

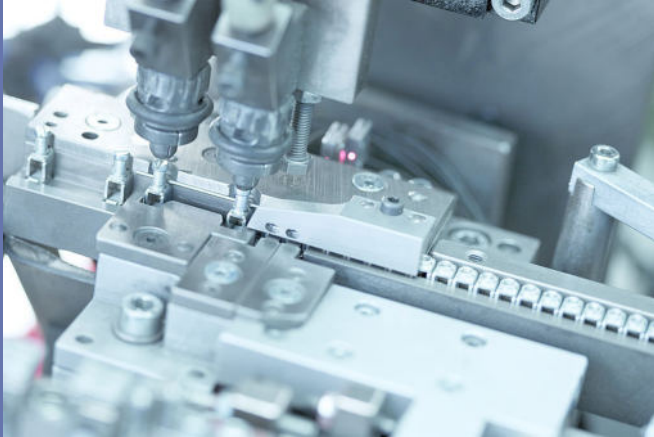
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- E & OE
- Images depicted in the catalogue do not represent the actual size of the product.
- Due to batch production, slight colour variations might occur on the product.

PRODUCT APPROVALS AS BASIS FOR BUSINESS CONFIDENCE!

Approvals that we obtain show proof of the quality of our products. These are granted by independent organisations after functional or suitability tests. They are the condition for use in certain markets or application fields. The competence of the accredited testing laboratory is confirmed. The correctness of technical data is top priority for users.



IEC and EN Approvals

In order to ensure that our products remain at the cutting edge of technology, we have worked closely and successfully with experts at DEKRA Certification B.V. inspection agency. This excellent cooperation helps us to be completely sure of the electrical safety of our products. Experts at an impartial inspection agency help us to satisfy all of the latest regulations and to meet our customers' current challenges.

Our innovative terminal blocks, for example, have been examined and certified to the highest possible extent by the DEKRA Certification B.V. testing authority for their conformity to international (IEC) and European norms (EN). These tests are documented in the existing inspection reports.

The information about the approvals for the CONTA-CLIP products you are looking for can be found in our ONLINE-Catalog.

UL Approvals

UL (Underwriters Laboratories Inc.®) is one of the world's leading organizations for the testing and certification in the field of product safety. UL approval is often required, especially for the international market. For this reason, many CONTA-CLIP products have UL approval. The UL listing contains important information about the product and its use, such as:

- Connection data (ratings)
- Air and creepage distances
 - materials
 - dimensions
- conditions of use

The information about the UL approvals for the CONTA-CLIP products you are looking for can be found in our ONLINE-Catalog.



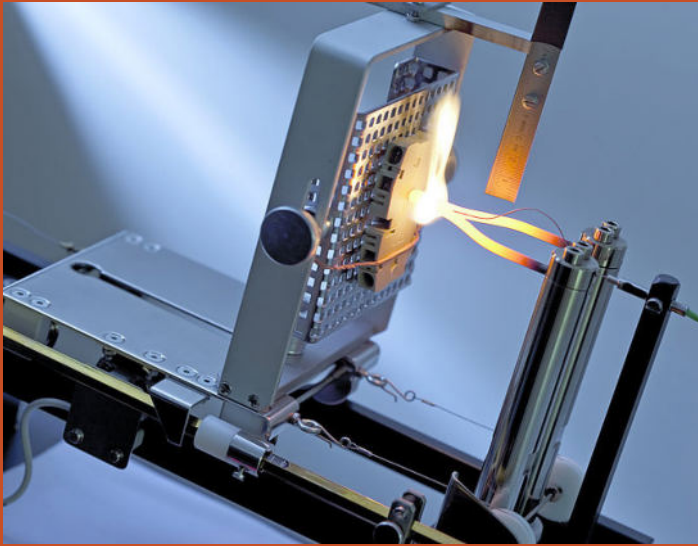
ATEX and IECEx Approvals

As of 1st July 2003 products placed onto the market or taken into service for the first time must comply with the provisions of the Directive 2014/34/Eu covering explosion protection. This Directive supersedes previous Directives and national regulations relating to hazardous area applications. Please observe that the new Directive is also to be applied to such products that were introduced onto the market in accordance with previous directives. In addition, it also applies to products that are intended for use in dust-laden environments. Traceability is required for all Ex products. Each user and re-seller must guarantee the traceability of the products.

To download the ATEX/IECEx approvals and EC type examination certificates for the terminal blocks you are looking for can be found in our ONLINE-Catalog.



Insulation materials



The insulation housings of CONTA-CONNECT products are made from high quality PA 6.6 polyamides. Such materials have a flammability classification of UL 94-V2 or UL 94-V0. This modern insulation predominates in terminal products and has been approved by all of the relevant regulatory bodies, including CSA, UL, PTB, SEV, VDE, DEMKO and NEMKO. It has a creepage current resistance level of CTI 600, in accordance with IEC 112/DIN 0303/part 1.

It also has excellent resistance to micro-organisms, bacteria and termites. Polyamide is also resistant to ultra-violet light and ageing. Polyamide 6.6 absorbs moisture from its surroundings (about 2.8% on average). This helps the plastic to stay elastic and non-brittle, even at temperatures down to -40°C . It has a semi-crystalline molecular structure and is stabilized by thermal ageing. This ensures that it maintains its excellent electrical, mechanical and chemical specifications even at temperatures up to 120°C . The peak temperature allowed for shortterm use is about 180°C . The melting point of the material is at 250°C . Polyamide 6.6 is flame resistant and self-extinguishing in compliance with VDE and ASTM.

None of the insulating materials and colouring pigments used by CONTA-CLIP contain asbestos, phosphor, cadmium or halogens.

Metal Parts

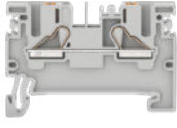
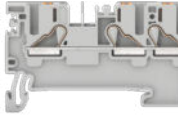
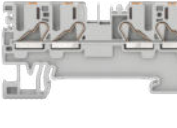
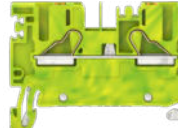
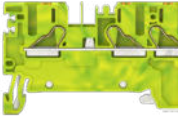

All metal parts used in CONTA-CLIP products are selected using state-of-the-art technology. During the production process, they are closely monitored by the CONTA-CLIP quality management system.


The metal parts in CONTA-CLIP products are galvanized using the most modern techniques available. They feature state-of-the-art surface protection. The steel parts are galvanized as standard practice. An additional passivation with a blue chromate layer is then applied to the zinc coating. Copper and brass parts are normally coated with a tin layer. This tin coating provides consistent, good electrical characteristics and also an excellent protection against corrosion. Solder lugs and solder pins are also coated with a tin layer. An additional layer of nickel is present under the tin layer in order to ensure that the soldering characteristics do not deteriorate over longer periods. The springs in the tension-spring and pressure-spring mechanisms are made from high-quality, rust-proof, acid-resistant steel. This provides them with excellent resistance to their environmental surroundings.



PUSH-IN TERMINALS



							
WIRE SIZE	1.5mm ²	1.5mm ²	1.5mm ²	1.5mm ²	1.5mm ²	1.5mm ²	
CATALOGUE NUMBER	27000.6	27002.6	27004.6	27001.2	27003.2	27005.2	
CODE NUMBER	PRK 1.5 / 2A	PRK 1.5 / 3A	PRK 1.5 / 4A	PSL 1,5 / 2A	PSL 1,5 / 3A	PSL 1,5 / 4A	
DESCRIPTION	Feed-through terminal 2 connections	Feed-through terminal 3 connections	Feed-through terminal 4 connections	Earth terminal 2 connections	Earth terminal 3 connections	Earth terminal 4 connections	
CONNECTION TYPE	Push-In	Push-In	Push-In	Push-In	Push-In	Push-In	
COLOUR	Grey	Grey	Grey	Green Yellow	Green Yellow	Green Yellow	
AMP RATING \ MAX. CURRENT CAPACITY	17.5A	17.5A	17.5A	-	-	-	
VOLTAGE IEC	500V	500V	500V	-	-	-	
WIDTH MM	3.5	3.5	3.5	3.5	3.5	3.5	
MOUNTING RAIL SIZE	DIN 35	DIN 35	DIN 35	DIN 35	DIN 35	DIN 35	
ACCESSORIES	END PLATE	27100.6	27101.6	27102.6	27100.6	27101.6	27102.6
	PARTITION PLATE	-	-	-	-	-	-
	END STOP	3748.2 OR 3811.2	3748.2 OR 3811.2	3748.2 OR 3811.2	3748.2 OR 3811.2	3748.2 OR 3811.2	3748.2 OR 3811.2
	CROSS CONNECTION	20 WAY RED 27131.9	20 WAY RED 27131.9	20 WAY RED 27131.9	20 WAY RED 27131.9	20 WAY RED 27131.9	20 WAY RED 27131.9
	MARKER	28350.7 (3,5x5)	28350.7 (3,5x5)	28350.7 (3,5x5)	28350.7 (3,5x5)	28350.7 (3,5x5)	28350.7 (3,5x5)

						
WIRE SIZE	2.5mm ²	2.5mm ²	2.5mm ²	2.5mm ²	2.5mm ²	2.5mm ²
CATALOGUE NUMBER	27006.6	27008.6	27010.6	27007.2	27009.2	27011.2
CODE NUMBER	PRK 2.5 / 2A	PRK 2.5 / 3A	PRK 2.5 / 4A	PSL 2.5 / 2A	PSL 2.5 / 3A	PSL 2.5 / 4A
DESCRIPTION	Feed-through terminal 2 connections	Feed-through terminal 3 connections	Feed-through terminal 4 connections	Earth terminal 2 connections	Earth terminal 3 connections	Earth terminal 4 connections
CONNECTION TYPE	Push-In	Push-In	Push-In	Push-In	Push-In	Push-In
COLOUR	Grey	Grey	Grey	Green Yellow	Green Yellow	Green Yellow
AMP RATING \ MAX. CURRENT CAPACITY	28A	28A	28A	-	-	-
VOLTAGE IEC	800V	800V	800V	-	-	-
WIDTH MM	5.1	5.1	5.1	5.1	5.1	5.1
MOUNTING RAIL SIZE	DIN 35	DIN 35	DIN 35	DIN 35	DIN 35	DIN 35
ACCESSORIES	END PLATE	27103.6	27104.6	27105.6	27103.6	27104.6.6
		27105.6	-	-	-	-
	END STOP	3748.2 OR 3811.2	3748.2 OR 3811.2	3748.2 OR 3811.2	3748.2 OR 3811.2	3748.2 OR 3811.2
	BUS COUPLER 10 POLE	20 WAY RED 27141.9	20 WAY RED 27141.9	20 WAY RED 27141.9	20 WAY RED 27141.9	20 WAY RED 27141.9
	MARKER	28342.7 (5x5)	28342.7 (5x5)	28342.7 (5x5)	28342.7 (5x5)	28342.7 (5x5)
	MARKER	28345.7 (5x12)	28345.7 (5x12)	28345.7 (5x12)	28345.7 (5x12)	28345.7 (5x12)

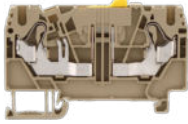





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WIRE SIZE	4mm ²	4mm ²	4mm ²	4mm ²	4mm ²	4mm ²	
CATALOGUE NUMBER	27012.6	27014.6	27016.6	27013.2	27015.2	27017.2	
CODE NUMBER	PRK 4 / 2A	PRK 4 / 3A	PRK 4 / 4A	PSL 4/2A GN/YE	PSL 4/3A GN/YE	PSL4/4A GN/YE	
DESCRIPTION	Feed-through terminal 2 connections	Feed-through terminal 3 connections	Feed-through terminal 4 connections	Earth terminal 2 connections	Earth terminal 3 connections	Earth terminal 4 connections	
CONNECTION TYPE	Push-In	Push-In	Push-In	Push-In	Push-In	Push-In	
COLOUR	Grey	Grey	Grey	Green/Yellow	Green/Yellow	Green/Yellow	
AMP RATING \ MAX. CURRENT CAPACITY	32	32	32	-	-	-	
VOLTAGE IEC	800	800	800	-	-	-	
WIDTH MM	6.1	6.1	6.1	6.1	6.1	6.1	
MOUNTING RAIL SIZE	DIN 35	DIN 35	DIN 35	DIN 35	DIN 35	DIN 35	
ACCESSORIES	END PLATE	27106.6	27107.6	27108.6	27106.6	27107.7	27108.6
	PARTITION PLATE	-	-	-	-	-	-
	END STOP	3748.2 OR 3811.2	3748.2 OR 3811.2	3748.2 OR 3811.2	3748.2 OR 38 11.2	3748.2 OR 3811.2	3748.2 OR 3811.2
	CROSS CONNECTION	20 WAY RED 27151.9	20 WAY RED 27151.9	20 WAY RED 27151.9	20 WAY RED 27151.9	20 WAY RED 27151.9	20 WAY RED 27151.9
	MARKER	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)
	MARKER	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)

WIRE SIZE	2.5mm ²	2.5mm ²	2.5mm ²	2.5mm ²	2.5mm ²	2.5mm ²	
CATALOGUE NUMBER	27036.6	27038.6	27037.2	27039.6	27040.2	27041.6	
CODE NUMBER	PRKD 2,5	PRKD 2,5/SV	PSLD 2,5	PIKD 2,5	PIKD 2,5/SV/PE	PIKD 2,5/SV	
DESCRIPTION	Double level terminal 2 x 2 connections	Double level terminal 4 connections	Double level earth terminal 4 connections	Tripple level terminal 3 x 2 connection	Tripple level earth terminal 6 connections	Tripple level terminal 6 connections	
CONNECTION TYPE	Push-In	Push-In	Push-In	Push-In	Push-In	Push-In	
COLOUR	Grey	Grey	Green Yellow	Beige	Green Yellow	Beige	
AMP RATING \ MAX. CURRENT CAPACITY	22	22	-	20	-	20	
VOLTAGE IEC	500	500	-	500	-	500	
WIDTH MM	5.1	5.1	5.1	5.1	5.1	5.1	
MOUNTING RAIL SIZE	DIN 35	DIN 35	DIN 35	DIN 35	DIN 35	DIN 35	
ACCESSORIES	END PLATE	27118.6	27118.6	27118.6	27119.6	27119.6	27119.6
	PARTITION PLATE	-	-	-	-	-	-
	END STOP	3748.2 OR 3811.2	3748.2 OR 3811.2	3748.2 OR 3811.2	3748.2 OR 3811.2	3748.2 OR 3811.2	3748.2 OR 3811.2
	CROSS CONNECTION	20 WAY RED 27141.9	20 WAY RED 27141.9	20 WAY RED 27141.9	20 WAY RED 27141.9	20 WAY RED 27141.9	20 WAY RED 27141.9
	MARKER	28342.7 (5x5)	28342.7 (5x5)	28342.7 (5x5)	28342.7 (5x5)	28342.7 (5x5)	28342.7 (5x5)
	MARKER	28345.7 (5x12)	28345.7 (5x12)	28345.7 (5x12)	28345.7 (5x12)	28345.7 (5x12)	28345.7 (5x12)

PUSH-IN TERMINALS



							
WIRE SIZE	2.5mm ²	2.5mm ²	2.5mm ²	2.5mm ²	2.5mm ²	2.5mm ²	
CATALOGUE NUMBER	3259.2	3260.2	3257.2	3258.2	AS BELOW	3635.2	
CODE NUMBER	FTRK/2,5/2A/MT2A	FTRK/2,5/3A/MT	FTRK/2,5/2A/OT	FTRK/2,5/3A/OT	ZDS / ZTR	FUSE PLUG	
DESCRIPTION	Blade disconnect terminal 2 connections	Blade disconnect terminal 3 connections	Base terminal 2 connections	Base terminal 3 connections	Diode/ resistor disconnect plug	Fuse plug 5 x 20 LED indication modules	
CONNECTION TYPE	Push-In	Push-In	Push-In	Push-In	Push-In	Push In	
COLOUR	Beige	Beige	Beige	Beige	Yellow	Yellow	
FUSE PLUG FOR 5 X 20 FUSE LED INDICATION	See Fuse Plug	See Fuse Plug	See Fuse Plug	See Fuse Plug	3612.2 3613.2 3614.2/ Diode 3615.2/ Diode	3631.2 / 10-36V 3632.2 / 35-70V 3633.2 / 60-150V 3634.2/140-250V	
AMP RATING \ MAX. CURRENT CAPACITY	18	18	18	18	-	6.3A	
VOLTAGE IEC	400	400	400	400	-	AS ABOVE	
WIDTH MM	5.1	5.1	5.1	5.1	5.1	5.1	
MOUNTING RAIL SIZE	DIN 35	DIN 35	DIN 35	DIN 35	DIN 35	-	
ACCESSORIES	END PLATE	3481.2	3482.2	3481.2	3482.2	-	-
	PARTITION PLATE	-	-	-	-	-	-
	END STOP	3748.2 OR 3811.2	3748.2 OR 3811.2	3748.2 OR 3811.2	3748.2 OR 3811.2	-	-
	CROSS CONNECTION	10 Way Yellow 3460.8	10 Way Yellow 3460.8	10 Way Yellow 3460.8	10 Way Yellow 3460.8	-	-
	MARKER	28342.7 (5x5)	28342.7 (5x5)	28342.7 (5x5)	28342.7 (5x5)	28342.7 (5x5)	28342.7 (5x5)
	MARKER	28345.7 (5x12)	28345.7 (5x12)	28345.7 (5x12)	28345.7 (5x12)	28345.7 (5x12)	28345.7 (5x12)

							
WIRE SIZE	4mm ²	4mm ²	4mm ²	4mm ²	4mm ²	2.5mm ²	
CATALOGUE NUMBER	3290.4	3291.4	3292.4	3293.4	3239.4	3295.2	
CODE NUMBER	FSIK 4/2A	FSIK 4/2A/LED	FSIK 4/2A/LED	FSIK 4/2A/LED	FSIK 4/2A MT BK	FIK2,5/3	
DESCRIPTION	Fuse disconnect terminal 2 connections hinged	Fuse disconnect terminal 2 connections hinged 12-30 V	Fuse disconnect terminal 2 connections hinged 30-60 V	Fuse disconnect terminal 2 connections hinged 110-250V	Disconnect blade terminal 2 connections	Initiator terminal for actuators 4 connections	
CONNECTION TYPE	Push-In	Push-In	Push-In	Push-In	Push-In	Push-In	
COLOUR	Black	Black	Black	Black	Black	Beige	
AMP RATING \ MAX. CURRENT CAPACITY	6.3A	6.3A	6.3A	6,3A	18A	24A	
VOLTAGE IEC	250 V	12 - 30 V	30 - 60 V	110 - 250 V	400V	250V	
WIDTH MM	6.1	6.1	6.1	6.1	6.1	5.1	
MOUNTING RAIL SIZE	DIN 35	DIN 35	DIN 35	DIN 35	DIN 35	DIN 35	
ACCESSORIES	END PLATE	3489.4	3489.4	3489.4	3489.4	3489.4	17430.2
	PARTITION PLATE	-	-	-	-	-	-
	END STOP	3748.2 OR 3811.2	3748.2 OR 3811.2	3748.2 OR 3811.2	3748.2 OR 3811.2	3748.2 OR 3811.2	3748.2 OR 3811.2
	CROSS CONNECTOR	10 Way Yellow 3470.8	10 Way Yellow 3470.8	10 Way Yellow 3470.8	10 Way Yellow 3470.8	10 Way Yellow 3470.8	50 Way Yellow 3461.8
	MARKER	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28342.7 (5x5)
	MARKER	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28345.7 (5x12)

*P = Printed

PICTURE							
WIRE SIZE	2.5mm ²	4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
CATALOGUE NUMBER	17100.2	17104.2	17108.2	17112.2	17124.2	17141.2	
CODE NUMBER	SRK 2,5/2A	SRK 4/2A	SRK 6/2A	SRK 10/2A	SRK 16/2A	SRK 35/2A	
DESCRIPTION	Feed-through terminal 2 connections	Feed-through terminal 2 connections	Feed-through terminal 2 connections	Feed-through terminal 2 connections	Feed-through terminal 2 connections	Feed-through terminal 2 connections	
CONNECTION TYPE	Screw	Screw	Screw	Screw	Screw	Screw	
COLOUR	Beige	Beige	Beige	Beige	Beige	Beige	
AMP RATING MAX. CURRENT CAPACITY IEC	24A	32A	41A	57A	76A	125A	
VOLTAGE IEC	1000V	1000V	1000V	1000V	1000V	1000V	
WIDTH MM	5	6	8	10	12.1	16.1	
MOUNTING RAIL SIZE	DIN 35	DIN 35	DIN 35	DIN 35	DIN 35	DIN 35	
ACCESSORIES	END PLATE	2001.2	2001.2	2001.2	2001.2	17254.2	NOT REQUIRED
	PARTITION PLATE	2002.2	2002.2	2002.2	2002.2	-	-
	END STOP	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2
	CROSS CONNECTORS	30 Way Yellow 17210.8	30 Way Yellow 17220.8	30 Way Yellow 17230.8	30 Way Yellow 17240.8	2 Way Yellow 17247,8	2 Way Yellow 17252,8
	MARKER	28342.7 (5x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)
	MARKER	28345.7 (5x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)


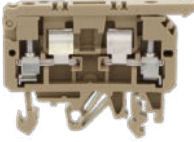
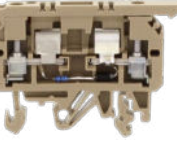
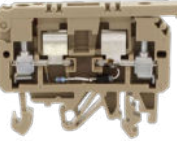
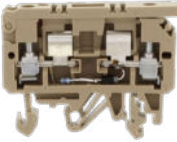
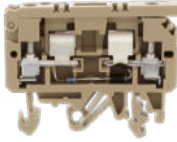
PICTURE							
WIRE SIZE	2.5mm ²	4mm ²	6mm ²	10mm ²	16mm ²	35mm ²	
CATALOGUE NUMBER	17103.2	17107.2	17111.2	17115.2	17130.2	17145.2	
CODE NUMBER	SSL 2,5/2A GN YE	SSL 4/2A GN YE	SSL 6/2A GN YE	SSL 10/2A GN YE	SSL 16/2A GN YE	SSL 35/2A GN YE	
DESCRIPTION	Feed-through earth terminal 2 connections	Feed-through earth terminal 2 connections	Feed-through earth terminal 2 connections	Feed-through earth terminal 2 connections	Feed-through earth terminal 2 connections	Feed-through earth terminal 2 connections	
CONNECTION TYPE	Screw	Screw	Screw	Screw	Screw	Screw	
COLOUR	Green Yellow	Green Yellow	Green Yellow	Green Yellow	Green Yellow	Green Yellow	
AMP RATING MAX. CURRENT CAPACITY IEC	-	-	-	-	-	-	
VOLTAGE IEC	-	-	-	-	-	-	
WIDTH MM	5	6	8	10	12.1	16.1	
MOUNTING RAIL SIZE	DIN 35	DIN 35	DIN 35	DIN 35	DIN 35	DIN 35	
ACCESSORIES	END PLATE	2001.2	2001.2	2001.2	2001.2	17254.1	NOT REQUIRED
	PARTITION PLATE	2002.2	2002.2	2002.2	2002.2	-	-
	END STOP	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2
	CROSS CONNECTORS	30 Way Yellow 17210.8	30 Way Yellow 17220.8	30 Way Yellow 17230.8	30 Way Yellow 17240.8	2 Way Yellow 17247,8	2 Way Yellow 17252,8
	MARKER	28342.7 (5x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)
	MARKER	28345.7 (5x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)

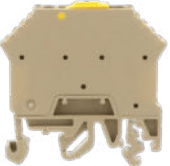


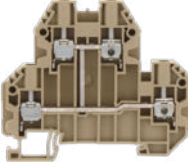
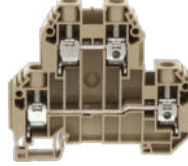
SCREW TERMINALS



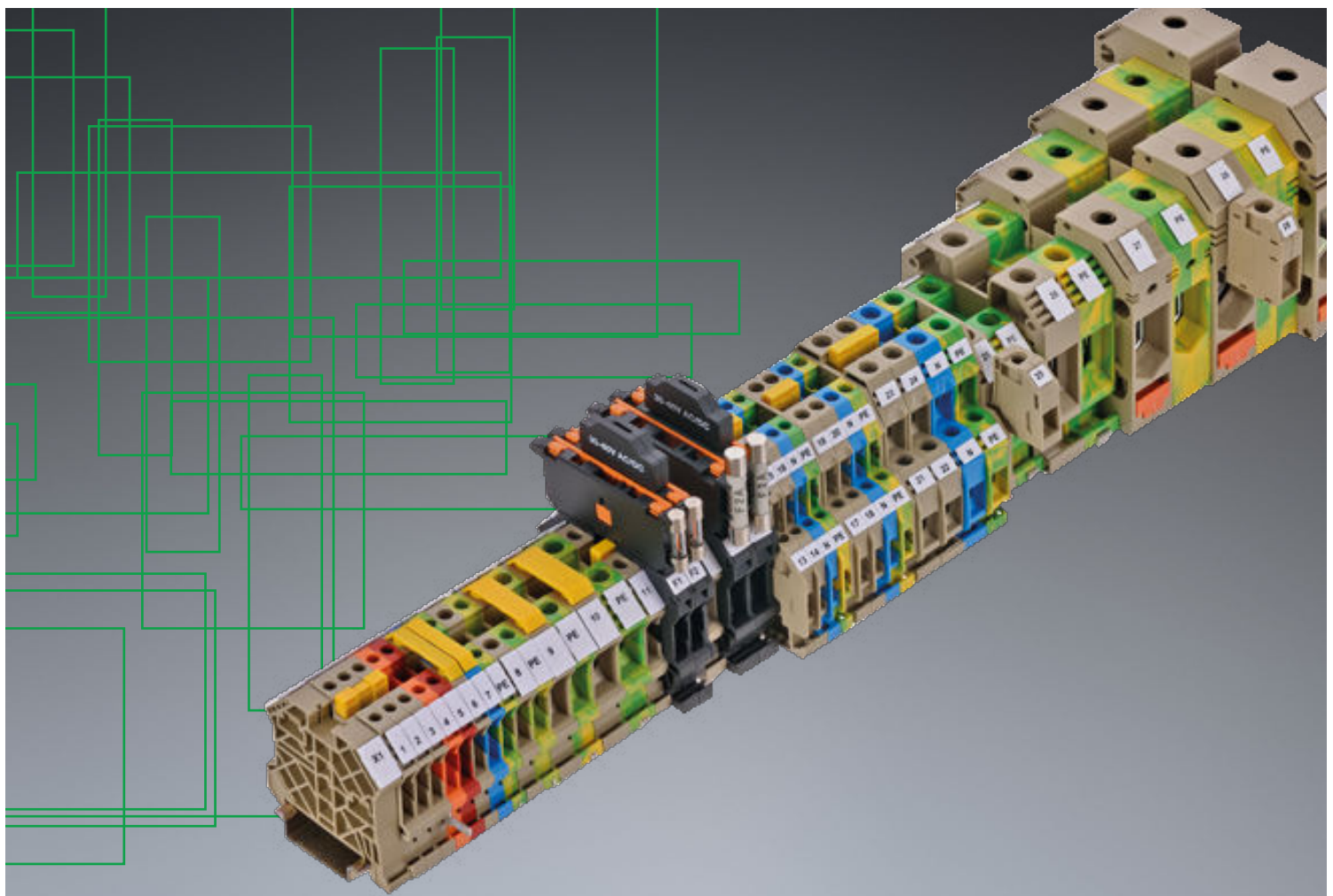
PICTURE							
WIRE SIZE	50mm ²	50mm ²	70mm ²	70mm ²	120mm ²	120mm ²	
CATALOGUE NUMBER	17156.2	17158.2	17161.2	17163.2	17165.2	17167.2	
CODE NUMBER	SRK 50/2A	SSL 50/2A GN/YE	SRK 70/2A	SSL 70/2A GN/YE	SRK 120/2A	SRK 120/2A/PE BKYE	
DESCRIPTION	Feed-through terminal 2 connections	Feed-through earth terminal 2 connections	Feed-through terminal 2 connections	Feed-through earth terminal 2 connections	Feed-through terminal 2 connections	Feed-through earth terminal 2 connections	
CONNECTION TYPE	Screw	Screw	Screw	Screw	Screw	Screw	
COLOUR	Beige	Green Yellow	Beige	Green Yellow	Beige	Green Yellow	
AMP RATING MAX. CURRENT CAPACITY IEC	150A		192A		296A		
VOLTAGE IEC	1000V		1000V		1000V		
WIDTH MM	18.5	18.5	20.5	20.5	27	27	
MOUNTING RAIL SIZE	DIN 35	DIN 35	DIN 35	DIN 35	DIN 35	DIN 35	
ACCESSORIES	END PLATE	-	-	-	-	-	
	PARTITION PLATE	-	-	-	-	-	
	END STOP	2005.2	2005.2	2005.2	2005.2	2005.2	
	CROSS CONNECTOR	4 Way Natural 17257.0		4 Way Natural 17267.0		4 Way Natural 17280.0	4 Way Natural 17280.0
	MARKER	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)
	MARKER	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)

PICTURE							
WIRE SIZE	4mm ²	4mm ²	4mm ²	4mm ²	4mm ²	6mm ²	
CATALOGUE NUMBER	17150.4	17171.4	17172.4	17173.4	17174.4	17151.4	
CODE NUMBER	SSIK 4/2A	SSIK 4/2A/LED	SSIK 4/2A/LED	SSIK 4/2A/LED	SSIK 4/2A LED	SSIK 6/2A	
DESCRIPTION	Fuse- disconnect terminal 2 connections hinged lever	Fuse- disconnect terminal 2 connections hinged lever 12-30 V	Fuse- disconnect terminal 2 connections hinged lever 30-60 V	Fuse- disconnect terminal 2 connections hinged lever 110-250V	Fuse- disconnect terminal 2 connections hinged lever 500V AC/DC	Fuse- disconnect terminal 2 connections hinged lever	
CONNECTION TYPE	Screw	Screw	Screw	Screw	Screw	Screw	
COLOUR	Black	Black	Black	Black	Black	Black	
AMP RATING MAX. CURRENT CAPACITY IEC	10A	10A	10A	10A	10A	10A	
VOLTAGE IEC	500	12-30V	30-60V	110-250V	500 V AC DC	500	
WIDTH MM	6.1	6.1	6.1	6.1	6.1	6.1	
FUSE SIZE	5X20,5X25,5X30	5X20,5X25,5X30	5X20,5X25,5X30	5X20,5X25,5X30	5X20,5X25,5X02	5X20,5X25,5X30	
MOUNTING RAIL SIZE	DIN 35	DIN 35	DIN 35	DIN 35	DIN 35	DIN 35	
ACCESSORIES	END PLATE	17258.4	17258.4	17258.4	17258.4	17258.4	
	PARTITION PLATE	-	-	-	-	-	
	END STOP	2005.2	2005.2	2005.2	2005.2	2005.2	
	CROSS CONNECTOR	30 Way Yellow 17220,8	30 Way Yellow 17220,8	30 Way Yellow 17220,8	30 Way Yellow 17220,8	30 Way Yellow 17220,8	30 Way Yellow 17230,8
	MARKER	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)
	MARKER	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)

PICTURE							
WIRE SIZE		4mm ²	4mm ²	4mm ²	4mm ²	4mm ²	6mm ²
CATALOGUE NUMBER		1078.2	2190.2	2449.2	2450.2	2452.2	2453.2
CODE NUMBER		STK2	STK1	STK 1 LED 10-36	STK 1 LED 30-60	STK 1 LED 115	STK 1 LED 110-240
DESCRIPTION		Fuse- disconnect terminal 2 connections hinged lever	Fuse- disconnect terminal 2 connections hinged lever	Fuse- disconnect terminal 2 connections hinged lever 10-36 V AC/DC	Fuse- disconnect terminal 2 connections hinged lever 30-60 V AC/DC	Fuse- disconnect terminal 2 connections hinged lever 115 V AC/DC	Fuse- disconnect terminal 2 connections hinged lever 230 V AC/DC
CONNECTION TYPE		Screw	Screw	Screw	Screw	Screw	Screw
COLOUR		Beige	Beige	Beige	Beige	Beige	Beige
AMP RATING MAX. CURRENT CAPACITY IEC		6.3	6.3	6.3	6.3	6.3	6.3
VOLTAGE IEC		500V	400V	10-36V AC/DC	30-60V AC/DC	115V AC/DC	230V AC/DC
WIDTH MM		8	8	8	8	8	8
FUSE SIZE		5X20,5X25	5X20,5X25	5X20,5X25	5X20,5X25	5X20,5X25	5X20,5X25
MOUNTING RAIL SIZE		DIN 35/32	DIN 35/32	DIN 35/32	DIN 35/32	DIN 35/32	DIN 35/32
ACCESSORIES	END PLATE	2186.2	2146.2	2146.2	2146.2	2146.2	2146.2
	PARTITION PLATE	-	-	-	-	-	-
	END STOP	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2
	CROSS CONNECTORS	60 Way Yellow 3445.8	60 Way Yellow 3445.8	60 Way Yellow 3445.8	60 Way Yellow 3445.8	60 Way Yellow 3445.8	60 Way Yellow 3445.8
	MARKER	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)
	MARKER	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)

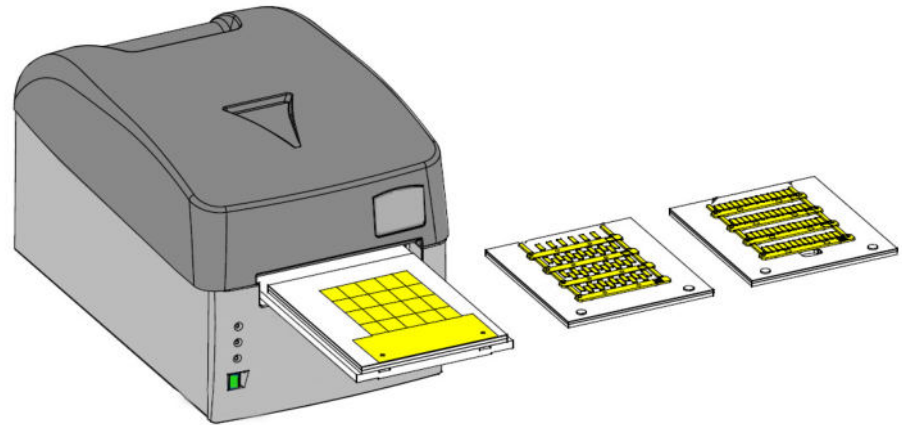
PICTURE							
WIRE SIZE		2.5mm ²	2.5mm ²	2.5mm ²	4mm ²	10mm ²	4mm ²
CATALOGUE NUMBER		1390.2	1391.2	17180.2	17185.2	17190.2	17186.2
CODE NUMBER		TRK1.5	TRK 1.5/STB	SRKD 2.5	SRKD 4.0	SRKD 10	SRKD 4/SV
DESCRIPTION		Blade disconnect terminal 2 connections	Blade disconnect terminal 2 connections test sockets	Feed through terminal 2 x 2 connections	Feed through terminal 2 x 2 connections	Feed through terminal 2 x 2 connections	Feed through terminal 4 connections
CONNECTION TYPE		Screw	Screw	Screw	Screw	Screw	Screw
COLOUR		Beige	Beige	Beige	Beige	Beige	Beige
AMP RATING MAX. CURRENT CAPACITY IEC		10A	10A	24A	41A	57A	41A
VOLTAGE IEC		400	400	1000V	1000V	1000V	1000V
WIDTH MM		6	6	5.1	6.1	10.0	6.1
MOUNTING RAIL SIZE		DIN 35	DIN 35	DIN 35/Direct	DIN 35/Direct	DIN 35/Direct	DIN 35/Direct
ACCESSORIES	END PLATE	-	-	17292.2	17292.2	17293.2	17292.2
	PARTITION PLATE	-	-	-	-	-	-
	END STOP	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2
	CROSS CONNECTORS	75 Way Yellow 2480.0	75 Way Yellow 2480.0	30 Way Yellow 17210.8	30 Way Yellow 17220.8	30 Way Yellow 17240.8	30 Way Yellow 17220.8
	MARKER	28343.7 (5x5)	28343.7 (6x5)	28342.7 (5x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)
	MARKER	28344.7 (5x12)	28344.7 (6x12)	28345.7 (5x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)

PICTURE						
WIRE SIZE	35mm ²	70mm ²	120mm ²	185mm ²	300mm ²	
CATALOGUE NUMBER	17170.2	17035.2	17023.2	17024.2	17027.2	
CODE NUMBER	HSKG 35/M6/B/B	HSKG 70/M6/B/B	HSKG 120/M6/B/B	HSKG 185/M6/B/B	HSKG 300/M16/B/B	
DESCRIPTION	Stud Connection terminal	Stud Connection terminal	Stud Connection terminal	Stud Connection terminal	Stud Connection terminal	
CONNECTION TYPE	Stud	Stud	Stud	Stud	Stud	
COLOUR	Beige	Beige	Beige	Beige	Beige	
AMP RATING MAX. CURRENT CAPACITY IEC	125A	192A	269A	353A	520A	
VOLTAGE IEC	1000V	1000V	1000V	1000V	1000V	
WIDTH MM	27	32	42	55	55	
MOUNTING RAIL SIZE	DIN 35/Direct	DIN 35/Direct	DIN 35/Direct	DIN 35/Direct	DIN 35/Direct	
ACCESSORIES	COVER PROFILE	17275.8	17268.8	17025.2	17123.8	17123.8
	PARTITION PLATE	-	-	-	-	-
	END STOP	2828,0	2828,0	2828,0	2828,0	2828,0
	CROSS CONNECTOR	3 WAY 17277.0	3 WAY 17270,0	3 WAY 17242,0	3 WAY 17244,0	3 WAY 17244,0
	MARKER	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)	28343.7 (6x5)
	MARKER	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)	28344.7 (6x12)



TYPE	Printer	Thermal Film Black Transfer Film	Inlay for PC-SB 5 X 5 CARDS	Inlay for PC-BSTR CP-CPM	Inlay for FLAT PVC/PVC/PVCF POF CARDS & STICKERS	All software, power cord and usb cables come complete.
CATALOGUE NUMBER	28000.0	28010.4	28020.0	28027.0	28041.0	
CODE NUMBER	TTP CARD SET					
DESCRIPTION	Thermal transfer printer TTP	ALL ITEMS INCLUDED WITH PURCHASE OF MACHINE				

ADDITIONAL INLAYS	CATALOGUE NUMBER
Inlay for PC-TDM cards	28021.0
Inlay for PC-TDMO cards	28022.0
Inlay for CCI-PC-CPM-01 cards	28023.0
Inlay for CCI-PC-CPM-05/12 cards	28024.0
Inlay for CCI-PC-CPM-06 cards	28025.0
Inlay for CCI-PC-CPM-09 cards	28026.0
Inlay for CCI-PC-CPM-10/BSTR cards	28027.0
Inlay for CCI-PC-CPM-13 cards	28028.0
Inlay for CCI-PC-SPM-02 cards	28029.0
Inlay for CCI-PC-TPM cards	28040.0
Inlay for CCI-PCM/SPM cards	28042.0
Inlay for CCI-PC/SB 7.5 X 4 cards	28046.0
Inlay for CCI-PC-SB 6 X 5 cards	28047.0
Inlay for CCI-PC-SB 6 X 5 cards	28366.0



TYPE	CATALOGUE NUMBER	CODE NUMBER
Replacement Thermal Film Black	28010.4	Film TTP Card BK
Replacement Thermal Film Blue	28010.5	Film TTP Card BU
Replacement Thermal Film Red	28010.9	Film TTP Card RD
Replacement Thermal Film Green	28010.1	Film TTP Card GN
Replacement Thermal Film Silver	28010.0	Film TTP Card SI
Replacement Thermal Film White	28010.7	Film TTP Card WH



ADDITIONAL INLAYS	TTP Card Cleaning Set	TTP Card Cleaning Cloth	Cleaning Spray
CATALOGUE NUMBER	28043.0	28044.0	28045.0
CODE NUMBER	Cleaning Set Plate Cloth Spray	Five Cleaning Cloths	Cleaning Spray

TYPE	Terminal Marker/PC Card	Terminal Marker/PC Card	Terminal Marker/PC Card	Terminal Marker/PC Card	Terminal Marker/PC Card	Terminal Marker/PC Card
CATALOGUE NUMBER	28350.7	28342.7	28343.7	28345.7	28343.7	28344.7
CODE NUMBER	PC-SB 3.5 x 5 White	PC-SB 5 x 5 White	PC-BSTR 6x5mm White	PC-BSTR 5x12mm White	PC-BSTR 6x5mm White	PC-BSTR 6x12mm White
DESCRIPTION	Blank Marker	Blank Marker	Blank Marker	Blank Marker	Blank Marker	Blank Marker
MARKER SIZE MM	3.5 x 5mm	5 x 5mm	6 x 5mm	5 x 12mm	6 x 5mm	6 x 12mm
COLOUR	White	White	White	White	White	White
TAGS PER CARD	56	48	40	48	40	40
TAGS PER BOX	1120	960	800	960	800	800

TYPE	Terminal Marker/PC Card	Terminal Marker/PC Card	Wire & Cable Markers	Wire & Cable Markers	Wire & Cable Markers	Wire & Cable Markers
CATALOGUE NUMBER	28347.7P	28348.7P	28100.7	28100.8	28101.7	28101.8
CODE NUMBER	PC-BSTR 8x5mm White	PC-BSTR 8x12mm White	PVC-TPMF 4 x 12 WH	PVC-TPMF 4 x 12 YE	PVC-TPMF 4 x 15 WH	PVC-TPMF 4 x 15 YE
DESCRIPTION	Blank Marker	Blank Marker	Blank Insert Marker	Blank Insert Marker	Printed Insert Marker	Printed Insert Marker
MARKER SIZE MM	8 x 5mm	8 x 12mm	4 x 12mm	4 x 12mm	4 x 15mm	4 x 15mm
COLOUR	White	White	White	Yellow	White	Yellow
TAGS PER CARD	32	32	80	80	80	80
TAGS PER BOX	640	640	4000	4000	4000	4000

TYPE	Wire & Cable Markers	Wire & Cable Markers	Wire & Cable Markers	Wire & Cable Markers
CATALOGUE NUMBER	28102.7	28102.8	28103.7	28103.8
CODE NUMBER	PVC-TPMF 4 x 20 WH	PVC-TPMF 4 x 20 YE	PVC-TPMF 4 x 30 WH	PVC-TPMF 4 x 30 YE
DESCRIPTION	Blank Insert Marker	Printed Insert Marker	Printed Insert Marker	Printed Insert Marker
MARKER SIZE MM	4 x 20mm	4 x 20mm	4 x 30mm	4 x 30mm
COLOUR	White	Yellow	White	Yellow
TAGS PER CARD	64	64	48	48
TAGS PER BOX	1600	1600	1200	1200



TYPE	Transparent Sleeve	Transparent Sleeve	Transparent Sleeve	Transparent Sleeve	Transparent Sleeve	Transparent Sleeve
CATALOGUE NUMBER	28285.0	28287.0	28288.0	28292.0	28294.0	28295.0
CODE NUMBER	KH-PVC 0.5/12	KH-PVC 0.5/20	KH-PVC 0.5/30	KH-PVC 2.5/12	KH-PVC 2.5/20	KH-PVC 2.5/30
DESCRIPTION	Transparent Sleeve for Printed Insert	Transparent Sleeve for Printed Insert	Transparent Sleeve for Printed Insert	Transparent Sleeve for Printed Insert	Transparent Sleeve for Printed Insert	Transparent Sleeve for Printed Insert
WIRE SIZE	0.25~0.5mm ²	0.5~2.5mm ²	2.5~4.0mm ²	0.25~0.5mm ²	0.5~2.5mm ²	2.5~4.0mm ²
LENGTH MM	12mm	20mm	30mm	12mm	20mm	30mm
COLOUR	Transparent	Transparent	Transparent	Transparent	Transparent	Transparent

TYPE	Transparent Sleeve	Transparent Sleeve	Transparent Sleeve	Wire Markers	Wire Markers	Wire Markers
CATALOGUE NUMBER	28299.0	28301.0	28302.0	28124.7	28124.7P	28124.8
CODE NUMBER	KH-PVC 4/12	KH-PVC 2.5/20	KH-PVC 4/30	PVC-ETF 13 x 57 WH	PVC-ETF 13 x 57 WH	PVC-ETF 13 x 57 YE
DESCRIPTION	Transparent Sleeve for Printed Insert	Transparent Sleeve for Printed Insert	Transparent Sleeve for Printed Insert	Wire Markers - Blank	Wire Markers - Printed	Wire Markers - Blank
WIRE SIZE	0.25~0.5mm ²	0.5~2.5mm ²	2.5~4.0mm ²	Cable Tie	Cable Tie	Cable Tie
LENGTH MM	12mm	20mm	30mm	13 x 57mm	13 x 57mm	13 x 57mm
COLOUR	Transparent	Transparent	Transparent	White	White	Yellow

TYPE	Device & Installation Marker	Device & Installation Marker	Device & Installation Marker	Device & Installation Marker	Device & Installation Marker	Device & Installation Marker
CATALOGUE NUMBER	28166.7	28167.7	28170.7	28172.7	28175.7	28176.7
CODE NUMBER	PVC-TAA 8 x 12 K WH	PVC-TAA 8 x 17 K WH	PVC-TAA 9 x 15 K WH	PVC-TAA 9 x 35 K WH	PVC-TAA 15 x 17 K WH	PVC-TAA 15 x 27 K WH
DESCRIPTION	Self-Adhesive Markers	Self-Adhesive Markers	Self-Adhesive Markers	Self-Adhesive Markers	Self-Adhesive Markers	Self-Adhesive Markers
WIRE SIZE	Self-Adhesive	Self-Adhesive	Self-Adhesive	Self-Adhesive	Self-Adhesive	Self-Adhesive
SIZE WXL MM	8 x 12mm	8 x 17mm	9 x 15 mm	9 x 35mm	15 x 17mm	15 x 27mm
COLOUR	White	White	White	White	White	White

TYPE	Wire and Cable Marker	Wire and Cable Marker
CATALOGUE NUMBER	28372.7	28373.7
CODE NUMBER	POF-KMP 038 10 x 15 WH	POF-KMP 038 10 x 23 WH
DESCRIPTION	Self-Adhesive Wrap-Around Label Markers	Self-Adhesive Wrap-Around Label Markers
WIRE SIZE	4.3~7mm O.D.	4.3~7mm O.D.
SIZE WXL MM	15 x 38	23 x 38
COLOUR	White	White









TYPE	Wire and Cable Marker	Wire and Cable Marker	Wire and Cable Marker	Wire and Cable Marker	Wire and Cable Marker	Wire and Cable Marker
CATALOGUE NUMBER	28374.7	28375.7	28378.7	28379.7	28383.7	28384.7
CODE NUMBER	POF-KMP 050 15 x 15 WH	POF-KMP 050 15 x 23 WH	POF-KMP 075 25 x 15 WH	POF-KMP 075 25 x 23 WH	POF-KMP 100 25 x 15 WH	POF-KMP 100 25 x 23 WH
DESCRIPTION	Self-Adhesive Wrap-Around Label Markers	Self-Adhesive Wrap-Around Label Markers	Self-Adhesive Wrap-Around Label Markers	Self-Adhesive Wrap-Around Label Markers	Self-Adhesive Wrap-Around Label Markers	Self-Adhesive Wrap-Around Label Markers
WIRE SIZE MM O.D.	6~10	6~10	8~14	8~14	12~20	12~20
SIZE WIDTH X LENGTH	15 x 50	23 x 50	15 x 75	15 x 75	15 x 100	15 x 100
COLOUR	White	White	White	White	White	White

TYPE	Device Marker	Device Marker	Device Marker	Device Marker	Device Marker	Device Marker
CATALOGUE NUMBER	28138.7	28139.7	28140.7	28142.7	28143.7	28146.7
CODE NUMBER	PVC-TAP 15X17 WH	PVC-TAP 15X27 WH	PVC-TAP 15X32 WH	PVC-TAP 15X49 WH	PVC-TAP 15X67 WH	PVC-TAP 18X27 WH
DESCRIPTION	Device & installation markers	Device & installation markers	Device & installation markers	Device & installation markers	Device & installation markers	Device & installation markers
WIRE SIZE	28041.0	28041.0	28041.0	28041.0	28041.0	28041.0
SIZE WXL MM	15 x 17mm	15 x 27mm	15 x 32mm	15 x 49mm	15 x 67mm	18 x 27mm
COLOUR	White	White	White	White	White	White

TYPE	Legend Holders	Legend Holders	Legend Holders	Legend Holders	Legend Insert	Legend Insert
CATALOGUE NUMBER	9802.4	9803.4	9804.4	9805.4	28166.7	28139.7
CODE NUMBER	GST-H 27x8 BK	GST-H 27x12.5 BK	GST-H 27x18 BK	GST-H 27x27 BK	PVC-TAA-8X12 K WH	PVC-TAP 15X27 WH
DESCRIPTION	Device & installation markers	Device & installation markers	Device & installation markers	Device & installation markers	Device & installation markers	Device & installation markers
SIZE WXL MM	27 x 8mm	27 x 12.5mm	27 x 18mm	15 x 49mm	27 x 8mm	27 x 18mm
COLOUR	Black	Black	Black	Black	White	White

TYPE	Frame	Frame	Frame	Frame	Frame	Frame
CATALOGUE NUMBER	28700.4	28701.4	28702.4	28707.4	28708.4	28709.4
CODE NUMBER	KDS-SR-FB1/A BK	KDS-SR-FB2/A BK	KDS-SR-FB2/B BK	KDS-SR-FB4/A BK	KDS-SR-FB4/B BK	KDS-SR-FB4/C BK
DESCRIPTION	KDS-FB cable entry system for flat cables	KDS-FB cable entry system for flat cables	KDS-FB cable entry system for flat cables	KDS-FB cable entry system for flat cables	KDS-FB cable entry system for flat cables	KDS-FB cable entry system for flat cables
SEALS (see main Cable Management Systems Catalogue for full details, Pg 16)	KDS-DE-FB1	KDS-DE-FB2	KDS-DE 20x20 KDS-DE-FB1	KDS-DE-FB2	KDS-DE 20x20 KDS-DE-FB2	KDS- 20X20 KDS-DE-FB1
COLOUR	Black	Black	Black	Black	Black	Black
ACTUATING TOOL	KDS BW 1	KDS BW 1	KDS BW 1	KDS BW 1	KDS BW 1	KDS BW 1
CATALOGUE NUMBER	28622	28622	28622	28622	28622	28622
SHEET-METAL PUNCH	BL-VA KDS-FB1	BL-VA KDS-FB2	BL-VA KDS-FB2	BL-VA KDS-FB4	BL-VA KDS-FB4	BL-VA KDS-FB4
CATALOGUE NUMBER	28729.0	28741.0	28741.0	28743.0	28743.0	28743.0

TYPE	Frame	Frame	Frame	Frame	Frame	Frame
CATALOGUE NUMBER	28703.4	28704.4	28705.4	28706.4	28710.4	28711.4
CODE NUMBER	KDS-SR-FB3/A BK	KDS-SR-FB3/B BK	KDS-SR-FB3/C BK	KDS-SR-FB3/D BK	KDS-SR-FB4/D BK	KDS-SR-FB4/E BK
DESCRIPTION	KDS-FB cable entry system for flat cables	KDS-FB cable entry system for flat cables	KDS-FB cable entry system for flat cables	KDS-FB cable entry system for flat cables	KDS-FB cable entry system for flat cables	KDS-FB cable entry system for flat cables
SEALS (see main Cable Management Systems Catalogue for full details, Pg 16)	KDS-DE-FB3	KDS-DE 20x20 KDS-DE-FB2	KDS-DE-FB1	KDS-DE 20x20 KDS-DE-FB1	KDS-DE 20x20 KDS-DE-FB1	KDS-DE-FB1 KDS-DE-FB2
SEALS	See Below	See Below	See Below	See Below	See Below	See Below
COLOUR	Black	Black	Black	Black	Black	Black
ACTUATING TOOL	KDS BW 1	KDS BW 1	KDS BW 1	KDS BW 1	KDS BW 1	KDS BW 1
CATALOGUE NUMBER	28622.0	28622.0	28622.0	28622.0	28622.0	28622.0
SHEET-METAL PUNCH	BL-VA KDS-FB3	BL-VA KDS-FB3	BL-VA KDS-FB3	BL-VA KDS-FB3	BL-VA KDS-FB4	BL-VA KDS-FB4
CATALOGUE NUMBER	28742.0	28742.0	28742.0	28742.0	28743.0	28743.0

							
TYPE	Click	Click	Click	Click	Flange Plate	Flange Plate	
CATALOGUE NUMBER	28506.4	28500.4	28502.4	28504.4	28660.4	28661.4	
CODE NUMBER	KDS-SR 1-4 BK	KDS-SR 6/10 BK	KDS-SR 8/16 BK	KDS-SR 10/24 BK	KDS-FP 2X10/24 BK	KDS-FP 3X10/24 BK	
DESCRIPTION	KDSClick modular cable entry system Screw Frame	KDSClick modular cable entry system Screw Frame	KDSClick modular cable entry system Screw Frame	KDSClick modular cable entry system Screw Frame	KDS-FP flange plates and accessories	KDS-FP flange plates and accessories	
SCREW FRAME	KDS-SET 1-4 BK	KDS-SET 6/10 BK	KDS-SET 6/16 BK	KDS-SET 10/24 BK	-	-	
CATALOGUE NUMBER	28602.4	28603.4	28604.4	28605.4	-	-	
DESCRIPTION	Set consists of 1 x KDS-SR 1-4 BK, 1 x KDS-Inlay 4 BK	Set consists of 1 x KDS-SR 6/10 BK, 1 x KDS-Inlay 2 BK, 1 x KDS-Inlay 6 BK	Set consists of 1 x KDS-SR 6/10 BK, 1 x KDS-Inlay 1 BK, 2 x KDS-Inlay 4 BK	Set consists of 1 x KDS-Inlay 2 BK, 1 x KDS-Inlay 4 BK, 1 x KDS-Inlay 6 BK	-	-	
ACCESSORIES	INLAY	KDS-Inlay 4 BK	KDS-Inlay 2 BK	KDS-Inlay 1 BK	KDS-Inlay 2 BK	KDS-Inlay 4 BK	KDS-Inlay 1 BK
	CATALOGUE NUMBER	28518.4	28517.4	28516.4	28517.4	28518.4	28516.4
	DESCRIPTION	for 4-way splits	T-shape	for separating vertically	T-shape for large small	for 4-way splits	for separating vertically
	INLAY	-	KDS-Inlay 6 BK	KDS-Inlay 4 BK	KDS-Inlay 4 BK	KDS-Inlay 6 BK	KDS-Inlay 2 BK
	CATALOGUE NUMBER	-	28519.4	28518.4	28518.4	28519.4	28517.4
	DESCRIPTION	-	for 6-way splits	for 4-way splits	for 4-way splits	for 6-way splits	T-shape for large small
	INLAY	-	-	-	KDS-Inlay 6 BK	-	KDS-Inlay 4 BK
	CATALOGUE NUMBER	-	-	-	28519.4	-	28518.4
	DESCRIPTION	-	-	-	for 6-way splits	-	for 4-way splits
	INLAY	-	-	-	-	-	KDS-Inlay 6 BK
CATALOGUE NUMBER	-	-	-	-	-	28519.4	
DESCRIPTION	-	-	-	-	-	for 6-way splits	
INNER LOCKING FRAME (OPTIONAL)	KDS-IVR 1-4 BK	KDS-IVR 6/10 BK	KDS-IVR 8/16 BK	KDS-IVR 10/24 BK	-	-	
CATALOGUE NUMBER	28507.4	28501.4	28503.4	28505.4	-	-	
SHEET METAL PUNCH	BL KDS-SR 1-4	BL KDS-SR 6/10	BL KDS-SR 8/16	BL KDS-SR 10/24	-	-	
DESCRIPTION	For sheet steel up to 2 mm also for marking drilling hole points	For sheet steel up to 2 mm also for marking drilling hole points	For sheet steel up to 2 mm also for marking drilling hole points	For sheet steel up to 2 mm also for marking drilling hole points	-	-	
ACTUATING TOOL	KDS BW 1	KDS BW 1	KDS BW 1	KDS BW 1	KDS BW 1	KDS BW 1	
CATALOGUE NUMBER	28622.0	28622.0	28622.0	28622.0	28622.0	28622.0	
SEALS SMALL (see main Cable Management Systems Catalogue for full details, Pg 42/43)	KDS-DE	KDS-DE	KDS-DE	KDS-DE	-	-	
CATALOGUE NUMBER	See Below	See Below	See Below	See Below	-	-	
SEALS LARGE (see main Cable Management Systems Catalogue for full details, Pg 42/43)	KDS-DEG	KDS-DEG	KDS-DEG	KDS-DEG	-	-	
CATALOGUE NUMBER	-	See Below	See Below	See Below	-	-	
INNER LOCK	-	-	-	-	KDS-FP IVR OG	KDS-FP IVR OG	
CATALOGUE NUMBER	-	-	-	-	28664.3	28664.3	

MAX DIAMETER Ø / DESCRIPTION	Seals - Black - Small / Type	Catalogue Number	Max Diameter Ø / DESCRIPTION	Seals - Black - Large / Type	Catalogue Number
BLIND	KDS-DE/B BK	28520.4	BLIND	KDS-DE/B BK	28534.4
2MM	KDS-DE 1.5-2 BK	28521.4	15MM	KDS-DEG 14-15 BK	28535.4
3MM	KDS-DE 2-3 BK	28522.4	16MM	KDS-DEG 15-16 BK	28536.4
4MM	KDS-DE 3-4 BK	28523.4	17MM	KDS-DEG 16-17 BK	28537.4
5MM	KDS-DE 4-5 BK	28524.4	18MM	KDS-DEG 17-18 BK	28538.4
6MM	KDS-DE 5-6 BK	28525.4	19MM	KDS-DEG 18-19 BK	28539.4
7MM	KDS-DE 6-7 BK	28526.4	20MM	KDS-DEG 19-20 BK	28540.4
8MM	KDS-DE 7-8 BK	28527.4	21MM	KDS-DEG 20-21 BK	28541.4
9MM	KDS-DE 8-9 BK	28528.4	22MM	KDS-DEG 21-22 BK	28542.4
10MM	KDS-DE 9-10 BK	28529.4	23MM	KDS-DEG 22-23 BK	28543.4
11MM	KDS-DE 10-11 BK	28530.4	24MM	KDS-DEG 23-24 BK	28544.4
12MM	KDS-DE 11-12 BK	28531.4	25MM	KDS-DEG 24-25 BK	28545.4
13MM	KDS-DE 12-13 BK	28532.4	26MM	KDS-DEG 25-26 BK	28546.4
14MM	KDS-DE 13-14 BK	28533.4	27MM	KDS-DEG 26-27 BK	28547.4
15MM	KDS-DE 14-15 BK	28608.4	28MM	KDS-DEG 27-28 BK	28548.4
16MM	KDS-DE 15-16 BK	28670.4	29MM	KDS-DEG 28-29 BK	28549.4
			30MM	KDS-DEG 29-30 BK	28550.4
			31MM	KDS-DEG 30-31 BK	28551.4
			32MM	KDS-DEG 31-32 BK	28552.4
			33MM	KDS-DEG 32-33 BK	28601.4







Max Diameter Ø / DESCRIPTION	Seals with multiple holes- Black - Small / Type	Catalogue Number	Max Diameter Ø / DESCRIPTION	Seals for AS Interface Cables	Catalogue Number
6MM	KDS-DE 2X4-5 BK	28555.4		KDS-DE/1 X ASI BK	28559.4
6MM	KDS-DE2X5-6 BK	28556.4		KDS-DE/2 X ASI BK	28560.4
6.5MM	KDS-DE 2X6.5 BK	28682.4		Cone shaped seals	
7MM	KDS-DE 2X7 BK	2869.4	11mm	KDS-DE/K 2-11 BK	28553.4
8MM	KDS-DE 2X8 BK	28691.4	24mm	KDS-DE/K 7-24 BK	28554.4
6MM	KDS-DE 3X5-6 BK	28687.4			
3MM	KDS-DE 4X2-3 BK	28557.4			
4MM	KDS-DE 4X3-4 BK	28558.4			
5MM	KDS-DE 4X5 BK	28672.4			
4.5MM	KDS-DE 4X4.5	28681.4			
6MM	KDS-DE 4X6 BK	28763.4			

TYPE	Separable Cable Glands	Separable Cable Glands	Separable Cable Glands	Separable Cable Glands	Separable Cable Glands	Separable Cable Glands
CATALOGUE NUMBER	28610.4	28611.4	28612.4	28613.4	28614.4	28615.4
CODE NUMBER	KDS-KV M20 BK	KDS-KV M25 BK	KDS-KV M32 BK	KDS-KV M40 BK	KDS-KV M50 BK	KDS-KV M63 BK
DESCRIPTION	KDS-FV Separable Cable Gland	KDS-FV Separable Cable Gland	KDS-FV Separable Cable Gland	KDS-FV Separable Cable Gland	KDS-FV Separable Cable Gland	KDS-FV Separable Cable Gland
CABLE DIAMETER MM	KDS-DE 1~13	KDS-DE 1~14	KDS-DE 1~14	KDS-DE 14~33	KDS-DE 14~33	KDS-DE 14~33
COLOUR	Black	Black	Black	Black	Black	Black
LOCKNUT	KDS-GM 20 BK	KDS-GM 25 BK	KDS-GM 32 BK	KDS-GM 40 BK	KDS-GM 50 BK	KDS-GM 63 BK
CATALOGUE NUMBER	28616.4	28617.4	28618.4	28619.4	28620.4	28621.4
SEALS - SMALL	KDS-DE	KDS-DE	KDS-DE	KDS-DE	KDS-DE	KDS-DE
CATALOGUE NUMBER	See below	See below	See below	See below	See below	See below
TIGHTENING TORQUE OF LOCKNUT, IN NM	4	4	4	7	7	7
SEALS SMALL (see main Cable Management Systems Catalogue for full details pg 42/43)	KDS-DE	KDS-DE	KDS-DE	KDS-DE	KDS-DE	KDS-DE
CATALOGUE NUMBER	See Below	See Below	See Below	See Below	See Below	See Below










TYPE	Frame	Frame	Frame	Frame
CATALOGUE NUMBER	28880.4	28881.4	28882.4	28883.4
CODE NUMBER	KDSI-SR 1-4 BK	KDSI-SR 6/10 BK	KDSI-SR 8/16 BK	KDSI-SR 10/24 BK
DESCRIPTION	Screw frame with two-part protective hood	Screw frame with two-part protective hood	Screw frame with two-part protective hood	Screw frame with two-part protective hood
SET	KDSI-Set 1-4 BK	KDSI-Set 6/10 BK	KDSI-Set 8/16 BK	KDSI-Set 10/24 BK
DESCRIPTION	1 x KDSI-SR 1-4BK, 1 x KDS-Inlay 4 BK	1 x KDSI-SR 6/10 BK, 1 x KDS-Inlay 2 BK 1 x KDS-Inlay 6 BK	1 x KDSI-SR 8/16 BK, 1 x KDS-Inlay 1 BK, 1 x KDS-Inlay4 BK	1 x KDSI-SR 10/24 BK 1 x KDS-Inlay 2 BK 1 x KDS-Inlay 4 BK 1 x KDS-Inlay 6 BK
ACTUATING TOOL	KDS BW 1	KDS BW 1	KDS BW 1	KDS BW 1
CATALOGUE NUMBER	28622.0	28622.0	28622.0	28622.0
SHEET-METAL PUNCH	BL KDS-SR 1-4	BL KDS-SR 6/10	BL KDS-SR 8/16	BL KDS-SR 10/24
CATALOGUE NUMBER	28674.0	28675.0	28676.0	28677.0
REPLACEMENT PROTECTIVE HOOD (2 PART)	KDSI-AD 1-4 BK	KDSI-AD 6/10 BK	KDSI-AD 8/16 BK	KDSI-AD 10/24 BK
OUTER LOCKING MECHANISM	KDSI-AVR BK	KDSI-AVR BK	KDSI-AVR BK	KDSI-AVR BK
ACCESSORIES	INLAY	KDS-Inlay 1 BK	KDS-Inlay 1 BK	KDS-Inlay 1 BK
	INLAY	KDS-Inlay 2 BK	KDS-Inlay 2 BK	KDS-Inlay 2 BK
	INLAY	KDS-Inlay 4 BK	KDS-Inlay 4 BK	KDS-Inlay 4 BK
	INLAY	KDS-Inlay 6 BK	KDS-Inlay 6 BK	KDS-Inlay 6 BK



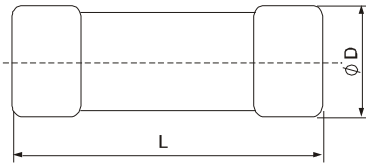



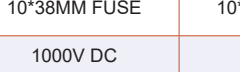
SOLAR - FATECH SURGE PROTECTION







					
SURGE PROTECTION DEVICE VOLTAGE	150V	600V	600V	1000V	1000V
SURGE PROTECTION DEVICE CLASS	TYPE II	TYPE I&II	TYPE II	TYPE I&II	Type II
COLOUR	Grey	Grey	Grey	Grey	Grey
CATALOGUE NUMBER	FVC20C/2-130PVS	FV30B+C/3 600PV	FV20C/3-600PV	FV30B+C/31000PV	FV20C/3 1000PV
DESCRIPTION	FATECH CLASS II PROTECTION RED FLAG INDICATION 150 V DC	FATECH CLASS I&II PROTECTION RED FLAG INDICATION 600V DC	FATECH CLASS II PROTECTION RED FLAG INDICATION 600V DC	FATECH CLASS I&II PROTECTION RED FLAG INDICATION 1000V DC	FATECH CLASS II PROTECTION RED FLAG INDICATION 1000V DC




SOLAR - DC FUSE HOLDER AND FUSES

						
NUMBER OF POLES	2	2	2	4	4	4
AMPERAGE RATING	16 AMPS	32 AMPS	63 AMPS	16 AMPS	32 AMPS	63 AMPS
VOLTAGE RATING	600V DC	600V DC	600V DC	1200V DC	1200V DC	1200V DC
TRIPPING TYPE	Thermal Magnetic	Thermal Magnetic	Thermal Magnetic	Thermal Magnetic	Thermal Magnetic	Thermal Magnetic
CATALOGUE NUMBER	2P16A	2P32A	2P63A	4P16A	4P32A	4P63A
DESCRIPTION	2 POLE 16 AMP MCB	2 POLE 32 AMP MCB	2 POLE 63 AMP MCB	4 POLE 16 AMP MCB	4 POLE 32 AMP MCB	4 POLE 63 AMP MCB
COLOUR	Black	Black	Black	Black	Black	Black

SOLAR - DC FUSE HOLDER AND FUSES



						
CATALOGUE NUMBER	DC 1000V FH	F2A	F6A	F10A	F12A	
DESCRIPTION	1000V DC RATED 30 AMP 10 X 38 FUSE HOLDER	10*38MM FUSE	10*38MM FUSE	10*38MM FUSE	10*38MM FUSE	
RATED VOLTAGE DC	1000V DC	1000V DC	1000V DC	1000V DC	1000V DC	
FUSE RATING	MAX 30 AMP	2 AMP	6 AMP	10 AMP	12 AMP	

					
CATALOGUE NUMBER	F15A	F16A	F20A	F25A	F30A
DESCRIPTION					
RATED VOLTAGE DC	1000V DC	1000V DC	1000V DC	1000V DC	1000V DC
FUSE RATING	15 AMP	16 AMP	20AMP	25 AMP	30 AMP

			
TYPE	Slotted DIN Rails	Plain Dotted DIN Rail	Plain DIN Rail
CODE NUMBER	HDR3575S	HDR3575DP	HDR3515P
DESCRIPTION	35 x 7.5 Slotted DIN Rail	35 x 7.5 Plain Dotted DIN Rail	35 x 15 Plain DIN Rail
STEEL GALVANISED	White passivated	White passivated	White passivated
COMPLIANCE	RoHS compliant	RoHS compliant	RoHS compliant

TRUNKING SLOTTED



			
	NARROW SLOT	STANDARD SLOT	
Size W X H (mm)	Part Number	Part Number	Carton Quantity
25 X 25	K02525NSE	K02525	80/Box
25 x 40	K02540NSE	K02540	56/Box
25 x 60	K02560NSE	K02560	40/Box
25 x 80	K02580NSE	K02580	28/Box
40 x 40	K04040NSE	K04040	38/Box
40 x 60	K04060NSE	K04060	28/Box
40 x 80	K04080NSE	K04080	28/Box
60 x 40	K06040NSE	K06040	26/Box
60 x 60	K06060NSE	K06060	18/Box
60 x 80	K06080NSE	K06080	20/Box
80 x 40	K08040NSE	K08040	28/Box
80 x 60	K08060NSE	K08060	20/Box
80 x 80	K08080NSE	K08080	16/Box
100 x 60	K10060NSE	K10060	16/Box
100 x 80	K10080NSE	K10080	12/Box

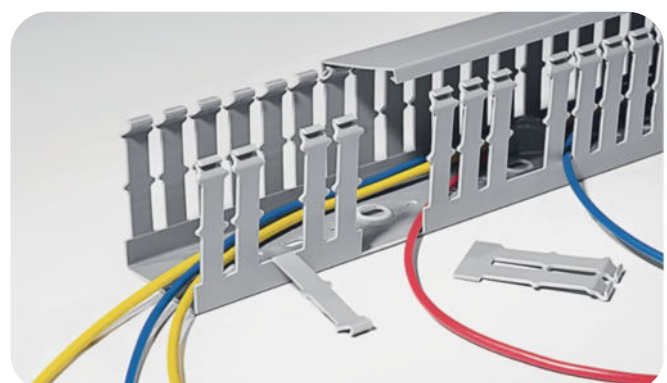
Features:

A wide range of Ducts with tight fitting lids which are easy to snap on and off. The pegs have pre-determined break points for ease of modifying your cabling. Narrow slot 6mm and Normal Slot 8mm

Material: Rigid Lead Free PVC. Flame Retardent. In accordance with UL 94 V-O, Self-extinguishing, Thermally stable, ROHS, RAL Grey

Temperature Rating: -15°C~+60°C

Length 2000mm



WOVEN SLEEVING



Features:

Polyester Expandable Sleeving. Flame Retardent and Halogen Free. Durable Abrasion Resistance. The open weave allows for easy installation on a bundle of Cables, Wires or Hoses. Totally expanded, the sleeving can reach at least 1.5 times the initial dimension.

Material: Polyester. Flammability VW-1

Standard Colour Black

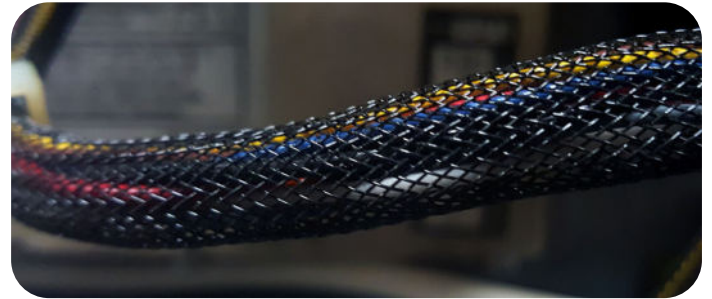
Certification UL, CSA, RoHS, PFOS, REACH, Halogen Free

Cutting Tool Hot Knife

Operating Temperature -50°C~+150°C

Melting Point +240±10°C

SIZE ID (mm)	PART NUMBER	STANDARD SPOOL LENGTH
3	53058	1000m
4	53059	500m
5	53060	500m
6	53061	500m
8	53062	350m
10	53063	350m
12	53064	300m
14	53066	250m
15	53065	250m
16	53067	250m
20	53068	200m
25	53069	200m
30	53070	150m
35	53071	100m
40	53072	100m
45	53075	100m
50	53073	100m
64	53074	100m
76	53076	50m



SPIRAL BINDING



Part number	Size Diameter mm	Colour
C0201	3 (50m)	Natural
C0205	6 (50m)	Natural
C0207-N	8 (50m)	Natural
C0209	12 (25m)	Natural
C0219-1	19 (30m)	Natural
C0200	3 (50m)	Black
C0204	6 (50m)	Black
C0207	8 (50m)	Black
C0208	12 (25m)	Black
C0219-0	19 (30m)	Black





Part number	Size mm OD x ID	Colour
MFPP1007-BK* (Split or Un-Split)	10x07	Black
MFPP1411-BK* (Split or Un-Split)	14x11	Black
MFPP1612-BK* (Split or Un-Split)	16x12	Black
MFPP2015-BK* (Split or Un-Split)	20x15	Black
MFPP2520-BK* (Split or Un-Split)	25x20	Black
MFPP1007- GY* (Split or Un-Split)	10x07	Grey
MFPP1411- GY* (Split or Un-Split)	14x11	Grey
MFPP1612- GY* (Split or Un-Split)	16x12	Grey
MFPP2015- GY* (Split or Un-Split)	20x15	Grey
MFPP2520- GY* (Split or Un-Split)	25x20	Grey

* Replace * with S=Split or U=Unsplit



Part number	Size mm OD x ID	Colour
MFNYL1007-BK	10x07	Black
MFNYL1411-BK	14x11	Black
MFNYL1612-BK	16x12	Black
MFNYL2015-BK	20x15	Black
MFNYL2520-BK	25x20	Black



Part number	Size mm OD x ID	Colour
MF10070-BK	M12X1.5	Black
MF16130-BK	M16X1.5	Black
MF16158-BK	M16X1.5	Black
MF20158-BK	M20X1.5	Black
MF20212-BK	M20X1.5	Black
MF25212-BK	M25X1.5	Black
MF25285-BK	M25X1.5	Black
MF32285-BK	M32X1.5	Black
MF32345-BK	M32X1.5	Black
MF40345-BK	M40X1.5	Black
MF40425-BK	M40X1.5	Black
MF50545-BK	M50X1.5	Black
MF63545-BK	M63X1.5	Black

GROMMETS - STANDARD



Part number	Size mm PH x ID x OD x PT (Panel Hole x Internal Diameter x Outside Diam- eter x Panel Thickness)
TDHV2214	6,4 x 4,8 x 0,8 x 9,6
TDHV3108	8,0 x 5,6 x 1,6 x 11,1
TDHV3109A	9,5 x 6,4 x 1,6 x 14,3
TDHV2156	9,5 x 7,9 x 1,6 x 14,3
TDHV2215	12,7 x 7,9 x 1,6 x 19,0
TDHV3110	12,7 x 9,5 x 1,6 x 17,5
TDHV3556A	14,3 x 11,0 x 3,2 x 19,0
TDHV2412	19,0 x 12,0 x 1,6 x 25,4
TDHV4512	21,0 x 19,0 x 1,2 x ??
TDHV2166C	25,4 x 22,2 x 3,2 x 38,9

GROMMETS - DIAPHRAGM & STRIPS



Part number	Size mm PH x PT x OD(Panel Hole x Panel Thickness x Outside Diameter)
10187	20.0 x 14.0 x 1.5
10806	25.5 x 19.0 x 2.4
19430	32.0 x 25.5 x 2.4
19442	42.0 x 31.0 x 2.4



Part number	Size mm	Colour
C0494	1.0~1.3	Natural
C0495	1.3~2.2	Natural
C0475-0	1.3~2.2	Black
C0496	2.2~3.4	Natural
C0496-0	2.2~3.4	Black
PV321UFLEX	3.3	Black

SNAP BUSHINGS & BLANKING PLUGS



SNAP BUSHINGS

Part Number	Size (mm)
Snap Bushing	Mounting Hole
22MP01015 (miniature)	8.0
22MP01030 (miniature)	12.7
22MP02502 (standard)	6.6
22MP03123 (standard)	8.0
22MP03754 (standard)	9.5
22MP04375 (standard)	11.1
22MP05006 (standard)	12.7
22MP05627 (standard)	14.3
22MP06258 (standard)	15.9
22MP06879 (standard)	17.5
22MP07510 (standard)	19.1
22MP08110 (standard)	20.6
22MP08711 (standard)	22.2
22MP10012 (standard)	22.2
22MP10915 (standard)	27.8
22MP11815 (standard)	30.2
22MP12515 (standard)	31.7
22MP13716 (standard)	34.9
22MP15018 (standard)	38.1
22MP17522 (standard)	44.4
22MP20026 (standard)	50.8



HOLE PLUGS

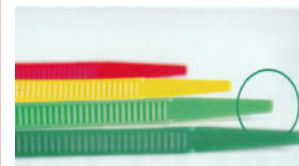
Part Number	Size (mm)
Hole plug / Blanking Plate	Mounting Hole
62MP0187	4.8
62MP0250	6.4
62MP0312	8.0
62MP0375	9.5
62MP0437	11.0
62MP0500	12.7
62MP0562	14.3
62MP0625	15.9
62MP0687	17.5
62MP0750	19.0
62MP0812	20.6
62MP0875	22.2
62MP1000	25.5
62MP1093	28.5
62MP1187	30.1
62MP1250	32.0
62MP1375	35.0
62MP1500	38.0
62MP1750	45.0
62MP2000	51.0
62MP2500	63.5

100 x 2.5	30 000	100		24	11	5203S
				24	11	5303S
	5 000	100		24	11	5303S - 2
				24	11	5303S - 3
				24	11	5303S - 4
				24	11	5303S - 5
				24	11	5303S - 6
				24	11	5303S - 7
				24	11	5303S - 8
				24	11	5303S - 9
				24	11	5303S - 11
	50 000	1 000		24	11	5203S - 1000
				24	11	5303S - 1000
	140 x 3.5	20 000	100		36	20
				36	20	5309S
5 000		100		36	20	5309S - 2
				36	20	5309S - 3
				36	20	5309S - 4
				36	20	5309S - 5
				36	20	5309S - 6
				36	20	5309S - 7
				36	20	5309S - 8
				36	20	5309S - 9
				36	20	5309S - 11
200 x 4.5	10 000	100		51	28	5215S
				51	28	5315S
	5 000	100		51	28	5315S - 2
				51	28	5315S - 3
				51	28	5315S - 4
				51	28	5315S - 5
				51	28	5315S - 6
				51	28	5315S - 7
				51	28	5315S - 8
				51	28	5315S - 9
				51	28	5315S - 11
280 x 4.5	10 000	100		76	28	5216S
				76	28	5316S
	5 000	100		76	28	5316S - 2
				76	28	5316S - 3
				76	28	5316S - 4
				76	28	5316S - 5
				76	28	5316S - 6
				76	28	5316S - 7
				76	28	5316S - 8
				76	28	5316S - 9
				76	28	5316S - 11
300 x 4.5	8 000	100		82	28	5217S
				82	28	5317S
360 x 4.5	8 000	100		101	28	5219S
				101	28	5319S
280 x 7.5	4 000	100		76	65	5326S
360 x 7.5	3 000	100		101	65	5227S
				101	65	5327S
450 x 7.5	2 500	100		130	65	5329S
500 x 12.5	1 000	50		140	120	5337S

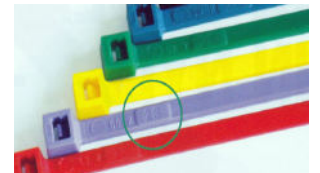
Temperature rating: -40°C ~ +85°C. UL 94: V2 self-extinguishing ties. The cable ties are serrated and held in place by the resistance of the flexible tooth against the rack. The tail of the strap is pulled through the head to form a noose that can only be tightened. Used to fix and seal. The work load is calculated using a safety coefficient of no less than 2. A load of no higher than 10% of the work load should be applied.



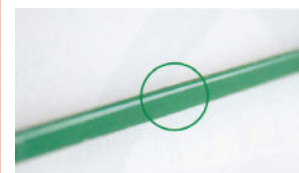
Features



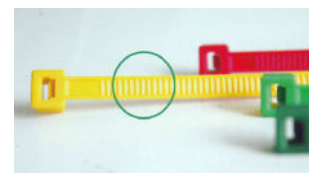
Maximum cable diameter. The tie tip is straight: this design has been chosen to increase the admissible cable diameter to the maximum value.



Maximum identification. All ties are stamped on the underside with the SapiSelco mark or the symbol 2S.



Minimum impact on Secured materials. Rounded off edges avoid damage to cables.



Maximum efficiency. All racks reach the underside of the tie head to increase the minimum securing diameter.

CABLE TIES - NYLOC



Temperature rating: -40°C ~ +85°C. Material: Nylon 6.6. Uses up to 30% less raw material for increased performance. The absence of raised edges results in a considerable reduction of tie width, for a thinner and more flexible product. The insertion of the crimp beneath the tightening tooth ensures an excellent level of performance, with opening loads equivalent to those of products of greater width. The internal rack guarantees greater grip for all applications and the rounded head ensures the even absorption of work-load for high performance tightening.

mm	Box	Bag	Color	Length	Weight (kg daN)	Part No.
100 x 1.9	30 000	100	White	1.5 ~ 24	11	NYL.2.2102
			Black	1.5 ~ 24	11	NYL.3.2102
200 x 2.5	20 000	100	White	2.5 ~ 55	18	NYL.2.2111
			Black	2.5 ~ 55	18	NYL.3.2111
200 x 3.5	10 000	100	White	4 ~ 55	28	NYL.2.2123
			Black	4 ~ 55	28	NYL.3.2123
280 x 3.5	10 000	100	White	4 ~ 75	28	NYL.2.2125
			Black	4 ~ 75	28	NYL.3.2125
300 x 3.5	10 000	100	White	4 ~ 85	28	NYL.2.2129
			Black	4 ~ 85	28	NYL.3.2129
360 x 3.5	8 000	100	White	4 ~ 104	28	NYL.2.2126
			Black	4 ~ 104	28	NYL.3.2126
360 x 4.5	3 000	100	White	3 ~ 101	60	NYL.2.2134
			Black	3 ~ 101	60	NYL.3.2134
750 x 4.5	2 000	100	White	32 ~ 225	60	NYL.2.2141
			Black	32 ~ 225	60	NYL.3.2141



CABLE TIES - UV PROTECTED NYLON CABLE TIES

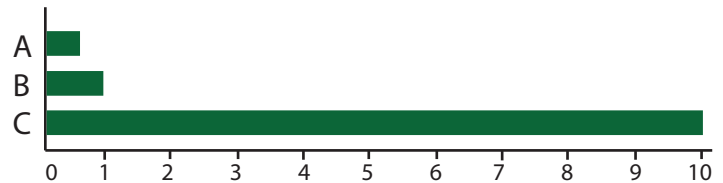


Temperature rating: -40°C ~ +85°C. Black nylon UV protected self-extinguishing V2: UL94. Working life of the cable ties, when exposed to the sun, is in line with the material used.



mm	Box	Bag	Color	Length	Weight (kg daN)	Part No.
100 X 2.5	30 000	100	Black	24	11	5303S - UV
140 x 3.5	20 000	100	Black	36	20	5309S - UV
200 x 4.5	10 000	100	Black	51	28	5315S - UV
300 x 4.5	8 000	100	Black	82	28	5317S - UV
360 x 4.5	8 000	100	Black	101	28	5319S - UV
280 x 7.5	4 000	100	Black	76	65	5326S - UV
360 x 7.5	3 000	100	Black	101	65	5327S - UV
500 x 12.5	1 000	100	Black	140	120	5337S - UV

Working Life (years)
 A = Standard Tie Natural
 B = Standard Tie UV Stabilised
 C = UV Protected



CABLE TIES - CERTIFICATION



Certificates of approval for cable ties series SEL
 CA01.00073, CA01.00076, CA01.00591, CA01.00591
 (reference standards EN 62275:2009, B.T. 2006/95/EC)



LR Type Approval Certificate
 n°00/00017 (reference standards UL
 94-V2, UL 1565, IEC 60092-101)



GL Type Approval Certificate n°99173-96
 HH (reference standard IEC 60092-101,
 UL 1565)

Certificates of approval for cable ties series ME.t
 CA01.00172, CA01.00175 (reference standards EN
 62275:2009, B.T. 2006/95/EC)



CE Marking: self-certification (reference
 standard B.T. 2006/95/EC – 93/68/EEC)



Qualified Products List (QPL 23190)
 n°02635201.AA/10-11-99 (reference stand-
 ard MIL-C-23190)

Certificate of Type Approval n°09113/A1 BV file n°ACE
 14/725/02 (reference standard IEC 60092)



File E 160935 (reference standards UL
 94, UL 1565)



Type Approved Certificate n°E-6650 (refer-
 ence standard IEC 60092-101 BV Rules)

Type Approval Certificate ELE 349307CS (reference
 standard IEC 60092-101)



Self-declaration of conformity (reference
 standards 2011/65/EU, Legislative
 Decree 151-25/07/2005)



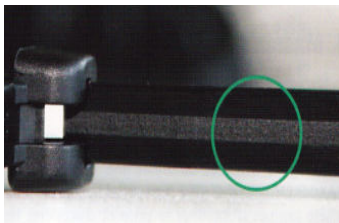
R.E.A.C.H., Self-declaration of conformity
 (1907/2006)

Temperature rating: -40°C ~ +85°C. ME.T NYLON CABLE TIES WITH STAINLESS STEEL TOOTH - The special design of the ME.T cable tie guarantees maximum resistance and safety even in the most extreme applications

mm	Box	Bag	Color	UV	kg daN	Tag
100 x 2.5	15 000	100	□	24	18	MET.2.2102
			■	24	18	MET.3.2102
200 x 2.5	10 000	100	□	55	18	MET.2.2105
			■	55	18	MET.3.2105
140 x 3.5	10 000	100	□	36	28	MET.2.2110
			■	36	28	MET.3.2110
200 x 3.5	6 000	100	□	55	28	MET.2.2111
			■	55	28	MET.3.2111
280 x 3.5	6 000	100	□	80	28	MET.2.2112
			■	80	28	MET.3.2112
186 x 4.5	5 000	100	□	51	40	MET.2.2123
			■	51	40	MET.3.2123
290 x 4.5	5 000	100	□	76	40	MET.2.2140
			■	76	40	MET.3.2140
360 x 4.5	4 000	100	□	101	40	MET.2.2126
			■	101	40	MET.3.2126
360 x 7.5	1 500	50	□	101	80	MET.2.2534
			■	101	80	MET.3.2534



Features



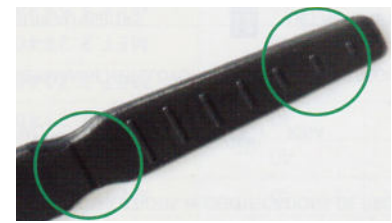
Maximum Flexibility.

The classic rack has been replaced by a single central raised section, making the ME.T tie particularly flexible, while guaranteeing maximum strength at the same time.



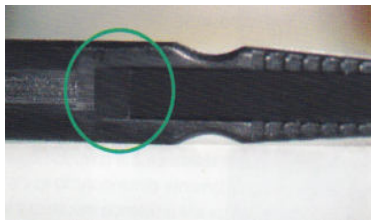
Maximum resistance to opening.

The increased size of the hardened stainless steel teeth (with added Molybdenum) ensures extremely high mechanical strength and optimal resistance to corrosion.



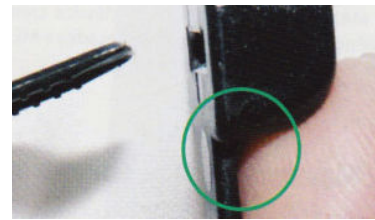
Highly practical application.

The "spearhead" tip, a characteristic of the entire SapiSelco range, facilitates insertion of the tie, while the knurled sections above and below the tip enhance grip.



Optimal ease of insertion.

The special design of the ME.T cable tie enables smoother insertion of the steel tooth, reducing the required insertion force.



Total ergonomics.

The ME.T tie represents the utmost in practical installation: the design of the head optimises grip, thereby speeding up application.

Temperature rating: -40°C ~ +85°C. Material: Thermo-Plastic. Sunlight Resistant. Resistant to Solvents, Reagents, Bases, Saline Solutions, Sea Water, Oils, Greases, Petrol Products, Soaps, Detergents and Alcohols. NOT Resistant to Mineral Acids and Organic Acids. NOT Self-extinguishing.



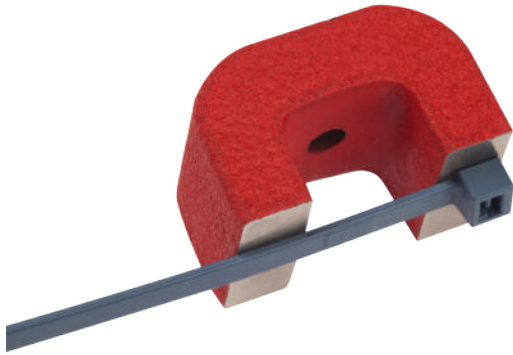
mm	Box	Bag	Color	UV	kg daN	Tag
115 x 6	3 500	100	■	5~22	25	COL.3.410
175 x 6	3 500	100	■	5~40	25	COL.3.411
265 x 6	2 000	100	■	10~70	25	COL.3.412
360 x 6	1 400	100	■	25~93	25	COL.3.413
120 x 9	3 500	100	■	5~22	30	COL.3.419
180 x 9	3 500	100	■	10~45	30	COL.3.420

mm	Box	Bag	Color	UV	kg daN	Tag
259 x 9	2 000	100	■	15~63	40	COL.3.421
360 x 9	1 400	100	■	25~93	40	COL.3.422
500 x 9	1 000	100	■	65~135	40	COL.3.423
750 x 9	700	100	■	67~215	40	COL.3.424

DET METAL DETECTABLE CABLE TIES



Temperature rating: -40°C ~ +65°C. Material: Nylon 6.6. A special 6.6 polyamide is used, with metal powder additive, which makes them sensitive to electromagnetic fields. Recommended in the food, pharmaceutical and chemical industry; in these applications, for safety reasons it is important that possible fragments of these ties, lost among products, must be able to be located by means of a metal detector.



mm	Box	Bag	Color	Length	Weight (kg daN)	Code
100 x 2.5	5 000	100	■	2 ~24	10	DET.11.210
140 x 3.5	5 000	100	■	3 ~36	18	DET.11.2110
200 x 4.5	5 000	100	■	3 ~51	25	DET.11.2123
250 x 4.5	5 000	100	■	5 ~68	25	DET.11.2124
280 x 4.5	5 000	100	■	5 ~ 76	25	DET.11.2140
380 x 4.5	3 500	100	■	5 ~110	25	DET.11.2127
360 x 7.5	1 500	100	■	5 ~101	60	DET.11.2134

CLT REOPENABLE CLICK CABLE TIES



Temperature rating: -15°C ~ +85°C. Material: LDPE. Click ties are low-cost, reopenable and reusable, suitable for lightweight loads.

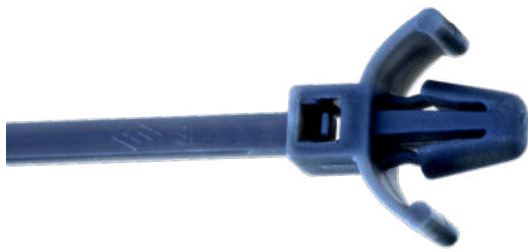
mm	Box	Bag	Color	Length	Weight (kg daN)	Code
120 x 3.5	5 000	100	■	3 ~26	80	CLT.10.2110R
240 x 3.8	4 000	100	■	4 ~61	160	CLT.10.2116R
320 x 4.4	2 500	100	■	5 ~83	210	CLT.10.2129R
500 x 5.6	1 000	100	■	40 ~140	320	CLT.10.2129R
650 x 5.6	1 000	100	■	80 ~180	320	CLT.10.2157R



SCA CLIP-ON CABLE TIES



Temperature rating: -25°C ~ +75°C. Flammability V2. Material: Nylon 6.6. This special cable tie is self extinguishing V2 nylon and has a specially designed push-mount head. Perfect for use in the automotive industry.



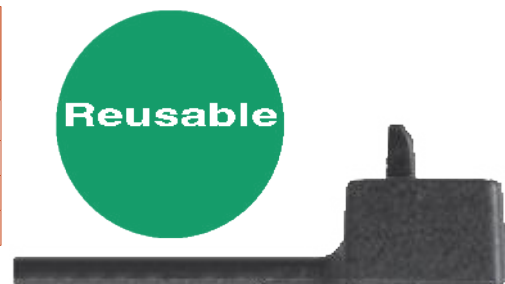
mm	Box	Bag	Color	Length	Weight (kg daN)	Code
100 x 2.5	5 000	100	□	4 ~24	11	SCA.2.202
			■	4 ~24	11	SCA.3.202
140 x 3.5	5 000	100	□	4 ~32	20	SCA.2.210
			■	4 ~32	20	SCA.3.210

RID REOPENABLE CABLE TIES



Temperature rating: -25°C ~ +75°C. Material: Nylon 6.6. These cable ties have a tongue for temporary cabling/fixing applications, enabling the tie to be reused.

	Box	Bag	Color	Length	Weight (kg daN)	Code
250 x 33.5	13 000	100	□	3 ~68	20	RID.2.216
			■	3 ~68	20	RID.3.216
280 x 3.5	13 000	100	□	3 ~80	20	RID.2.212
			■	3 ~80	20	RID.3.212



RIA REOPENABLE CABLE TIES

Temperature rating: -15°C ~ +75°C. Material: Nylon 6.6. These cable ties have a tongue for temporary cabling/fixing applications, enabling the tie to be reused.



mm	Box	Bag	Color	Flammability	kg daN	Tag
200 x 7.5	5 000	100	□	10 ~50	36	RIA.2.232
			■	10 ~50	36	RIA.3.232
250 x 7.5	5 000	100	□	10 ~65	36	RIA.2.231
			■	10 ~65	36	RIA.3.231
280 x 7.5	4 000	100	□	10 ~70	36	RIA.2.233
			■	10 ~70	36	RIA.3.233
360 x 7.5	3 000	100	□	10 ~100	36	RIA.2.234
			■	10 ~100	36	RIA.3.234

OCH SCREW MOUNT CABLE TIES

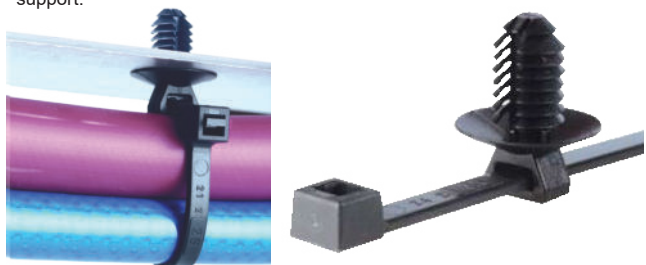
Temperature rating: -5°C ~ +85°C. Material: Nylon 6.6. The eyelet tie is designed to tie cable bundles onto even sharp-edged supports, by rivets or screws inserted through the eyelet.

mm	Box	Bag	Color	Flammability	kg daN	Tag
280 x 7.5	4 000	100	□	10 ~70	36	OCH.2.2123
360 x 7.5	3 000	100	■	10 ~100	36	OCH.3.2123



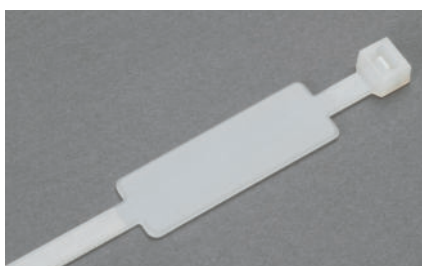
SLE FIR TREE CLIPS

Flammability V2. Material: Nylon 6.6. The plug is press-fit onto sheet steel or other suitable material of an adequate thickness. the tie is inserted in the relative slot on the support.



mm	Box	Bag	Color	Flammability	kg daN	Tag
8 x 20	5 000	100	□	6.4 ~ 7.1	5	SLE.2.2101
8 x 20	5 000	100	■	6.4 ~ 7.1	5	SLE.3.2101

SEL MARKER TIES



Horizontal:
Temperature rating: -15°C ~ +75°C. Material: Nylon 6.6. Flammability V2. Size: 8x25 mm. Self-extinguishing V2. The built-in identification tag can be marked to identify cables, temporary cabling/fixing applications, enabling the tie to be reused.



Vertical:
Temperature rating: -15°C ~ +75°C. Material: Nylon 6.6. Flammability V2. Size: 35x13 mm. Self-extinguishing V2. The built-in identification tag can be marked to identify cables.



Maxi-Tie:
Temperature rating: -15°C ~ +75°C. Material: Nylon 6.6. Flammability V2. Size: 83x51 mm. The identification tag is a single unit with the head of the cable tie. The dimension and the form of the identification tag allows for big and clear markings.

mm	Box	Bag	Color	Flammability	kg daN	Tag
100 x 2.5	5 000	100	□	10 ~ 25	11	SEL.2.202T Horizontal
200 x 2.5	5 000	100	□	10 ~ 50	11	SEL.2.205T Horizontal
200 x 4.8	5 000	100	□	16 ~ 50	28	SEL.2.223T Vertical
290 x 4.8	4 000	100	□	16 ~ 90	28	SEL.2.425T Vertical
280 x 7.5	1 500	100	■	5 ~ 70	45	SEL.10.533T Maxi Tie

SUB PUSH BUTTON CLIPS



Flammability V2. Material: Nylon 6.6. The button is positioned for press-fitting in the panel of suitable thickness following drilling. The tie is inserted in the slot of the button body.



mm	Box	Bag	Color	Length (mm)	Width (mm)	Height (mm)	Code
10 x 6.5	2 000	1 000	White	6.5	4.5	3.2	SUB.2.2301
10 x 6.5	2 000	1 000	Black	6.5	4.5	3.2	SUB.3.2301

SUP SADDLE CLIP-IN SUPPORTS



Flammability V2. Material Nylon 6.6. The plug is press-fit onto a suitable panel following drilling. The tie is inserted in a special guide

mm	Box	Bag	Color	Length (mm)	Width (mm)	Height (mm)	Code
38 x 45	1 500	500	White	9 ~ 11	12.5	3 ~ 8	SUP.2.2707
38 x 45	1 500	500	Black	9 ~ 11	12.5	3 ~ 8	SUP.3.2707



SUP SUPPORTS



Flammability V2. Material: Nylon 6.6. Rod and Pipe nylon support - designed to fix two pipes to the wall at a set distance and in parallel with each other using two 9 mm collars/ cable ties.



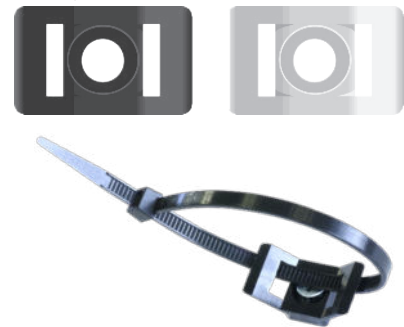
mm	Box	Bag	Color	Length (mm)	Width (mm)	Code
19.2 x 10 x 6.2	3 000	100	White	3.8	5	SUP.2.405
19.2 x 10 x 6.2	3 000	100	Black	3.8	5	SUP.3.405

SUP SADDLE SUPPORTS



Flammability V2. Material: Nylon 6.6. Self-Extinguishing. Saddle cable support to be used with screw and wall plug for fixing a cable tie to the wall. The spacer pin keeps the cable from coming in contact with the wall, thus safeguarding electrical insulation.

mm	Box	Bag	Color	Length (mm)	Width (mm)	Code
30 x 15 x 12	3 000	100	White	5	9	SUP.2.401
			Black	5	9	SUP.3.401
44 x 19 x 16	1 500	50	White	12	12	SUP.2.2508
			Black	6.5	12	SUP.3.2508



NYLON ADHESIVE BASES



Flammability V2. Material: Nylon 6.6. The double-sided adhesive facilitates manual detachment and the application of single base.




mm	Box	Bag	Color	Width (mm)	Code
13 x 13	1 000	100	White	3.2	HC100
			Black	3.2	HC100-1
20 x 20	1 000	100	White	4.8	HC101
			Black	4.8	HC101-1
30 x 30	1 000	100	White	5.5	HC102
			Black	5.5	HC102-1

STAINLESS STEEL CABLE TIES

Stainless Steel Ball Ties - 304 SS






Un-Coated Stainless Steel Ball-Lock Cable Ties - 304 SS

				
150 x 4.6	100	3 ~ 35	35 ~ 45	TDBT6S
200 x 4.6	100	3 ~ 40	35 ~ 45	TDBT8S
250 x 4.6	100	3 ~ 60	35 ~ 45	TDBT9S
300 x 4.6	100	3 ~ 80	35 ~ 45	TDBT12S
350 x 4.6	100	3 ~ 90	35 ~ 45	TDBT14S
400 x 4.6	100	3 ~ 105	35 ~ 45	TDBT17S
150 x 8.0	100	3 ~ 35	50 ~ 70	TDBT6H
200 x 8.0	100	3 ~ 40	50 ~ 70	TDBT8H
250 x 8.0	100	4 ~ 60	50 ~ 70	TDBT9H
300 x 8.0	100	4 ~ 80	50 ~ 70	TDBT12H
400 x 8.0	100	4 ~ 105	50 ~ 70	TDBT14H
520 x 8.0	100	4 ~ 150	50 ~ 70	TDBT18H
520 x 4.6	100	4 ~ 150	50 ~ 70	TDBT18S
840 x 8.0	100	4 ~ 170	50 ~ 70	TDBT30H
210 x 12.0	100	15 ~ 50	100 ~ 120	TDBT8L
300 x 12.0	100	15 ~ 80	100 ~ 120	TDBT12L
400 x 12.0	100	15 ~ 105	100 ~ 120	TDBT17L
440 x 12.0	100	15 ~ 120	100 ~ 120	TDBT16L
610 x 12.0	100	15 ~ 150	100 ~ 120	TDBT25L
830 x 12.0	100	15 ~ 370	100 ~ 120	TDBT30L



Stainless Steel Ball Ties - 316 SS






Uncoated Stainless Steel Ball-Lock Cable Ties - 316 SS

				
150 x 4.6	100	3 ~ 35	35 ~ 45	TDBT6S316
200 x 4.6	100	3 ~ 40	35 ~ 45	TDBT8S316
250 x 4.6	100	3 ~ 60	35 ~ 45	TDBT9S316
300 x 4.6	100	3 ~ 80	35 ~ 45	TDBT12S316
350 x 4.6	100	3 ~ 90	35 ~ 45	TDBT14S316
400 x 4.6	100	3 ~ 105	35 ~ 45	TDBT17S316
150 x 8.0	100	3 ~ 35	50 ~ 70	TDBT6H316
200 x 8.0	100	3 ~ 40	50 ~ 70	TDBT8H316
250 x 8.0	100	4 ~ 60	50 ~ 70	TDBT9H316
300 x 8.0	100	4 ~ 80	50 ~ 70	TDBT12H316
400 x 8.0	100	4 ~ 105	50 ~ 70	TDBT14H316
520 x 8.0	100	4 ~ 150	50 ~ 70	TDBT18H316
520 x 4.6	100	4 ~ 150	50 ~ 70	TDBT18S316
840 x 8.0	100	4 ~ 170	50 ~ 70	TDBT30H316
210 x 12.0	100	15 ~ 50	100 ~ 120	TDBT8L316
300 x 12.0	100	15 ~ 80	100 ~ 120	TDBT12L316
400 x 12.0	100	15 ~ 105	100 ~ 120	TDBT17L316
610 x 12.0	100	15 ~ 120	100 ~ 120	TDBT25L316
830 x 12.0	100	15 ~ 150	100 ~ 120	TDBT30L316

STAINLESS STEEL BALL TIES






Stainless Steel Ball Ties - 304 & 316 SS PLASTIC COATED

Plastic Coated Stainless Steel Ball-Lock Cable Ties - 304 SS Plastic Coated

				
150 x 4.6	100	3 ~ 35	35 ~ 45	TDBT6SC
200 x 4.6	100	3 ~ 40	35 ~ 45	TDBT8SC
250 x 4.6	100	3 ~ 60	35 ~ 45	TDBT9SC
300 x 4.6	100	3 ~ 80	35 ~ 45	TDBT12SC
350 x 4.6	100	3 ~ 90	35 ~ 45	TDBT14SC
400 x 4.6	100	3 ~ 105	35 ~ 45	TDBT17SC
150 x 8.0	100	3 ~ 35	50 ~ 70	TDBT6HC
200 x 8.0	100	3 ~ 40	50 ~ 70	TDBT8HC
250 x 8.0	100	4 ~ 60	50 ~ 70	TDBT9HC
300 x 8.0	100	4 ~ 80	50 ~ 70	TDBT12HC
400 x 8.0	100	4 ~ 105	50 ~ 70	TDBT14HC
520 x 8.0	100	4 ~ 150	50 ~ 70	TDBT18HC
520 x 4.6	100	4 ~ 150	50 ~ 70	TDBT18SC
840 x 8.0	100	4 ~ 170	50 ~ 70	TDBT30HC
210 x 12.0	100	15 ~ 50	100 ~ 120	TDBT8LC
300 x 12.0	100	15 ~ 80	100 ~ 120	TDBT12LC
400 x 12.0	100	15 ~ 105	100 ~ 120	TDBT17LC
610 x 12.0	100	15 ~ 120	100 ~ 120	TDBT25LC
830 x 12.0	100	15 ~ 150	100 ~ 120	TDBT30LC







Plastic Coated Stainless Steel Ball-Lock Cable Ties - 316 SS Plastic Coated

				
150 x 4.6	100	3 ~ 35	35 ~ 45	TDBT6SC316
200 x 4.6	100	3 ~ 40	35 ~ 45	TDBT8SC316
250 x 4.6	100	3 ~ 60	35 ~ 45	TDBT9SC316
300 x 4.6	100	3 ~ 80	35 ~ 45	TDBT12SC316
350 x 4.6	100	3 ~ 90	35 ~ 45	TDBT14SC316
400 x 4.6	100	3 ~ 105	35 ~ 45	TDBT17SC316
150 x 8.0	100	3 ~ 35	50 ~ 70	TDBT6HC316
200 x 8.0	100	3 ~ 40	50 ~ 70	TDBT8HC316
250 x 8.0	100	4 ~ 60	50 ~ 70	TDBT9HC316
300 x 8.0	100	4 ~ 80	50 ~ 70	TDBT12HC316
400 x 8.0	100	4 ~ 105	50 ~ 70	TDBT14HC316
520 x 8.0	100	4 ~ 150	50 ~ 70	TDBT18HC316
520 x 4.6	100	4 ~ 150	50 ~ 70	TDBT18SC316
840 x 8.0	100	4 ~ 170	50 ~ 70	TDBT30HC316
210 x 12.0	100	15 ~ 50	100 ~ 120	TDBT8LC316
300 x 12.0	100	15 ~ 80	100 ~ 120	TDBT12LC316
400 x 12.0	100	15 ~ 105	100 ~ 120	TDBT17LC316
610 x 12.0	100	15 ~ 120	100 ~ 120	TDBT25LC316
830 x 12.0	100	15 ~ 150	100 ~ 120	TDBT30LC316

STAINLESS STEEL STRAPPING





304 SS STRAPPING - LIGHT DUTY

 mm	 mm	 m	
9.5	0.55	30	1020
12.7	0.55	30	1021
16.0	0.55	30	1022
19.0	0.55	30	1023







304 SS STRAPPING - HEAVY DUTY



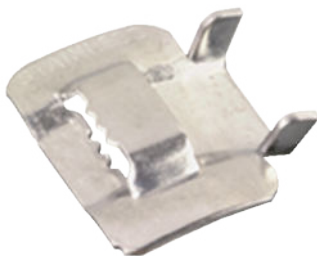
 mm	 mm	 m	
9.5	0.7	30	1040
12.7	0.7	30	1041
16.0	0.7	30	1042
19.0	0.7	30	1043





304 SS BUCKLES - LIGHT DUTY

 mm	 mm		
9.5	0.55	100	1030
12.7	0.55	100	1031
16.0	0.55	100	1032
19.0	0.55	100	1033







304 SS BUCKLES - HEAVY DUTY



 mm	 mm		
9.5	0.7	100	1010
12.7	0.7	100	1011
16.0	0.7	100	1012
19.0	0.7	100	1013

316 SS STRAPPING - HEAVY DUTY





 mm	 mm	 m	
9.5	0.7	30	1050
12.7	0.7	30	1051
16.0	0.7	30	1052
19.0	0.7	30	1053



STAINLESS STEEL STRAPPING

316 SS BUCKLES - HEAVY DUTY



 mm	 mm		
9.5	0.7	100	1060
12.7	0.7	100	1061
16.0	0.7	100	1062
19.0	0.7	100	1063

HEATSHRINK



Features:

HSCB tubing is a halogen-free flexible, flame retardant heatshrinkable tubing. This tubing is low smoke generating, abrasion resistant and in the case of burning, no dioxin is produced. The typical properties are flame-retardant, good resistance to common fluids and solvents and a high dielectric strength. So it is suitable for a wide range of applications, including electrical insulation, strain relief, cable bonding, colour-coding and identification of wires, cables, electrical and electronic components, underground trains, skyscrapers, mass transit vehicles and ships. It has gained UL1250C recognition and the potential rating of 600V. ROHS Compliant

THINWALL SLEEVING		DUAL WALL TUBING - BLACK ONLY			MEDIUM WALL TUBING - BLACK ONLY			END CAPS BLACK ONLY	
SIZE ID (mm)	PART NUMBER	SIZE ID (mm)	PART NUMBER	LENGTH	SIZE ID (mm)	PART NUMBER	LENGTH	SIZE ID (mm) Supplies/Recovered	PART NUMBER
1.2mm	HSCB0012-*	3.0/1.0mm	CB-DWT-3.0/1.0-M	1m	8.0/2.0mm	MWA 8/2	1.2m Length	12/4	GEC001
1.6mm	HSCB0016-*	4.5/1.5mm	CB-DWT-4.5/1.5-M	1m	9.0/3.0mm	MWA 9/3	1.2m Length	21/7,5	GEC101
2.4mm	HSCB0024-*	6.0/2.0mm	CB-DWT-06/2-M	1m	12.0/4.0mm	MWA 12/3	1.2m Length	30/11	GEC102
3.2mm	HSCB0032-*	9.0/3.0mm	CB-DWT-09/3-M	1m	19.0/5.0mm	MWA 19/5	1.2m Length	40/15	GEC201
4.8mm	HSCB0048-*	12.0mm/4.0mm	CB-DWT-12/4	1.2m Length	28.0/6.0mm	MWA 28/6	1.2m Length	55/25	GEC301
6.4mm	HSCB0064-*	19.0/6.0mm	CB-DWT-19/6	1.2m Length	33.0/8.0mm	MWA 33/8	1.2m Length	75/35	GEC401
9.5mm	HSCB0095-*	24.0/8.0mm	CB-DWT-24/8	1.2m Length	40.0/12.0mm	MWA 40/12	1.2m Length	100/45	GEC501
12.7mm	HSCB0127-*	40.0/12.0mm	CB-DWT-40/12	1.2m Length	55.0/16.0mm	MWA 55/16	1.2m Length	130/60	GEC601
19.0mm	HSCB0190-*				65.0/19.0mm	MWA 65/19	1.2m Length	158/60	GEC701
25.4mm	HSCB0254-*				75.0/22.0mm	MWA 75/22	1.2m Length		
30.0mm	HSCB0300-*				85.0/25.0mm	MWA 85/25	1.2m Length		
35.0mm	HSCB0350-*				95.0/25.0mm	MWA 95/25	1.2m Length		
38.1mm	HSCB0381-*				115.0/34.0mm	MWA115/34	1.2m Length		
50.8mm	HSCB0508-*				140.0/42.0mm	MWA140/42	1.2m Length		
76.2mm	HSCB0762-*				160.0/50.0mm	MWA160/50	1.2m Length		
101.6mm	HSCB1016-*				175.0/58.0mm	MWA175/58	1.2m Length		
					205.0/65.0mm	MWA205/65	1.2m Length		

Replace * 2 = Red; 4 = Yellow; 5 = Green; 6 = Blue; 9 = White; 0 = Black; 4/5 = Yellow/Green

INSULATION TAPE

Part number	Size mm OD x ID	Colour
NITTO 21-*	0.20mmx18mmx20m	*=Colours
TD2-*	0.18mmx18mmx20m	*=Colours
MAXTORQUEB50 (MAXTAPEB50)	0.76mmx18mmx9m	Black

Replace * 0=Black, 2=Red, 4=Yellow, 5=Green, 6=Blue, 9=White, 4/5=Green/Yellow



CABLE MARKERS - Z-TYPE


Part number	Size mm OD	Colour	Part number	Size mm OD	Colour
C0580-2-4-1	1.5 - 2.0 (5)	Yellow on Reels	C0580-2-9-1	1.5 - 2.0 (5)	White on Reels
C0581-2-4-1	2.0 - 3.2 (7)	Yellow on Reels	C0581-2-9-1	2.0 - 3.2 (7)	White on Reels
C0615-2-4-1	2.5 - 4.0 (9)	Yellow on Reels	C0615-2-9-1	2.5 - 4.0 (9)	White on Reels
C0616-2-4-1	2.9 - 4.7 (11)	Yellow on Reels	C0616-2-9-1	2.9 - 4.7 (11)	White on Reels
C0617-2-4-1	3.4 - 5.7 (13)	Yellow on Reels	C0617-2-9-1	3.4 - 5.7 (13)	White on Reels
C0618-2-4-1	3.8 - 6.3 (15)	Yellow on Reels	C0618-2-9-1	3.8 - 6.3 (15)	White on Reels
C0620-2-4-1	4.3 - 6.9 (18)	Yellow on Reels	C0620-2-9-1	4.3 - 6.9 (18)	White on Reels
C0622-2-4-1	5.5 - 8.9 (23)	Yellow on Reels	C0622-2-9-1	5.5 - 8.9 (23)	White on Reels



COPPER FLAT PINS & FERRULES



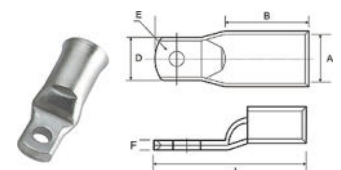
Size (mm ²)	Part Number
10	10FP
16	16FP
25	25FP
35	35FP
50	50FP
70	70FP
95	95FP



Length	Cable Size (mm ²)	Part Number	Length	Cable Size (mm ²)	Part Number
12.0	1.5	F 1.5	38.6	300	F95
15.0	2.5	F 2.5	42.9	500	F120
15.0	4	F 4	48.1	800	F150
15.0	6	F 6	53.6	185	F185
20.0	10	F10	60.0	250	F240
20.0	16	F16	67.0	300	F300
24.7	35	F25	80.0	400	F400
27.5	70	F35	90.0	500	F500
30.8	120	F50	110.0	630	F630
34.4	185	F70			

NARROW PALM LUGS FOR CIRCUIT BREAKERS

Part Number	Description (mm ² x mm)	Part Number	Description (mm ² x mm)
35X06NP	35 x 6 Narrow Palm Lugs	120X08NP	120 x 8 Narrow Palm Lugs
35X08NP	35 x 8 Narrow Palm Lugs	120X10NP	120 x 10 Narrow Palm Lugs
50X06NP	50 x 6 Narrow Palm Lugs	150X08NP	150 x 08 Narrow Palm Lugs
50X08NP	50 x 8 Narrow Palm Lugs	150X10NP	150 x 10 Narrow Palm Lugs
50X10NP	50 x 10 Narrow Palm Lugs	185X10NP	185 x 10 Narrow Palm Lugs
70X06NP	70 x 6 Narrow Palm Lugs	185X12NP	185 x 12 Narrow Palm Lugs
70X08NP	70 x 8 Narrow Palm Lugs	240X10NP	240 x 10 Narrow Palm Lugs
70X10NP	70 x 10 Narrow Palm Lugs	240X12NP	240 x 10 Narrow Palm Lugs
95X06NP	95 x 6 Narrow Palm Lugs	300X10NP	300 x 10 Narrow Palm Lugs
95X08NP	95 x 8 Narrow Palm Lugs	300X12NP	300 x 12 Narrow Palm Lugs
95X10NP	95 x 10 Narrow Palm Lugs	400X10NP	400 x 10 Narrow Palm Lugs



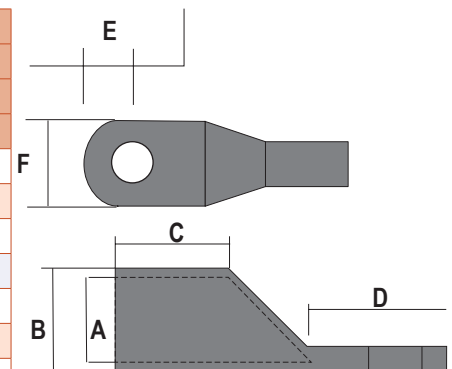
COPPER LUGS



Size (mm ² x mm)	Part Number	Size (mm ² x mm)	Part Number	Size (mm ² x mm)	Part Number	Size (mm ² x mm)	Part Number
1,5X03	1.5X03	10X08	10X08	50X12	50X12	150X12	150X12
1,5X04	1.5X04	10X10	10X10	50X16	50X16	150X16	150X16
1,5X05	1.5X05	10X12	10X12	50X20	50X20	150X20	150X20
1,5X06	1.5X06	16X05	16X05	70X06	70X06	185X10	185X10
2,5X03	2.5X03	16X06	16X06	70X08	70X08	185X12	185X12
2,5X04	2.5X04	16X08	16X08	70X10	70X10	185X16	185X16
2,5X05	2.5X05	16X10	16X10	70X12	70X12	185X20	185X20
2,5X06	2.5X06	16X12	16X12	70X16	70X16	240X10	240X10
2,5X08	2.5X08	16X16	16X16	70X20	70X20	240X12	240X12
4X03	4X03	25X06	25X06	95X06	95X06	240X16	240X16
4X04	4X04	25X08	25X08	95X08	95X08	240X20	240X20
4X05	4X05	25X10	25X10	95X10	95X10	300X10	300X10
4X06	4X06	25X12	25X12	95X12	95X12	300X12	300X12
4X08	4X08	25X16	25X16	95X16	95X16	300X16	300X16
4X10	4X10	35X06	35X06	95X20	95X20	300X20	300X20
6X04	6X04	35X08	35X08	120X08	120X08	400X10	400X10
6X05	6X05	35X10	35X10	120X10	120X10	400X12	400X12
6X06	6X06	35X12	35X12	120X12	120X12	400X16	400X16
6X08	6X08	35X16	35X16	120X16	120X16	400XBLANK	400XBLANK
6X10	6X10	50X06	50X06	120X20	120X20	500X16	500X16
10X05	10X05	50X08	50X08	150X08	150X08	500XBLANK	500XBLANK
10X06	10X06	50X10	50X10	150X10	150X10	630XBLANK	630XBLANK

XLPE LUGS

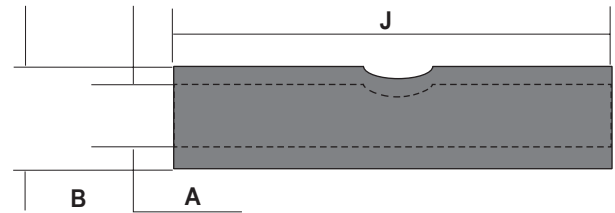
Product Number	Nominal Lug Size mm ²	SABS 1339-1981 Nominal Dia Over Conductor	Stud Ø	Nominal Dimensions					
				Barrel			Palm		
				A	B	C	D	E	F
	I.D	O.D	Length	Length	Hole Pos.	Width			
35 x ** XLPE	35	7.10	10 12	7.30	10.50	16.00	24.00	11.00	19.00
50 x ** XLPE	50	8.50	10 12	8.75	12.30	20.00	24.00	11.00	19.00
70 x ** XPLE	70	10.10	10 12	10.40	14.60	21.00	27.00	14.00	20.00
95 x ** XLPE	95	11.80	10 12 16	12.15	17.00	24.00	28.00	14.00	24.00
120 x ** XLPE	120	13.20	10 12 16	14.00	19.10	26.00	28.00	14.00	26.00
150 x *** XLPE	150	14.80	12 16 20	17.00	21.30	31.00	37.00	18.00	30.00
185 x ** XLPE	185	16.40	12 16 20	19.10	23.70	34.00	40.00	19.00	33.00
240 x ** XLPE	240	18.70	12 16 20	21.30	27.10	34.00	41.00	19.00	37.00
300 x ** XLPE	300	20.90	12 16 20	23.70	30.50	38.00	8.00	20.00	42.50
400 x ** XLPE	400	24.10	BLANK	27.10	34.64	51.00	49.00	23.50	48.00
500 x ** XLPE	500	27.00	BLANK	27.50	38.90	51.00	52.00	25.00	54.00
630 x ** XLPE	630	32.50	BLANK	33.00	45.00	53.00	65.00	28.00	64.00



Note:
 No Inspection Hole
 ** i.e. 35 X 12 XLPE
All dimensions in mm unless indicated otherwise.

XLPE FERRULES

Product Number	Nominal Ferrule Size mm ²	Nominal Dimensions		
		A	B	J
		I.D	O.D	Length
F35XLPE	35.00	7.30	10.50	38.00
F50XLPE	50.00	8.75	12.30	42.00
F70XLPE	70.00	10.40	14.60	43.00
F95XLPE	95.00	12.10	17.00	45.00
F120XLPE	120.00	14.00	19.10	55.00
F150XLPE	150.00	15.25	21.30	58.00
F185XLPE	185.00	17.00	23.70	64.00
F240XLPE	240.00	20.00	27.10	70.00
F300XLPE	300.00	21.63	30.50	75.00
F400XLPE	400.00	24.50	34.60	80.00
F500XLPE	500.00	27.50	38.90	90.00
F630XLPE	630.00	33.00	45.00	100.00



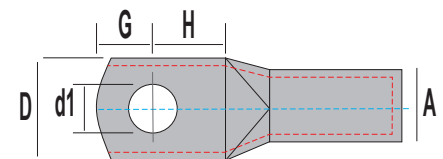
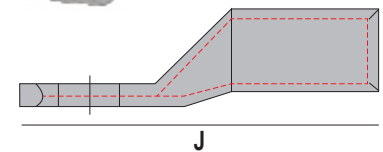
Note:
All dimensions in mm unless indicated otherwise.

ALUMINIUM TERMINALS - ROUND

Part Number	Cable mm ²	Stud Ø	d1	A	D	G	H	J
16X08ALO	16	8	8.4	5.5	21	11	13	77.0
25X08ALO	25	8	8.4	6.5	21	11	13	77.0
35X08ALO	35	8	8.4	8.0	23	11	13	77.5
35X10ALO	35	10	10.4	8.0	23	11	13	77.5
50X12ALO	50	12	12.5	9.0	26	14	16	91.0
50X14ALO	50	14	14.5	9.0	26	16	18	95.0
70X12ALO	70	12	12.5	11.0	27	14	16	91.0
70X14ALO	70	14	14.5	11.0	27	16	18	95.0
95X12ALO	95	12	12.5	12.5	27	14	16	91.0
95X14ALO	95	14	14.5	12.5	27	16	18	95.0
120X12ALO	120	12	12.5	13.7	35	14	16	115.0
120X14ALO	120	14	14.5	13.7	35	16	18	119.0
150X12ALO	150	12	12.5	15.5	34	14	16	115.0
150X14ALO	150	14	14.5	15.5	34	16	18	119.0
185X12ALO	185	12	12.5	17.0	42	14	20	122.0
185X14ALO	185	14	14.5	17.5	42	16	22	126.0
240X12ALO	240	12	12.5	19.5	44	14	20	122.0
240X14ALO	240	14	14.5	19.5	44	16	22	126.0
300X12ALO	300	12	12.5	22.5	44	14	22	130.0

Note: Material: Aluminium

Finish: Natural / Passivated Aluminium



Note:
All dimensions in mm unless indicated otherwise.

ALUMINIUM SECTORIAL FERRULES ROUND - 3 & 4 CORES

Rounded/ Stranded	Part Numbers		Cable mm ²	Length
	3-Core Sectoral	4-Core Sectoral		
F25ALO	F25AL3	F25AL4	25	66
F35ALO	F35AL3	F35AL4	35	70
F50ALO	F50AL3	F50AL4	50	74
F70ALO	F70AL3	F70AL4	70	78
F95ALO	F95AL3	F95AL4	95	84
F120ALO	F120AL3	F120AL4	120	91
F150ALO	F150AL3	F150AL4	150	102
F185ALO	F185AL3	F185AL4	185	108
F240ALO	F240AL3	F240AL4	240	118
F300ALO	F300AL3	F300AL4	300	130

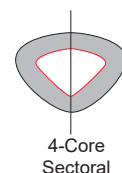
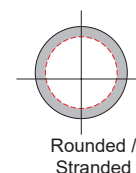
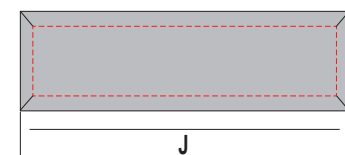
Note:

Material: Aluminium

Finish: Natural / Passivated Aluminium

Note:

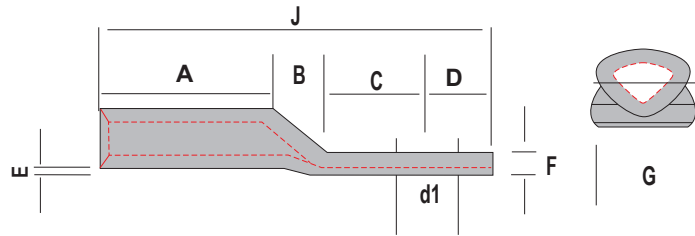
All dimensions in mm unless indicated otherwise.



Rounded /
Stranded

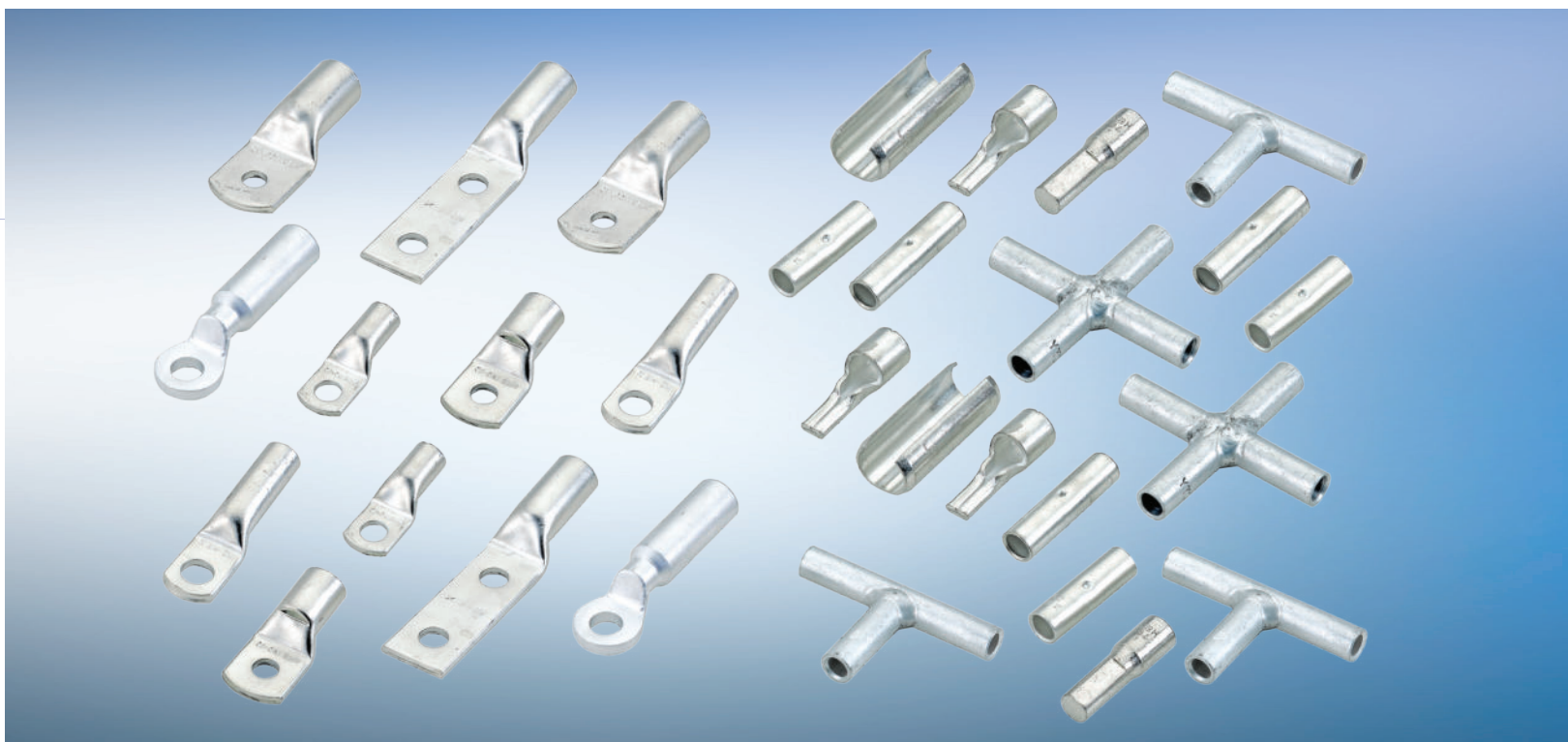
4-Core
Sectorial

ALUMINIUM 3 CORE SECTOR CABLE LUGS

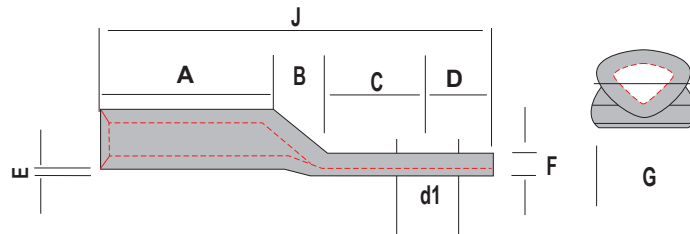


Note:
All dimensions in mm unless indicated otherwise.

Part Number	Cable mm ²	Stud Ø	d1	A	B	C	D	E	F	G	J
25X08AL3	25	8	8.4	25	8	17	12	1	4.1	15.2	65
25X10AL3		10	10.4								
25X12AL3		12	12.5								
35X08AL3	35	8	8.4	30	8	17	12	1	4.4	17.6	68
35X10AL3		10	10.4								
35X12AL3		12	12.5								
50X10AL3	50	10	10.4	32	10	17	12	1	4.5	20.3	71
50X12AL3		12	12.5								
50X16AL3		16	16.5								
70X10AL3	70	10	10.4	35.5	11	17	12	1	5	23.2	76
70X12AL3		12	12.5								
70X16AL3		16	16.5								
95X10AL3	95	10	10.4	39	14	17	12	1.5	5.7	27.7	82
95X12AL3		12	12.5								
95X16AL3		16	16.5								
120X10AL3	120	10	10.4	44	15	17	12	1.5	6.5	31	88
120X12AL3		12	12.5								
120X16AL3		16	16.5								
150X12AL3	150	12	12.5	47.5	16	20.5	16	1.5	7.2	34.7	100
150X16AL3		16	16.5								
150X20AL3		20	20.5								
185X12AL3	185	12	12.5	47.5	16	20.5	16	1.5	7.2	34.7	106
185X16AL3		16	16.5								
185X20AL3		20	20.5								
240X20AL3	240	20	20.5	55.5	20.5	22	18	2	5.7	43.6	116
300X20AL3	300	20	20.5	60.5	23	25	20	2	9.7	49.2	128.5



ALUMINIUM 4 CORE SECTOR CABLE LUGS



Note:
All dimensions in mm unless indicated otherwise.

Part Number	Cable mm ²	Stud Ø	d1	A	B	C	D	E	F	G	J
25X08AL4	25	8	8.4	25	8	17	12	1	4.1	15.2	65
25X10AL4		10	10.4						2.9	21	
25X12AL4		12	12.5						2.9	21	
35X08AL4	35	8	8.4	30	8	17	12	1	4.4	17.6	68
35X10AL4		10	10.4						3.6	21	
35X12AL4		12	12.5						3.6	21	
50X10AL4	50	10	10.4	32	10	17	12	1	4.5	20.3	71
50X12AL4		12	12.5						2.9	21	
50X16AL4		16	16.5						2.9	21	
70X10AL4	70	10	10.4	35.5	11	17	12	1	5	23.2	76
70X12AL4		12	12.5						4.6	26	
70X16AL4		16	16.5						4.6	26	
95X10AL4	95	10	10.4	39	14	17	12	1.5	5.7	27.7	82
95X12AL4		12	12.5						5.7	27.7	
95X16AL4		16	16.5						5.7	27.7	
120X10AL4	120	10	10.4	44	15	17	12	1.5	6.5	31	88
120X12AL4		12	12.5						6.5	31	
120X16AL4		16	16.5						6.5	31	
150X12AL4	150	12	12.5	47.5	16	20.5	16	1.5	7.2	34.7	100
150X16AL4		16	16.5						7.2	34.7	
150X20AL4		20	20.5						7.2	34.7	
185X12AL4	185	12	12.5	47.5	16	20.5	16	1.5	7.2	34.7	106
185X16AL4		16	16.5						7.2	34.7	
185X20AL4		20	20.5						7.2	34.7	
240X20AL4	240	20	20.5	55.5	20.5	22	18	2	5.7	43.6	116
300X20AL4	300	20	20.5	60.5	23	25	20	2	9.7	49.2	128.5

TOOLS FOR CABLE DUCTS

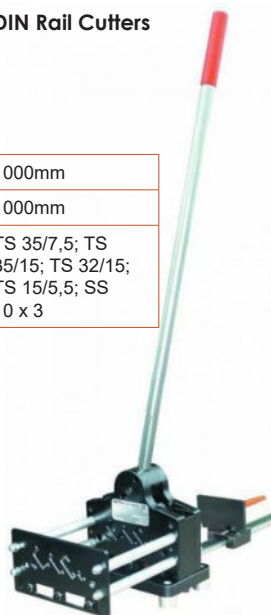
VK-S 125 + HF - Wiring Duct Cutter



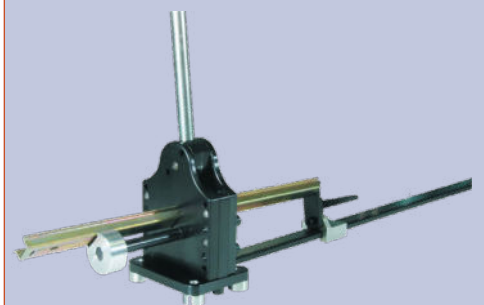
Lever Length:	500mm
Length Limit:	1000mm
Channel Width:	125mm
Wall Thickness:	2.5mm

TS-PSS 2 - DIN Rail Cutters

Lever Length:	1000mm
Length Limit:	1000mm
Rail Dimensions:	TS 35/7,5; TS 35/15; TS 32/15; TS 15/5,5; SS 10 x 3



TS-PS ECO - DIN Rail Cutter





Lever Length:	1000mm
Length Limit:	1000mm
Rail Dimensions:	TS 35/7,5; TS 35/15

END SLEEVES

<p>Vinyl Ins.</p> <p>RBT BBT YBT</p>	<p>16 - 14</p> <p>RP9 BP9 YP14</p>	<p>12 - 10</p> <p>RFB9 RHB BFB9 BHB</p>	<p>6,3mm .250</p> <p>RPB BPB</p>	<p>RBM4 BBM4 YBM5 RBF4 BBF4 YBF5</p>	<p>RFFF BFFF</p>	<p>Heat Shrink Crimp Terminals also available</p>	<p>RFIT BFIT YFIT</p>	<p>EC1 EC2 EC3</p> <p>4.8mm .187 6.3mm .250 6.3mm .250</p>	<p>DOUBLE WIRE END SLEEVES</p> <p>2E02 2E05 2E09 2E13 2E16 2E19 2E22 2E24 2E26</p> <p>White Grey Red Black Blue Yellow Red Blue</p> <p>8.0 8.0 8.0 8.0 10.0 12.0 14.0 14.0 14.0</p> <p>1.5 1.8 2.3 2.6 2.9 3.8 4.9 6.5 8.3</p> <p>2x0,50 2x0,75 2x1,00 2x1,50 2x2,50 2x4,00 2x6,00 2x10,00 2x16,0</p> <p>Length mm ID mm Wire size mm²</p>
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COLOUR "T"			COLOUR "T"			COLOUR "T"			COLOUR "W"			COLOUR "W"		
Code	Colour	Size (mm)	Code	Colour	Size (mm)	Code	Colour	Size (mm)	Code	Colour	Size (mm)	Code	Colour	Size (mm)
E034	Violet	0.25/N	E19	Orange	4.00/N	E134	L/Blue	0.25/N	E119	Grey	4.00/N	E134	L/Blue	0.25/N
E035	Violet	0.25/L	E20	Orange	4.00/HL	E135	L/Blue	0.025/L	E120	Grey	4.00/HL	E135	L/Blue	0.025/L
E036	Pink	0.34/N	E20	Orange	4.00/L	E136	Turq	0.34/N	E136	Turq	0.34/N	E136	Turq	0.34/N
E037	Pink	0.34/L	E22	Green	6.00/N	E137	Turq	0.34/L	E137	Turq	0.34/L	E137	Turq	0.34/L
E01	White	0.50/K	E23	Green	6.00/L	E010	Orange	0.50/K	E010	Orange	0.50/K	E010	Orange	0.50/K
E02	White	0.50/N	E24	Maroon	10.00/N	E020	Orange	0.50/N	E020	Orange	0.50/N	E020	Orange	0.50/N
E03	White	0.50/HL	E25	Maroon	10.00/L	E030	Orange	0.50/HL	E030	Orange	0.50/HL	E030	Orange	0.50/HL
E04	Blue	0.75/K	E26	Ivory	16.00/N	E040	White	0.75/K	E040	White	0.75/K	E040	White	0.75/K
E05	Blue	0.75/N	E27	Ivory	16.00/L	E050	White	0.75/N	E050	White	0.75/N	E050	White	0.75/N
E06	Blue	0.75/HL	E28	Black	25.00/N	E060	White	0.75/HL	E060	White	0.75/HL	E060	White	0.75/HL
E07	Blue	0.75/L	E29	Black	25.00/L	E070	White	0.75/L	E070	White	0.75/L	E070	White	0.75/L
E08	Red	1.00/K	E30	Red	35.00/N	E080	Yellow	1.00/K	E080	Yellow	1.00/K	E080	Yellow	1.00/K
E09	Red	1.00/N	E31	Red	35.00/L	E090	Yellow	1.00/N	E090	Yellow	1.00/N	E090	Yellow	1.00/N
E10	Red	1.00/HL	E32	Blue	50.00/N	E100	Yellow	1.00/HL	E100	Yellow	1.00/HL	E100	Yellow	1.00/HL
E11	Red	1.00/L	E33	Blue	50.00/L	E110	Yellow	1.00/L	E110	Yellow	1.00/L	E110	Yellow	1.00/L
E13	Black	1.50/N				E113	Red	1.50/N	E113	Red	1.50/N	E113	Red	1.50/N
E14	Black	1.50/HL				E114	Red	1.50/HL	E114	Red	1.50/HL	E114	Red	1.50/HL
E15	Black	1.50/L				E115	Red	1.50/L	E115	Red	1.50/L	E115	Red	1.50/L
E16	Grey	2.50/N				E116	Blue	2.50/N	E116	Blue	2.50/N	E116	Blue	2.50/N
E17	Grey	2.50/HL				E117	Blue	2.50/HL	E117	Blue	2.50/HL	E117	Blue	2.50/HL
E18	Grey	2.50/L				E118	Blue	2.50/L	E118	Blue	2.50/L	E118	Blue	2.50/L

SINGLE WIRE END SLEEVES

 Conforms to IEC 60309-1&2 and RoHS-Directive 2011/65/EU Material POLYIMIDE 6 & PC/ABS Excellent Impact Resistance Rigidity & Abrasion Resistance. High Thermal stability. Self Extinguishing. UV Resistance to according to ISO 4892-2		Rated Current	No of Poles	Rated Voltage	Hour h	IP44	IP66/67	PLUGS	ANGLED PLUG	ANGLED PLUG	ANGLED PLUG	COUPLER	COUPLER	COUPLER	FLANGED PANEL MOUNT STRAIGHT MOUNT STRAIGHT OUTLET	
		16A	2P+E 3P+E 3P+N+E 3P+E 3P+N+E 3P+E	230V 400V 500V	6 9 9 6 6 7	A013-6 A014-9 A015-9 A014-6 A015-6 A014-7	A0132-6 A0142-9 A0152-9 A0142-6 A0152-6 A0142-7	IP66/67	IP44	IP66/67	IP66/67	IP44	IP44	IP66/67	IP66/67	IP66/67
32A	3P+E 3P+N+E 3P+E 3P+N+E 3P+E	230V 400V	6 6	A023-6 A024-9 A025-9 A024-6 A025-6	A0132-6 A0142-9 A0152-9 A0242-6 A0252-6	NA A0424-3V	NA A0242-7	NA A0242-7	NA A0242-7	NA A024-7	NA A024-7	NA A0242-7	NA A0242-7	NA A0242-7	NA A024-7	NA A024-7
63A Pilot Pin Included	3P+N+E 3P+E 3P+N+E 3P+E	230V 400V 500V	9 6 6 7	A0341-9 A0351-9 A0341-6 A0351-6 A0341-7	A034-6 A035-9 A034-6 A035-6 A034-7	NA A0424-3V	NA A0242-7	NA A0242-7	NA A0242-7	NA A024-7	NA A024-7	NA A0242-7	NA A0242-7	NA A0242-7	NA A024-7	NA A024-7
 Conforms to IEC 60309-1&2 and RoHS-Directive 2011/65/EU Material POLYIMIDE 6 & PC/ABS Excellent Impact Resistance Rigidity & Abrasion Resistance. High Thermal stability. Self Extinguishing. UV Resistance to according to ISO 4892-2		Rated Current	No of Poles	Rated Voltage	Hour h	IP66/67	IP66/67	PLUGS	COUPLER	FLANGED PANEL MOUNT STRAIGHT OUTLET	FLANGED PANEL MOUNT 20 DEG ANGLED OUTLET	FLANGED PANEL MOUNT STRAIGHT APPLIANCE INLET	FLANGED PANEL MOUNT ANGLED APPLIANCE INLET	WALL SOCKET UNSWITCHED WITH PILOT PIN		
		125A	3P+E 3P+N+E 3P+E	400V 500V	6 6 7	A044-6 A045-6 A044-7	A2445-6 A2455-6 A2445-7	IP66/67	IP66/67	IP66/67	IP66/67	IP66/67	IP66/67	IP66/67	IP66/67	

<p>AMPCO</p> <p>Conforms to IEC 60309-1&2 and RoHS-Directive 2011/65/EU Material POLYIMIDE 6 & PC/ABS Excellent Impact Resistance Rigidity & Abrasion Resistance. High Thermal stability. Self Extinguishing. UV Resistance to according to ISO 4892-2</p>		Rated Current	No of Poles	Rated Voltage	Hour h	FLANGED PANEL MOUNT STRAIGHT OUTLET	FLANGED PANEL MOUNT 20 DEG ANGLED OUTLET	FLANGED PANEL MOUNT STRAIGHT APPLIANCE INLET	FLANGED PANEL MOUNT STRAIGHT APPLIANCE INLET	FLANGED PANEL MOUNT ANGLED APPLIANCE INLET	FLANGED WALL MOUNT ANGLED APPLIANCE INLET	
16A	2P+E	230V	6	A3132-6	IP66/67	A413-6f8	A4132-6f8	IP44	IP66/67	IP66/67	IP44	
	3P+E	230V	9	A3142-9	IP66/67	A414-9f8	A4142-9f8	A613-6	A6132-6	NA	A77713-6	
	3P+N+E	230V	9	A3152-9	IP66/67	A415-9	A4152-9f78	A614-9	A6142-9	NA	A77714-9	
	3P+E	400V	6	A3142-6	IP66/67	A414-6f8	A4142-6f8	A615-6	A6142-6	NA	A77714-6	
	3P+N+E	400V	6	A3152-6	IP66/67	A415-6	A4152-6f78	A615-6	A6152-6	NA	A77715-6	
	3P+E	500V	7	A3142-7	IP66/67	A414-7f8	A4142-7f8	A614-7	A6142-7	NA	A72214-7	
	2P+E	230V	6	A3232-6	IP66/67	A423-6	A4232-6f78	A623-6	A6232-6	NA	A77723-6	
	3P+E	230V	9	A3242-9	IP66/67	A424-9	A4242-9f78	A624-9	A6242-9	NA	A77724-9	
	3P+N+E	230V	9	A3252-9	IP66/67	A425-9	A4252-9f78	A625-9	A6252-9	NA	A77725-9	
	3P+E	400V	6	A3242-6	IP66/67	A424-6	A4242-6f78	A624-6	A6242-6	NA	A77724-6	
32A	3P+N+E	400V	6	A3252-6	IP66/67	A425-6	A4252-6f78	A625-6	A6252-6	NA	A77725-6	
	3P+E Container	500V	3	A3242-3v	IP66/67	NA	A4242-3f78v	NA	NA	NA	NA	
63A Pilot Pin Included	3P+E	500V	7	A3242-7	IP66/67	A424-7	A4242-7f78	A624-7	A6242-7	NA	A77724-7	
	2P+E	230V	6	A3335-6	IP66/67	A4335-6	A4335-6	A633-6	A633-6	A733-6	NA	
	3P+E	230V	9	A3345-9	IP66/67	A4345-9	A4345-9	A634-9	A634-9	A734-9	NA	
	3P+N+E	230V	9	A3355-9	IP66/67	A4355-9	A4355-9	A635-9	A635-9	A735-9	NA	
	3P+E	400V	6	A3345-6	IP66/67	A4345-6	A4345-6	A634-6	A634-6	A734-6	NA	
	3P+N+E	400V	6	A3355-6	IP66/67	A4355-6	A4355-6	A635-6	A635-6	A735-6	NA	
	3P+E	500V	7	A3345-7	IP66/67	A4345-7	A4345-7	A634-7	A634-7	A734-7	NA	
	125A	3P+E	400V	6	DUAL INTER-LOCKED SSO 7 SERIES	IP66/67	DUAL INTER-LOCKED SSO 9 SERIES	125 AMP DUAL INTERLOCKED SSO 9 SERIES WITH PILOT	DUAL INTER-LOCKED SSO & ELECTRICAL INTERLOCKED	DUAL INTER-LOCKED SSO 9 SERIES WITH PILOT ELECTRICAL & INTERLOCKED	PLUG EVENT BLACK	COUPLER EVENT BLACK
		3P+N+E	400V	6	DUAL INTER-LOCKED SSO 7 SERIES	IP66/67	DUAL INTER-LOCKED SSO 9 SERIES	125 AMP DUAL INTERLOCKED SSO 9 SERIES WITH PILOT	DUAL INTER-LOCKED SSO & ELECTRICAL INTERLOCKED	DUAL INTER-LOCKED SSO 9 SERIES WITH PILOT ELECTRICAL & INTERLOCKED	PLUG EVENT BLACK	COUPLER EVENT BLACK
		3P+E	500V	7	DUAL INTER-LOCKED SSO 7 SERIES	IP66/67	DUAL INTER-LOCKED SSO 9 SERIES	125 AMP DUAL INTERLOCKED SSO 9 SERIES WITH PILOT	DUAL INTER-LOCKED SSO & ELECTRICAL INTERLOCKED	DUAL INTER-LOCKED SSO 9 SERIES WITH PILOT ELECTRICAL & INTERLOCKED	PLUG EVENT BLACK	COUPLER EVENT BLACK
3P+E		400V	6	DUAL INTER-LOCKED SSO 7 SERIES	IP66/67	DUAL INTER-LOCKED SSO 9 SERIES	125 AMP DUAL INTERLOCKED SSO 9 SERIES WITH PILOT	DUAL INTER-LOCKED SSO & ELECTRICAL INTERLOCKED	DUAL INTER-LOCKED SSO 9 SERIES WITH PILOT ELECTRICAL & INTERLOCKED	PLUG EVENT BLACK	COUPLER EVENT BLACK	
3P+N+E		400V	6	DUAL INTER-LOCKED SSO 7 SERIES	IP66/67	DUAL INTER-LOCKED SSO 9 SERIES	125 AMP DUAL INTERLOCKED SSO 9 SERIES WITH PILOT	DUAL INTER-LOCKED SSO & ELECTRICAL INTERLOCKED	DUAL INTER-LOCKED SSO 9 SERIES WITH PILOT ELECTRICAL & INTERLOCKED	PLUG EVENT BLACK	COUPLER EVENT BLACK	
3P+E		500V	7	DUAL INTER-LOCKED SSO 7 SERIES	IP66/67	DUAL INTER-LOCKED SSO 9 SERIES	125 AMP DUAL INTERLOCKED SSO 9 SERIES WITH PILOT	DUAL INTER-LOCKED SSO & ELECTRICAL INTERLOCKED	DUAL INTER-LOCKED SSO 9 SERIES WITH PILOT ELECTRICAL & INTERLOCKED	PLUG EVENT BLACK	COUPLER EVENT BLACK	
3P+E		400V	6	DUAL INTER-LOCKED SSO 7 SERIES	IP66/67	DUAL INTER-LOCKED SSO 9 SERIES	125 AMP DUAL INTERLOCKED SSO 9 SERIES WITH PILOT	DUAL INTER-LOCKED SSO & ELECTRICAL INTERLOCKED	DUAL INTER-LOCKED SSO 9 SERIES WITH PILOT ELECTRICAL & INTERLOCKED	PLUG EVENT BLACK	COUPLER EVENT BLACK	
3P+N+E		400V	6	DUAL INTER-LOCKED SSO 7 SERIES	IP66/67	DUAL INTER-LOCKED SSO 9 SERIES	125 AMP DUAL INTERLOCKED SSO 9 SERIES WITH PILOT	DUAL INTER-LOCKED SSO & ELECTRICAL INTERLOCKED	DUAL INTER-LOCKED SSO 9 SERIES WITH PILOT ELECTRICAL & INTERLOCKED	PLUG EVENT BLACK	COUPLER EVENT BLACK	
3P+E		500V	7	DUAL INTER-LOCKED SSO 7 SERIES	IP66/67	DUAL INTER-LOCKED SSO 9 SERIES	125 AMP DUAL INTERLOCKED SSO 9 SERIES WITH PILOT	DUAL INTER-LOCKED SSO & ELECTRICAL INTERLOCKED	DUAL INTER-LOCKED SSO 9 SERIES WITH PILOT ELECTRICAL & INTERLOCKED	PLUG EVENT BLACK	COUPLER EVENT BLACK	
3P+E		500V	7	DUAL INTER-LOCKED SSO 7 SERIES	IP66/67	DUAL INTER-LOCKED SSO 9 SERIES	125 AMP DUAL INTERLOCKED SSO 9 SERIES WITH PILOT	DUAL INTER-LOCKED SSO & ELECTRICAL INTERLOCKED	DUAL INTER-LOCKED SSO 9 SERIES WITH PILOT ELECTRICAL & INTERLOCKED	PLUG EVENT BLACK	COUPLER EVENT BLACK	

AMPCO

Conforms to IEC 60309-1&2 and RoHS-Directive 2011/65/EU Material POLYIMIDE 6 & PC/ABS Excellent Impact Resistance Rigidity & Abrasion Resistance. High Thermal stability. Self Extinguishing. UV Resistance according to ISO 4892-2

Rated Current	No of Poles	Rated Voltage	Hour h	FLANGED WALL MOUNT ANGLED APPLIANCE INLET	WALL SOCKET 15 Deg	WALL SOCKET 15 DEG	WALL SOCKET WITH PILOT PIN	WALL SOCKET WITH PILOT PIN	ECONO RANGE SSO DUAL INTERLOCKED	ECONO RANGE SSO DUAL INTERLOCKED
16A	2P+E	230V	6	IP44	IP66/67	IP66/67	IP66/67	IP66/67	IP44	IP66/67
	3P+E		A113-6	A1132-6	NA	NA	A3001	A0617		
	3P+N+E		A114-9	A1142-9	NA	NA	NA	NA		
	3P+N+E	A115-9	A1152-9	NA	NA	NA	NA	NA	NA	NA
	3P+E	A114-6	A1142-6	NA	NA	A3002	A0620	A0619	A0622	A0642
	3P+N+E	A115-6	A1152-6	NA	NA	A3004	A0621	A0613	NA	NA
	3P+E	A114-7	A1142-7	NA	NA	A3003	NA	NA	NA	NA
32A	2P+E	230V	6	A123-6	A1232-6	NA	NA	NA	A3006	A0621
	3P+E		A124-9	A1242-9	NA	NA	NA	NA	NA	NA
	3P+N+E		A125-9	A1252-9	NA	NA	NA	NA	NA	NA
	3P+E	A124-6	A1242-6	NA	NA	A3007	A0621	A0613	NA	NA
	3P+N+E	A125-6	A1252-6	NA	NA	A3009	NA	NA	NA	NA
	3P+E Container	Container	A1242-3v	NA	NA	NA	NA	NA	NA	NA
	3P+E	A124-7	A1242-7	NA	NA	A3008	NA	NA	NA	NA
63A Pilot Pin Included	2P+E	230V	6	NA	NA	NA	A1335-6	A13375-6	NA	NA
	3P+E		NA	NA	NA	NA	A13475-9	NA	NA	NA
	3P+N+E		NA	NA	NA	NA	A13575-9	NA	NA	NA
	3P+E	NA	NA	NA	NA	A1345-6	A13475-6	NA	A3101	A3102
	3P+N+E	NA	NA	NA	NA	A1355-6	A13575-6	NA	NA	NA
	3P+E	NA	NA	NA	NA	A1345-7	A13475-7	NA	NA	NA
	3P+E	A1345-6	A1335-6	NA	NA	A13375-6	NA	NA	NA	NA

AMPCO

Applications: Star Delta Motor Connection. Tapped Winding Connections. Monitoring. Controlling. Indicating. Electrical Interlocking.

Rated Current	No of Poles	Rated Voltage	PLUG 7 PIN	PLUG 7 PIN	COUPLER 7 PIN	COUPLER 7 PIN	ANGLED COUPLER 7 PIN	ANGLED COUPLER 7 PIN	ANGLED COUPLER 7 PIN	FLANGED PANEL MOUNT INLET 7PIN
16A	7P	230V	IP44	IP66/67	IP44	IP66/67	IP44	IP44	IP66/67	IP44
	7P		A017-9v	A0172-9v	A217-9v	A2172-9v	A82172-9v	A617-9v		
	7P		A017-6v	A0172-6v	A217-6v	A2172-6v	A82172-6v	A617-6v		
	7P	A017-7v	A0172-7v	A217-7v	A2172-7v	A82172-7v	A617-7v			
	7P	A027-9v	A0272-9v	A227-9v	A2272-9v	A82272-9v	A627-9v			
	7P	A027-6v	A0272-6v	A227-6v	A2272-6v	A82272-6v	A627-6v			
	7P	A027-7v	A0272-7v	A227-7v	A2272-7v	A82272-7v	A627-7v			

AMPCO

Conforms to IEC 60309-1&2 and RoHS-Directive 2011/65/EU Material POLYIMIDE 6 & PC/ABS Excellent Impact Resistance Rigidity & Abrasion Resistance. High Thermal stability. Self Extinguishing. UV Resistance to according to ISO 4892-2

Rated Current	No of Poles	Rated Voltage	Hour h	IP66/67	IP66/67	IP66/67	IP66/67	IP66/67	IP66/67	IP66/67	IP44	IP66/67
16A	2P+E	230V	6	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+E		9	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+N+E		9	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+E	400V	6	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+N+E		6	NA	NA	NA	NA	NA	NA	NA	NA	NA
32A	3P+E	500V	7	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2P+E		6	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+E		9	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+N+E	400V	9	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+E		6	NA	NA	NA	NA	NA	NA	NA	NA	NA
63A Pilot Pin Included	3P+N+E	500V	6	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+E		6	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+E Container		3	NA	NA	A0672	A0618	NA	NA	NA	NA	NA
	3P+E	230V	7	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2P+E		6	NA	NA	NA	NA	NA	NA	NA	NA	NA
3P+E	400V	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	
3P+N+E		9	NA	NA	NA	NA	NA	NA	NA	NA	NA	
32A	3P+N+E	500V	6	A3105	A3108	A3108	A3108	NA	NA	NA	NA	NA
	3P+E		6	A3106	A3109	A3109	A3109	NA	NA	NA	NA	NA
	3P+E		7	A3107	A3126	A3126	A3110	NA	NA	NA	NA	NA

AMPCO

Applications: Star Delta Motor Connection. Tapped Winding Connections. Monitoring. Controlling. Indicating. Electrical Interlocking.

Rated Current	No of Poles	Rated Voltage	FLANGED PANEL MOUNT INLET 7PIN			WALL MOUNT INLET 7 PIN		
			IP44	IP66/67	IP66/67	IP44	IP66/67	IP66/67
16A	7P	230V	A6172-9V					
16A	7P	400V	A6172-6V					
16A	7P	500V	A6172-7V					
32A	7P	230V	A6272-9V					
32A	7P	400V	A6272-6V					
32A	7P	500V	A6272-7V					

Rated Current	No of Poles	Rated Voltage	Hour h	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	
16A	2P+E	230V	6	A7513-6	A76132-6	A7613-6	A013-6x	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	
	3P+E		9	A7514-9	A76142-9	A7614-9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+N+E		9	A7515-9	A76152-9	A7615-9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+E	400V	6	A7514-6	A76142-6	A7614-6	A014-6x	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	
	3P+N+E		6	A7515-6	A76152-6	A7615-6	A015-6x	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+E		7	A7514-7	A76142-7	A7614-7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2P+E	230V	6	A7523-6	A76232-6	A7623-6	A023-6x	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	
	3P+E		9	A7524-9	A76242-9	A7624-9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+N+E		9	A7525-9	A76252-9	A7625-9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	32A	3P+E	400V	6	A7524-6	A76242-6	A7624-6	A024-6x	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67
3P+N+E		6		A7525-6	A76252-6	A7625-6	A025-6x	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
3P+E Container		3	NA	A75242-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3P+E		7	A7524-7	A76242-7	A7624-7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
63A Pilot Pin Included	2P+E	230V	6	NA	A753325-6	NA	NA	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	IP44	IP66/67	
	3P+E		9	NA	A753425-9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+N+E		9	NA	A753525-9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+E	400V	6	NA	A753425-6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+N+E		6	NA	A753525-6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+E		7	NA	A753425-7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA



Conforms to IEC 60309-1&2 and RoHS-Directive 2011/65/EU Material POLYIMIDE 6 & PC/ABS Excellent Impact Resistance Rigidity & Abrasion Resistance. High Thermal stability. Self Extinguishing. UV Resistance to according to ISO 4892-2

AMPCO METAL CEE TO SANS/IEC 60309-1&2

AMPCO		PLUGS		SSO INTERLOCKED		SSO WITH CIRCUIT BREAKER		SSO WITH EARTH LEAKAGE		SSO WITH INTERGRATED CIRCUIT BREAKER		SSO WITH CIRCUIT BREAKER & EARTH LEAKAGE		SSO WITH CONTACTOR & OVERLOAD		SSO WITH TOP ENTRY BOX		ANGLED PLUG	
Rated Current	No of Poles	Rated Voltage	Hour h	IP44	IP44	IP44	IP44	IP44	IP44	IP66/67	IP66/67	IP66/67	IP66/67	IP66/67	IP66/67	IP66/67	IP66/67	IP66/67	IP66/67
32A	2P+E	400V	6	On Request	On Request	On Request	On Request	On Request	On Request	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+E		6	A1139	A1143	A1145	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+N+E		6	A1138	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
32A	2P+E	500V	7	On Request	On Request	On Request	On Request	On Request	On Request	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+E		7	A1140	A1144	A1146	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+N+E		7	A1137	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
63A	3P+E	400V	6	A1109	A1110	A1120	A1120	A1120	A1120	NA	A3112	NA	NA	NA	NA	NA	NA	NA	NA
	3P+N+E		6	A1118	A1120	A3122	A3122	A3122	NA	A3114	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+E		7	A1114	A1116	A3121	A3121	A3121	NA	A3113	NA	NA	NA	NA	NA	NA	NA	NA	NA
125A	3P+N+E	500V	7	A1123	NA	On Request	On Request	On Request	On Request	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+E		6	A1100	A1101	NA	NA	NA	NA	A1101	NA	A2687	On Request	On Request	On Request	On Request	On Request	On Request	On Request
	3P+N+E		6	A1105	A1107	NA	NA	NA	NA	A1107	NA	On Request	On Request	On Request	On Request	On Request	On Request	On Request	On Request
250A	3P+E	500V	7	A1102	A1104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3P+N+E		7	A1133	On Request	On Request	On Request	On Request	On Request	On Request	On Request	On Request	On Request	On Request	On Request	On Request	On Request	On Request	On Request
	3P+N+E		7																

AMPCO

Manufactured to SANS/IEC 60309-1&2 and carry the MASC approval. Made of high pressure cast aluminium. Recommended for severe working conditions such as mining, heavy industry and harbours. For EX ZONE 2 CLASS 1 Division 2 locations complies with SANS 970-1971 Certified.

			
PLUG EXPLOSION PROTECTED ZONE 1	SSO EXPLOSION PROTECTED ZONE 1	PLUG EXPLOSION PROTECTED ZONE 2	SSO EXPLOSION PROTECTED ZONE 2
IP66/67	IP66/67	IP66/67	IP66/67
Hour h	Hour h	Hour h	Hour h
7	7	7	7
Rated Voltage	Rated Voltage	Rated Voltage	Rated Voltage
500V	500V	500V	500V
No of Poles	No of Poles	No of Poles	No of Poles
3P+E	3P+E	3P+E	3P+E
63A	63A	63A	63A

METAL DIN FLAT OVAL 49449

AMPCO

AMPCO

Manufactured to DIN 49449/50/51 and carry the IMAS approval. Made of high pressure cast aluminium. Recommended for severe working conditions such as mining, heavy industry and harbours. This range of socket outlets is only to be used in existing installations as a replacement in terms of SANS 0142

Rated Current	No of Poles	Rated Voltage	IP44	IP44	IP44	IP44	IP44	IP44	IP44	IP44	IP44	IP44	IP44
25A	3P+E	400/550V	A1206										
	3P+N+E		A1209	A1207									
40A	3P+E	400/550V	A1212	A1210									
	3P+N+E		A1215	A1213									
63A	3P+E	400/550V	A1218	A1216									
	3P+N+E		A1223	A1219	A1221							A1901	A1905
100A	3P+E	400/550V	A1201	A1224	On Request								
	3P+N+E		A1238			A1202							
250A	3P+E	400V	A1227										
	3P+N+E		A1239	A1233							A1248		
250A	3P+E	550V	A1010	A1234									
	3P+N+E		A1244	A1006							A1226	A1003	
400A	3P+E	550V	A1013 ECO	A1235									
	3P+N+E		A1245 ECO	A1005							A1228	On Request	
400A	3P+E	550V	A1011 XL	A1236									
	3P+N+E		A1246 XL								A1012		
630A	3P+E	550V	A1018										
	3P+N+E			A1019							A1229		

AMPCO

AMPCOVA AMPLAST Socket Outlets & Plugs. Moulded in plastic. Only to be used in existing installations as a replacement as per SANS 0142.

16A	3P+E	400V	IP44	IP44	IP44	IP44	IP44	IP44	IP44	IP44	IP44	IP44	IP44
	3P+N+E												
25A	3P+E												

PATRAX GLANDS - BRASS NICKEL PLATED



Features:

Dual Cone Rotary Nickel plated brass cable glands for Armoured cable (BW) and un-Armoured cable compression type (A2) . PVC Shrouds

BW TYPE GLANDS		A2 TYPE GLANDS		SHROUDS	
Size	Part Number	Size	Part Number	Size	Part Number
0	PX0BW	00 (16mm)	PX00A2-16	0	PX0SHPVC-L
1	PX1BW	00 (20mm)	PX00A2	1	PX1SHPVC-L
2	PX2BW	0	PX0A2	2	PX2SHPVC-L
3	PX3BW	1	PX1A2	3	PX3SHPVC-L
4	PX4BW	2	PX2A2	4	PX4SHPVC-L
5	PX5BW	3	PX3A2	5	PX5SHPVC-L
6	PX6BW	4	PX4A2	6	PX6SHPVC-L
7	PX7BW	5	PX5A2	7	PX7SHPVC-L
		6	PX6A2		
		7	PX7A2		

NYLON GLANDS



NYLON 66 CABLE GLANDS

Size	Part Number	Colour
M20x1.5	BMG-12	Light Grey
M25x1.5	BMG-15	Light Grey
M20x1.5	BMB-22	Black
M25x1.5	BMB-25	Black



NYLON 66 LOCK NUTS

Size	Part Number	Colour
M20x1.5	BMGL-12	Light Grey
M25x1.5	BMGL-13	Light Grey
M20x1.5	BMBL-22	Black
M25x1.5	BMBL-23	Black

TOOLS - WIRE STRIPPERS

HS-700B - Automatic wire stripper with spring return



Stripping mm ² :	0.5mm ² ~ 6mm ²
Length:	175mm
Weight:	0.36kg

Features:

- Precise blade design that does not damage the conductor or cores
- During stripping the wire is held firmly by clamping jaws with adjustable length stop
- The spring returns the stripper to the starting position

HS-700D - Auto-adjustable duck-mouth wire stripper and cutter



Stripping mm ² :	0.25mm ² ~ 6mm ²
Length:	175mm
Weight:	0.22kg

Features:

- Automatic stripping diameter for different wire cross sections precise blade design facilitated stripping without damaging the conductor cores
- The spring returns the stripper to the starting position

L45733A - Self-adjusting wire stripper, cutter and crimper



Stripping mm ² :	0.25mm ² ~ 6mm ²
Length:	205mm
Weight:	0.3kg

Features:

- Easy stripping without any adjustment
- For cutting & stripping wire and cable
- For crimping insulated and non-insulated terminals

TOOLS - WIRE STRIPPERS

FS-D3 - Self adjusting insulation wire stripper



Stripping mm ² :	0.5mm ² ~ 6mm ²
Length:	190mm
Weight:	0.148kg

Features:

- For stripping the plastic or rubber insulation of single, multiple cables and wires of 0.08 - 2.5mm²
- With wire cutter for copper and aluminium wires, multiple strands up to 6mm²
- Will not damage the conductor or core

FSA-0626 - Multifunction cable stripper and cutter



Cutting Capacity:	Up to 25mm ²
Stripping Capacity:	0.9mm ² - 6mm ²
Length:	164.5mm
Weight:	0.4kg

Features:

- Automatic rebound spring
- Will not damage the conductor or core

No. 5 - Automatic wire stripper with lock function



Stripping Range:	0.2mm ² - 6mm ²
AWG:	24-10
Length:	170mm
Weight:	0.107kg

Features:

- Precise work with adjustable length stop (5-12 mm)
- Integrated, well accessible side cutter up to 2 mm Ø
- Automatic Wire Stripper

51000007 (No. 7) - All round wire stripper for flexible and solid cable

Stripping Range:	Flexible: 0.5mm ² - 16mm ² Solid: 0.5mm ² - 10mm ²
AWG:	20-6 / 20-8
Length:	170mm
Weight:	0.217kg

Features:

- Precise work with optical length scale
- Integrated, well accessible side cutter up to 3 mm Ø
- For many different cable types in building installation



LA-700A - Solar Automatic wire stripper for stripping solar PV cables

Stripping Range:	2.5mm ² - 6mm ²
AWG:	23 - 10
Length:	190mm
Weight:	0.5kg

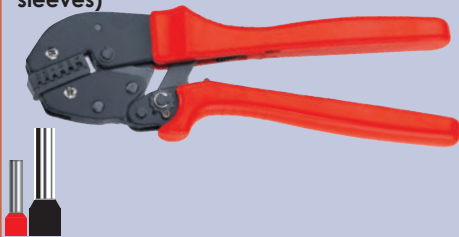
Features:

- Four replaceable blades
- Compact and light structure
- Blade shape for easy and precise wire stripping
- Can use for PTFE silicone rubber materials.



TOOLS - CRIMPERS - END SLEEVES

AP-04WFL - Ratchet energy saving crimping tool for bootlace ferrules (end sleeves)



Crimping Range:	0.5mm ² - 6mm ²
Length:	250mm
Weight:	0.6kg
AWG:	20-11

Features:

- Ratchet Release
- Pressure Adjustment

AP-26TW - Ratchet energy saving crimping tool for double bootlace ferrules (end sleeves)



Crimping Range:	2 x 0.5mm ² - 2 x 6mm ²
Length:	250mm
Weight:	0.73kg
AWG:	2 x 20-10

Features:

- Ratchet Release
- Pressure Adjustment

YAC-5 - Ratchet crimping tool for bootlace ferrules (end sleeves)



Crimping Range:	0.5mm ² - 6mm ²
Length:	200mm
Weight:	0.4kg
AWG:	12-4

Features:

- Ratchet Release
- Pressure Adjustment

YAC-6 - Ratchet crimping tool for bootlace ferrules (end sleeves)

Crimping Range:	0.5mm ² - 16mm ²
Length:	203mm
Weight:	0.4kg
AWG:	12-4

Features:

- Ratchet Release
- Pressure Adjustment



TOOLS - CRIMPERS - END SLEEVES

HSC8 6-4 - Ratchet square crimping tool for bootlace ferrules (end sleeves)



Crimping Range:	0.25mm ² - 6mm ²
Length:	175mm
Weight:	0.38kg
AWG:	23-11

Features:

- Ratchet Release
- Pressure Adjustment
- Self adjusting

HSC8 6-6 - Ratchet hexagonal crimping tool for bootlace ferrules (end sleeves)



Crimping Range:	0.25mm ² - 6mm ²
Length:	175mm
Weight:	0.38kg
AWG:	23-10

Features:

- Ratchet Release
- Pressure Adjustment
- Self adjusting

VH2-35WFL - Spring operated crimping tool for bootlace ferrules (end sleeves)



Crimping Range:	10mm ² - 35mm ²
Length:	200mm
Weight:	0.5kgkg
AWG:	7-2

Features:

- Ratchet Release
- Pressure Adjustment

YAC-8 - Square ratchet crimping tool for bootlace ferrules (end sleeves)



Crimping Range:	0.08mm ² - 6mm ²
Length:	175mm
Weight:	038kg
AWG:	28-10

Features:

- Ratchet Release
- Pressure Adjustment
- Self adjusting

YAC-9 - Hexagonal ratchet crimping tool for bootlace ferrules (end sleeves)



Crimping Range:	0.08mm ² - 6mm ²
Length:	170mm
Weight:	0.38kg
AWG:	28-10

Features:

- Ratchet Release
- Pressure Adjustment
- Self adjusting

HSC8 16-4 - Ratchet square crimping tool for bootlace ferrules (end sleeves)



Crimping Range:	4mm ² - 6mm ²
Length:	210mm
Weight:	0.52kg
AWG:	12-6

Features:

- Ratchet Release
- Pressure Adjustment
- Self adjusting

VH1-06WF - Mini ratchet crimping tool for bootlace ferrules (end sleeves)

Features:

- Ratchet Release
- Pressure Adjustment

Crimping Range:	0.25mm ² - 6mm ²
Length:	170mm
Weight:	0.305kg
AWG:	23-11



YYT-22 - Spring operated crimping tool for bootlace ferrules (end sleeves)

Features:

- Spring operated

Crimping Range:	0.5mm ² - 2.5mm ²
Length:	150mm
Weight:	0.18kg
AWG:	24-14



TOOLS - CRIMPERS - PRE-INSULATED

YYT-1 - Ratchet crimping tool for pre-insulated terminals

Features:

- Pressure Adjustment
- Ratchet release

Crimping Range:	0.5mm ² - 6mm ²
Length:	254mm
Weight:	0.603kg
AWG	20-11



AP-03C - Ratchet energy saving crimping tool for pre-insulated terminals

Features:

- Continuous crimping at preset tension ensures accurate crimp
- Ratchet release
- Pressure adjustment

Crimping Range:	0.5mm ² - 6mm ²
Length:	250mm
Weight:	0.55kg
AWG	20-10



TOOLS - CRIMPERS - PRE-INSULATED

AP-07FL - Ratchet energy saving crimping tool for pre-insulated flag terminals



Crimping Range:	1.5mm ² - 2.5mm ²
Length:	250mm
Weight:	0.55kg
AWG	15-13

Features:

- Continuous crimping at preset tension ensures accurate crimp
- Ratchet release
- Pressure adjustment

VH1-02C-1 - Mini ratchet crimping tool for pre-insulated terminals



Crimping Range:	0.5mm ² - 2.5mm ²
Length:	170mm
Weight:	0.305kg
AWG	20-13

Features:

- Ratchet Release
- Pressure adjustment

HS-03B - Ratchet crimping tool for brass roll-in terminals (open barrel terminals)



Crimping Range:	1.5mm ² - 6mm ²
Length:	230mm
Weight:	0.6kg
AWG:	28-15

Features:

- Ratchet Release
- Pressure Adjustment

YYT11 - Ratchet crimping tool for brass roll-in terminals (open barrel terminals)



Crimping Range:	0.5mm ² - 6mm ²
Length:	227mm
Weight:	0.56kg
AWG:	22-10

Features:

- Ratchet Release
- Pressure Adjustment

A-2546B - MC4 Crimping Tool



Crimping Range:	2.5mm ² ~ 6mm ²
Length:	270mm
Weight:	0.74
AWG	13~10

Features:

- Applicable for non-welding and standard electric connections.
- Internal Lock with self releasing mechanism

FSE-MC4 - MC4 Crimping Tool



Crimping Range:	2.5mm ² ~ 6mm ²
Length:	220mm
Weight:	0.49
AWG	13~10

Features:

- Applicable for non-welding and standard electric connections.
- Internal Lock with self releasing mechanism

TOOLS - CRIMPERS - COPPER

HX-50B - Hexagonal tool with moveable and revolving dies

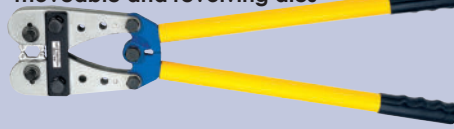


Crimping Range:	6mm ² - 50mm ²
Length:	390mm
Weight:	1.72kg

Features:

- Easy operation: press to rotate the inside dies
- Has an anti-slip handle for a safe application for heavy crimping works
- Used for non-welding and standard electrical connection
- Made of hardened steel, long life, accurate bore diameter and good crimping effect

HX-120B - Hexagonal tool with moveable and revolving dies



Crimping Range:	10mm ² - 120mm ²
Length:	620mm
Weight:	4.0kg

Features:

- Easy operation: press to rotate the inside dies
- Has an anti-slip handle for a safe application for heavy crimping works
- Used for non-welding and standard electrical connection
- Made of hardened steel, long life, accurate bore diameter and good crimping effect

HX-150B - Hexagonal tool with moveable and revolving dies



Crimping Range:	25mm ² - 150mm ²
Length:	620mm
Weight:	4.0kg

Features:

- Easy operation: press to rotate the inside dies
- Has an anti-slip handle for a safe application for heavy crimping works
- Used for non-welding and standard electrical connection
- Made of hardened steel, long life, accurate bore diameter and good crimping effect

YYT8 - Ratchet crimping tool for copper lugs and ferrules

Crimping Range:	1.5mm ² - 10mm ²
Length:	262mm
Weight:	0.58kg

Features:

- Ratchet Release



TOOLS - CRIMPERS - COPPER

HEXB-16 - Ratchet indent crimping tool for copper lugs and ferrules



Crimping Range:	1.5mm ² - 16mm ²
Length:	330mm
Weight:	0.66kg

Features:

- Ratchet Release

HS-16 - Ratchet indent crimping tool for copper lugs and ferrules



Crimping Range:	1.25mm ² - 16mm ²
Length:	270mm
Weight:	0.70kg

Features:

- Ratchet Release

HS-22 - Ratchet indent crimping tool for copper lugs and ferrules



Crimping Range:	5.5mm ² - 25mm ²
Length:	360mm
Weight:	0.84kg

Features:

- Ratchet Release

HS-38 - Ratchet indent crimping tool for copper lugs and ferrules



Crimping Range:	6mm ² - 38mm ²
Length:	354mm
Weight:	0.86kg

Features:

- Ergonomic handle design and providing a comfortable grip, more convenient operation.
- Labor-saving ratchet device, easy operation, clear crimping effects.
- The small size, simple operation and lock-controlled switch ensure durability and good performance.

L6095YO - Indent crimping tool for copper lugs and ferrules



Crimping Range:	10mm ² - 120mm ²
Length:	570mm
Weight:	3.12kg

Features:

- Adjustable nest dies

TOOLS - CRIMPERS - HYDRAULIC

HP-240 - Hydraulic crimping tool (hand-held)



Crimping Range:	16mm ² - 240mm ²
Length:	480mm
Output:	12 Tons
Accessories:	Case and Dies
Weight:	3.8kg
RAM Stroke:	18mm
Dies Included:	16mm, 25mm, 35mm, 50mm, 70mm, 95mm, 120mm, 150mm, 185mm, 240mm

Features:

- Manual release

HP-240F - Hydraulic crimping tool (hand-held)



Crimping Range:	16mm ² - 240mm ²
Length:	380mm
Output:	5 Tons
Accessories:	Case and Dies
Weight:	3kg
RAM Stroke:	15mm
Dies Included:	16mm, 25mm, 35mm, 50mm, 70mm, 95mm, 120mm, 150mm, 185mm, 240mm

Features:

- Auto pressure valve

HP-300 - Hydraulic crimping tool (hand-held)



Crimping Range:	16mm ² - 300mm ²
Length:	480mm
Output:	12 Tons
Accessories:	Case and Dies
Weight:	3.9kg
RAM Stroke:	18mm
Dies Included:	16mm, 25mm, 35mm, 50mm, 70mm, 95mm, 120mm, 150mm, 185mm, 240mm, 300mm

Features:

- Manual Release

CYO-430H - Hydraulic hexagon crimping tool

Crimping Range:	50mm ² - 400mm ²
Length:	620mm
Output:	12 Tons
Weight:	6.5kg
RAM Stroke:	30mm
Dies Included:	50mm, 70mm, 95mm, 120mm, 150mm, 240mm, 300mm, 400mm



Features:

- Twist release

TOOLS - CRIMPERS - HYDRAULIC

CYO-430H for use with CFP800 - Hydraulic crimping tool head

Crimping Range:	50mm ² - 400mm ²
Length:	12 Tons
Output:	4kg
Accessories:	340mm
Weight:	30mm
RAM Stroke:	Case and Dies
Dies Included:	50mm, 70mm, 95mm, 120mm, 150mm, 185mm, 240mm, 300mm, 400mm



Features:

- Case included

CYO-510B - Hydraulic hexagon crimping tool

Crimping Range:	50mm ² - 400mm ²
Length:	650mm
Output:	13 Tons
Weight:	7.2kg
RAM Stroke:	38mm
Dies included:	50mm, 70mm, 95mm, 120mm, 150mm, 185mm, 240mm, 300mm, 400mm



Features:

- Twist Release

TOOLS - HYDRAULIC PUMPS

CFP-800 - Foot operated, 2 stage, hydraulic pump complete with hose and female coupling

Pressure:	700 Bar 10 000psi
Weight:	17.7kg

Features:

- Single-acting foot pump
- With pressure release lever with wide bottom frame
- High pressure oil pipe supplied
- Foot operated style
- Quick couple kept fast connection with compatible tools
- Double speed unit: for quick operation, allow quick oil delivery under no load condition (12.26cc/stroke) and then build sufficient working pressure under load condition (20-700 bar)
- Safety valve: automatically relieves pressure when rated pressure is reached, to protect hydraulic system from over pressure
- Packed with steel case packing for easy carrying and protect pumps well during shipping



HOLE PUNCHES & CUTTERS - HYDRAULIC

MAP-8W - Hydraulic hole punch 360° adjustable head for punching holes in electrical switchboards and panels



Max Thickness:	Mild Steel: 3.2mm ² Stainless steel: 1.6mm ²
Punching Force:	8.9 Tons
Dies Included:	21.8mm, 22.6mm, 54.1mm, 42.7mm, 48.7mm, 60.2mm

Notes:

- Includes plastic carry case
- It contain hydraulic punch driver, with 360 degree rotatable head for flexible operation in place.
- With the help of hydraulic system, making holes by hand become fast and easy

MAP-8RA - Hydraulic hole punch with extended head 360° adjustable for punching holes in electrical switchboards and panels



Max Thickness:	Mild Steel: 3.2mm ² Stainless Steel: 16mm ²
Punching Force:	16 Tons
Dies Included:	21.8mm, 22.6mm, 54.1mm, 42.7mm, 48.7mm, 60.2mm

Notes:

- Includes plastic carry case

MAP-8A - In-line hydraulic hole punch 360° adjustable for punching holes in electrical switchboards and panels



Max Thickness:	Mild Steel: 3.2mm ² Stainless steel: 1.6mm ²
Punching Force:	16 Tons
Dies Included:	21.8mm, 22.6mm, 54.1mm, 42.7mm, 48.7mm, 60.2mm

Notes:

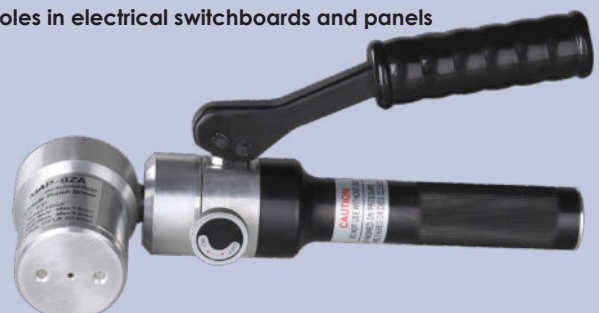
- Includes plastic carry case
- It contain hydraulic punch driver.
- With straight head, compact and easy carrying.
- With the help of hydraulic system, making holes by hand become fast & easy
- 360 degree head design for flexible operation in place.

MAP-8ZA - Hydraulic hole punch with swivel head (90° Head) for punching holes in electrical switchboards and panels

Max Thickness:	Mild Steel: 3.2mm ² Stainless steel: 1.6mm ²
Punching Force:	8.9 Tons
Dies Included:	21.8mm, 22.6mm, 54.1mm, 42.7mm, 48.7mm, 60.2mm

Notes:

- Includes plastic carry case



HOLE PUNCHES & CUTTERS - HYDRAULIC

CPC-85H - Cable and wire cutter for CU/AL

Cuts Copper Strands:	28mm
Aluminium Strands:	38mm
Telephone Cable:	85mm
Length:	510mm
Output:	6.7 Tons
Weight:	6.1kg



Notes:

- Two stage pumping action for rapid blade movement
- Head rotates 180°
- NOT for armoured cable

SYK-15 - Compact, light and fast hydraulic hole punch 360° adjustable for punching holes in electrical switchboards and panels

Notes:

- Small rod, large rod and O-ring set
- Includes plastic carry case



Punching Range:	Mild Steel: below 3mm (Ø 16.5 - 115.5mm) Stainless steel: 1.6mm ²
Punching Force:	15 Tons
Dies Included:	Round Punch: Ø 22.0mm, 27.5mm, 34.3mm, 43.0mm, 60.8mm, up to 115.5mm Square Punch: 32.0 x 32.0mm

TOOLS - HYDRAULIC CUTTERS

CPC-85K - Hydraulic cable cutter

Cutting Range:	85mm ² Cu/AL
Length:	600mm
Output:	6.7 Tons
Weight:	4.5kg

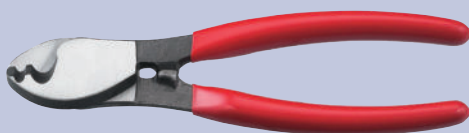


Features:

- NOT for armoured cable
- Metal Case included

TOOLS - CUTTERS

LK-22A - Cable and wire cutter for CU/AL



Cutting Range:	Up to 25mm ²
Length:	160mm
Max Diameter:	15mm
Weight:	0.19kg

Notes:

- Not Suitable for cutting steel wire, armoured cable and steel rope

LK-38A - Cable and wire cutter for CU/AL



Cutting Range:	Up to 35mm ²
Length:	190mm
Max Diameter:	7mm
Weight:	0.3kg

Notes:

- Not Suitable for cutting steel wire, armoured cable and steel rope

LK-60A - Cable and wire cutter for CU/AL



Cutting Range:	Up to 60mm ²
Length:	210mm
Max Diameter:	20mm
Weight:	0.4kg

Notes:

- Not Suitable for cutting steel wire, armoured cable and steel rope

HS-95A - Cable and wire cutter for CU/AL



Cutting Range:	Up to 70mm ²
Length:	220mm
Max Diameter:	15mm
Weight:	0.29kg

Notes:

- Not Suitable for cutting steel wire, armoured cable and steel rope

HS-325A - Ratchet cable core cutter for CU/AL

Notes:

- Not Suitable for cutting steel wire, armoured cable and steel rope



Cutting Range:	Up to 240mm ²
Length:	260mm
Max Diameter:	32mm
Weight:	0.7kg

TOOLS - CUTTERS

LK-450A - Ratchet cable core cutter for CU/AL

Cutting Range:	Up to 400mm ²
Length:	240mm
Max Diameter:	45mm
Weight:	1.06kg

Features:

- **Not Suitable** for cutting steel wire, armoured cable and steel rope



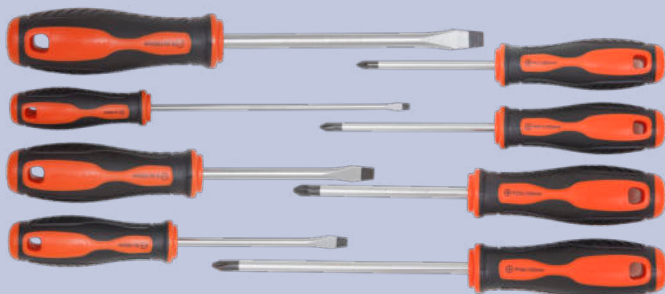
TOOLS - SCREWDRIVERS - UN-INSULATED

SDM8 - 8 Piece "Tyre-Grip" engineering screwdriver set

Slotted:	3.0 x 150mm; 5.0 x 100mm; 6.5 x 100mm; 8.0 x 150mm
Phillips:	PH1; PH2
POZI:	PZ1; PZ2

Features:

- Slip resistant "Tyre-Grip" handle
- Premium Quality SVCM blade 58~61 HRC
- Strong magnetic black tip
- 23% Strength saving



TOOLS - SCREWDRIVERS - INSULATED

SDE6 - 6 Piece "Tyre-Grip" handle 1000V screwdriver set



Slotted:	3.0mm x 75mm
Phillips:	PH2 x 100mm

Features:

- Superior slip resistant "Tyre-Grip" handle
- Premium Quality Cr-V Blade
- 54~58 HRC
- Black magnetic tip
- 23% strength saving

SDE7 - 7 Piece "Tyre-Grip" handle 1000V screwdriver set

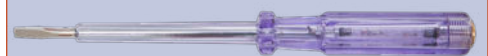


Slotted:	3.0 x 75mm; 4.0 x 100mm; 5.5 x 125mm
Phillips:	PH0 x 60mm; PH1 x 5mm; PH2 x 100mm
Neon Tester	

Features:

- 1000V certification
- Superior slip resistant "Tyre-Grip" handle
- Cr-V material 54 ~ 58HRC
- Black magnetic tip
- 23% Strength saving

SDVT1 - Neon voltage tester



Features:

- CE Approved
- 100-500 V AC
- Neon lamp 30 000 Times
- 3.0 x 145mm Long
- Quality insulation AS body
- AS/Cr-V blade 50~55 HRC

SDVT2 - Neon voltage tester



Features:

- CE Approved
- 100-500 V AC
- Cr-V material 54~58 HRC
- Quality insulation AS body
- Neon lamp testing more than 30 000 times
- Length: 4mm x 190mm

TOOLS - TERMINAL SCREWDRIVERS

KEN-572-5650K - 3mm x 100mm Flat Parallel Screwdriver



Features:

- Pro-Torq Flat Head Screwdriver, Slotted Tip
- Chrome vanadium steel blades with magnetic tips.
- Fitted with a unique dual grip triangular handle which has been designed for improved user comfort.

KEN-572-4340K - 2.4mm x 75mm Flat Pro-Torq Precision Screwdriver



Features:

- Pro-Torq Flat Head Screwdriver, Parallel Tip
- Expert quality, hardened and tempered chrome alloy steel blades.
- Fitter with a unique dual grip handle with revolving top designed for added user comfort whilst allowing more torque to be applied.

KEN-572-4350K - 3.0mm x 75mm Flat Pro-Torq Precision screwdriver



Features:

- Pro-Torq Flat Head Screwdriver, Parallel Tip
- Expert quality, hardened and tempered chrome alloy steel blades.
- Fitter with a unique dual grip handle with revolving top designed for added user comfort whilst allowing more torque to be applied.

TOOLS - PLIERS - COMBINATION

TCB160E - 160mm Electrical Combination Pliers



Features:

- Drop Forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered Jaws.
- Slip-guard safety handles.
- Chrome plated / Satin finish.

TCB180E - 180mm Electrical Combination Pliers



Features:

- Drop Forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered Jaws.
- Slip-guard safety handles.
- Chrome plated / Satin finish.

TCB200E - 200mm Electrical Combination Pliers



Features:

- Drop Forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered Jaws.
- Slip-guard safety handles.
- Chrome plated / Satin finish.

TOOLS - PLIERS - SIDE CUTTERS

TSC160E - Standard 160mm Electrical Side Cutters



Features:

- Drop forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered jaws.
- Slip-guard safety handles.
- Chrome-plated / Satin finish.

TSC180E - Heavy Duty 180mm Electrical Side Cutters



Features:

- Drop forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered jaws.
- Slip-guard safety handles.
- Chrome-plated / Satin finish.

TSC200E - Standard 200mm Electrical Side Cutters



Features:

- Drop forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered jaws.
- Slip-guard safety handles.
- Chrome-plated / Satin finish.

TOOLS - PLIERS - LONG NOSE

TLN160E - Long Nose 160mm Electrical Pliers



Features:

- Drop forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered jaws.
- Slip-guard safety handles.
- Chrome-plated / Satin finish.

TLN180E - Long Nose 180mm Electrical Pliers



Features:

- Drop forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered jaws.
- Slip-guard safety handles.
- Chrome-plated / Satin finish.

TLN200E - Long Nose Bent 200mm Electrical Pliers



Features:

- Drop forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered jaws.
- Slip-guard safety handles.
- Chrome-plated / Satin finish.

TOOLS - PLIERS - ELECTRONIC

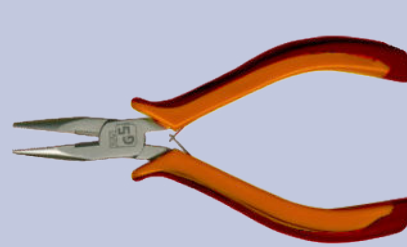
TCB115E - Combination Electronic Pliers



Features:

- Drop forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered jaws.
- Slip-guard safety handles.
- Chrome-plated / Satin finish.

TLN115E - Long Nose Electronic Pliers



Features:

- Drop forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered jaws.
- Slip-guard safety handles.
- Chrome-plated / Satin finish.

TLNB115E - Long Nose Bent Electronic Pliers



Features:

- Drop forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered jaws.
- Slip-guard safety handles.
- Chrome-plated / Satin finish.

TOOLS - PLIERS - ELECTRONIC

TSP160E - Long Nose 160mm Electrical Pliers



Features:

- Drop forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered jaws.
- Slip-guard safety handles.
- Chrome-plated / Satin finish.

TOOLS - CRIMPING TOOLS

CRMP - Crimping Tool



Features:

- Drop forged from high grade special tool steel.
- Individually induction hardened.
- Tempered cutting edge.
- Multi purpose tool.

TOOLS - PLIERS - LOCK GRIP

TLG175 - Lock Grip Pliers



Features:

- Drop forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered jaws.
- Chrome-plated / Satin finish.

TLG250 - Lock Grip Pliers

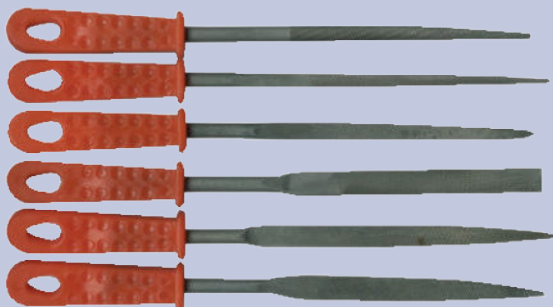


Features:

- Drop forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered jaws.
- Chrome-plated / Satin finish.

TOOLS - FILES

Files



TD250PB	250mm Bastard Flat File with Handle
TD250P2	2nd Cut Flat File with Handle
TD250PS	250mm Smooth Cut Flat File with Handle
TD25HRB	250mm Bastard Half Round File with Handle
TD25HR2	2nd Cut Half Round File with Handle
TD25HRS	250mm Smooth Half Round File with Handle

Features:

- For precision work
- Various shapes available
- Complete with handles
- In plastic holder

TOOLS - TAPE MEASURES

HEAVY DUTY TAPE MEASURES



MDT3M	3m x 16mm Heavy Duty Tape Measure
MDT5M	5m x 19mm Heavy Duty Tape Measure
MDT8M	8m x 25mm Heavy Duty Tape Measure

Features:

- Sturdy Construction.
- Steel case with lever lock.

POWERLOCK Short tapes



STHT33238-8	Tape Powerlock 3m x 13mm
STHT33194-8	Tape Powerlock 5m x 19mm
STHT33168-8	Tape Powerlock 8m x 25mm
33-448	Tape Powerlock 10m x 23mm

Features:

- Compact case - easier to hold & Belt clip for ease of storage
- Tru zero end hook moves to compensate for accurate inside and outside measurements
- Mylar® coated 19mm blade is up to 10 times more resistant to abrasion
- Highly resistant chrome plated metal case
- Class II, Ribbon-blocking button

PR20 Tape Measures



F7221 PR20	3m x 16mm Tape Measure
F7222 PR20	5m x 19mm Tape Measure
F7223 PR20	8m x 25mm Tape Measure
F7224 PR20	10m x 25mm Tape Measure

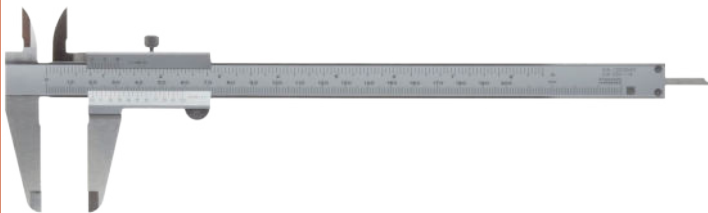
Features:

-



TOOLS - VERNIER CALIPERS

TAB563 - 150mm Standard Vernier Calipers



Features:

- Standard work shop model with set screw.
- Equipped with fine adjustment.
- Assembly slider model.
- Stainless steel, allowance 0.1mm.

SEN-331-1230K - 150mm Electronic Vernier Calipers



Conforms to:	EN 61000-6-3:2007 EN 61000-6-1:2007
Resolution:	0.01mm/0.0005"
Accuracy:	±0.03mm/±0.001"

Features:

- Large display for clarity.
- Fast response speed.
- Zero reset.
- Dual readout mm/inch.
- Multi-use, inside, outside, depth and step measuring.
- Knurled thumb grip for precise movement.

TOOLS - SPIRIT LEVELS

TSLI450 - 450mm Industrial Spirit Level



Features:

- Industrial range.
- Air-cushioned Ergo Grop handles and shockproof caps
- Milled base for accuracy
- Complete with magnet
- 3 Vial - Vertical / Horizontal

TSLI600 - 600mm Industrial Spirit Level



Features:

- Industrial range.
- Air-cushioned Ergo Grop handles and shockproof caps
- Milled base for accuracy
- Complete with magnet
- 3 Vial - Vertical / Horizontal

F7744 LL5 - 600mm Magnetic Spirit Level



Features:

- BUILDERS MAGNETIC LEVEL heavy duty box section with hand holes and plumb, horizontal and angle vial. Magnetic base for use on steel structures.

F7709 LS4 - Boat Spirit Level



Features:

- Aluminium and plastic body
- Magnetic Base
- Fitted with Horizontal, vertical and 45° vials
- Size: 225mm

TOOLS - COMBINATION SQUARE

TSC300 - 300mm Combination Square



Features:

- Die-cast aluminium alloy handle
- Metric graduations.
- Easy to read level vial built into the handle.
- Measures corners accurately when installing windows and doors
- Chrome plated, grooved steel blade with adjustable thumb screw.

F7505 KH445 - 300mm Combination Square



Features:

-



TOOLS - HACKSAWS

THS300 - 300mm Standard Hacksaw



Features:

- General purpose lightweight manufactured to quality standards.

THS300P - 300mm Heavy Duty Hacksaw



Features:

- Heavy-duty.
- Die-cast handle and front gives exceptional blade tensioning.
- Screw pivot lever device for wasy tensioning.
- Easily changeable from vertical to 45 degree cutting.
- Supplied with blade.

THS150P - 150mm Junior Hacksaw



Features:

- Steel rod frame
- Easy to hold, 150mm blade Plastic Handle.
- Steel rectangular frame with increased strength.
- Plastic moulded grip.

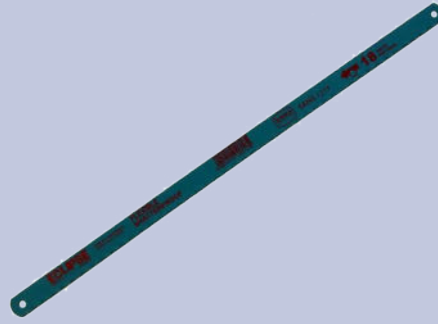
TOOLS - HACKSAW BLADES

ECLIPSE HACKSAW BLADES

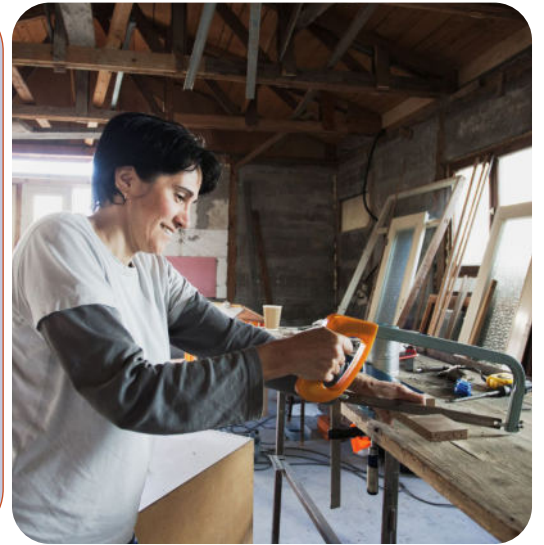


HS18 18TPI HSS Eclipse	300mm
HS24 24TPI HSS Eclipse	300mm
HS32 32TPI HSS Eclipse	300mm

LOW ALLOY QUALIFLEX



HL18 18TPI Low Alloy Qualiflex	300mm
HL24 24TPI Low Alloy Qualiflex	300mm
HL32 32TPI Low Alloy Qualiflex	300mm



TOOLS - KNIVES

TK1 - Trimming Knife Fixed Blade



- Features:**
- Fixed blade

TK2 - Trimming Knife Retractable Blade



- Features:**
- Retractable blade

TK4 - Trimming Knife Folding



- Features:**
- Folding knife with belt clip
 - Pouch included

TK9 - Heavy Duty Trimming Knife Retractable Blade



- Features:**
- Retractable blade
 - Heavy duty

TKSB18 - 18mm Snap-off Knife

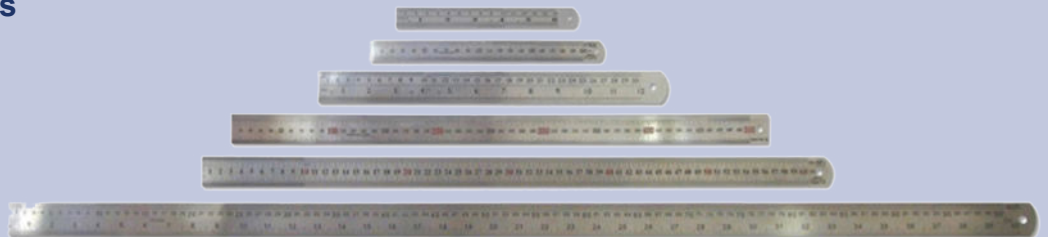


- Features:**
- Retractable blade for safety and convenience
 - Light plastic housing
 - Snap off blade

TOOLS - STEEL RULERS

General purpose steel rules

- Features:**
- Rustless steel
 - Graduated mm both sides on both edges



F7730 30R	General purpose steel rules - 150mm	F7733 30R	General purpose steel rules - 1000mm
F7731 30R	General purpose steel rules - 300mm	F7735 30R	General purpose steel rules - 2000mm
F7732 30R	General purpose steel rules - 600mm		

TOOLS - KNIFE BLADES

F4041TKB10 - Standard duty blades - 10PK



Features:

- Standard replacement blades

Heavy duty blades



F4030TK1B/H5	Heavy duty blades - 5PK
F4036TK1B/H20	Heavy duty blades - 20PK
F4031TK1B/H100	Heavy duty blades - 100PK
F4035TK1B/H350	Heavy duty blades - 350PK

Features:

- Sheffield steel blades.

TOOLS - HEAVY DUTY STAPLE & CENTRE PUNCH

MTUSG1 - Heavy Duty Staple Gun



Features:

- High quality steel

KEN-518-1710K - Standard Duty.



Features:

- Delivers 2.25 ~ 13.5kg
- 120mm

KEN-518-1720K - Heavy Duty



Features:

- Delivers 6,3 ~ 22,5kg
- 149mm

TOOLS - HAMMERS

TCH80Z - Tubular Claw Hammer



Features:

- Professional hammer for woodworking.
- Balanced with head, drop forged, heat treated.
- Induction hardened striking faces.
- Claws accurately machined.
- Tubular shaft with ergonomic handle.
- Tapered inner edges.

TAB378 - Tubular Claw Hammer



Features:

- Professional hammer for woodworking.
- Balanced with head, drop forged, heat treated.
- Induction hardened striking faces.
- Claws accurately machined.
- Tubular shaft with ergonomic handle.
- Tapered inner edges.

TCH500AS - All Steel Claw Hammer



Features:

- Professional hammer for woodworking.
- Balanced with head and shaft forged in one piece from selected tool steel.
- Induction hardened striking faces.
- Ergonomic handle.

TBPH300 - Ball Pein Hammer



Features:

- Professional hammer for woodworking.
- Balanced with head, drop forged, heat treated.
- Induction hardened striking faces.
- Claws accurately machined.
- Shortened handle for the hard-to-reach areas

TAB140 - Club Hammer



Features:

- Professional hammer for woodworking.
- Balanced with head, drop forged, heat treated.
- Induction hardened striking faces.
- Claws accurately machined.
- Wooden hickory handle, securely wedged for permanent tightness.

TRM500 - Rubber Mallet



Features:

- Fibreglass handle
- Hard Rubber compound head for longer life.
- Ideal use for fitting and installation of paving.

TOOLS - MULTITOOLS & ALLEN KEYS

MFP - Multitool



Features:

- Made from stainless-steel and comes with a high-quality nylon holster. It is compact and convenient.
- Folded dimensions: 10.5 cm (Length) x 4.1cm (Width) x 1.7 CM (Height)
- Includes: Long nose pliers, Curve jaw pliers, Wire cutter, Saw, Phillips screwdriver, Standard screwdrivers, Small knife, Large knife, Bottle opener, Scissors, File

TAK9PH - Allen Key Set



Features:

- Ball type long series.
- Supplied in plastic holder.
- Heavy duty Carbon steel.
- Supplied in plastic holder.
- Size: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10

TAK9 - Torx Folding Set



Features:

- Folding plastic holder
- Heavy duty.
- Chrome Vanadium steel
- Sizes: 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 8

TOOLS - RIVET GUNS

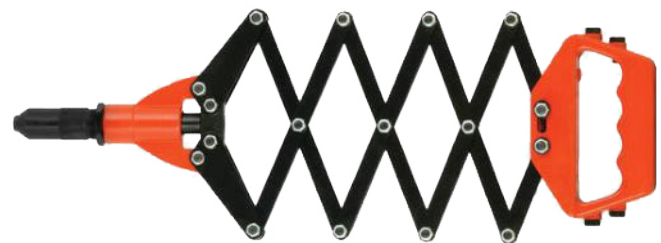
THR250 - Medium Duty 3 Jaw



Features:

- Hand grip ergonomically designed for all hand sizes.
- Additional nose pieces supplied with removal tool.
- 3 Jaw. Better and faster riveting.
- A tool for DIY tradesmen and light engineering work.
- Suitable for 3.2mm, 4.0mm, 4.8mm rivets

THRCON - Heavy Duty Concertina 5 Jaw



Features:

- Nozzles: 3.2 / 4.0 / 4.8 / 6.0 / 6.4mm
- Heavy Duty

TOOLS - SOCKET SET & SPANNER SET

TAB821 - Socket Set 1/2" 26 Piece



Features:

- Sockets and accessories meet the torque and hardness requirements of BS4006 and the U.S federal spec GGG-W641E.
- Sockets are fully polished and mirror chrome plated.
- 16 x Metric sockets
- 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30 & 32mm

Accessories:

- 1/2"DR. Quick Release Ratchet Handle
- 1/2"DR. 250mm Sliding T-BAR
- 1/2"DR. Extension Bar 75mm, 125mm, 250mm
- 1/2"DR. Universal Joint
- 1/2"DR. Spark Plug Socket 16mm & 21mm

TTS12PC - Combination Off-set



Features:

- Chrome vanadium Steel.
- Deep offset ring combination.
- Thin wall ring - UD profile.
- Same size both ends.
- Chrome plated and polished.
- On plastic hanger, sized.

TOOLS - ADJUSTABLE SPANNERS

TAW100 - 100mm Adjustable Spanner



Features:

- Manufactured to DIN3117 specifications.
- Graduations of face.
- Drop forged from high quality CV steel.
- Black phosphate finish.

TAW150 - 150mm Adjustable Spanner



Features:

- Manufactured to DIN3117 specifications.
- Graduations of face.
- Drop forged from high quality CV steel.
- Black phosphate finish.



TAW250 - 250mm Adjustable Spanner



Features:

- Manufactured to DIN3117 specifications.
- Graduations of face.
- Drop forged from high quality CV steel.
- Black phosphate finish.

TAW200 - 200mm Adjustable Spanner



Features:

- Manufactured to DIN3117 specifications.
- Graduations of face.
- Drop forged from high quality CV steel.
- Black phosphate finish.

TOOLS - UNIVERSAL PANEL KEY

TUKEY - Universal Panel Key



Features:

- Multi purpose - electrical panels.
- Material - die cast zinc.
- 4 way general purpose key.

MINI MARKERS, CLOTH, RAGS

MM001 - 72pc Mini-Markers in a Jar



TAB069 - Mutton Cloth A Grade



Features:

- 100% Cotton
- Various Weights
- Absorbent
- Wrapped to keep clean

TAB682 - Cleaning Rags



Features:

- 5Kg Rags

TOOLS - SOLDERING IRONS

TSOL013 - 30 WATT Soldering Iron



Features:

- CE and GS approval
- Easy to replace tip
- Heat resistant handle
- Ideal for TV, HiFi and general electrical work
- Comes complete with stand

TSOL014 - 40 WATT Soldering Iron



Features:

- CE and GS approval
- Easy to replace tip
- Heat resistant handle
- Ideal for TV, HiFi and general electrical work
- Comes complete with stand

TSOL016 - 60 WATT Soldering Iron



Features:

- CE and GS approval
- Easy to replace tip
- Heat resistant handle
- Ideal for TV, HiFi and general electrical work
- Comes complete with stand

TSOL018 - 80 WATT Soldering Iron



Features:

- CE and GS approval
- Easy to replace tip
- Heat resistant handle
- Ideal for TV, HiFi and general electrical work
- Comes complete with stand

TSOL020 - 100 WATT Soldering Iron



Features:

- CE and GS approval
- Easy to replace tip
- Heat resistant handle
- Ideal for TV, HiFi and general electrical work
- Comes complete with stand

MAGNUM 2002 - Temperature Controlled Soldering Iron



Features:

- Stepless temperature selection between 150°C & 500°C
- Thermocouple sensing to maintain tip temperature within $\pm 5^\circ\text{C}$ of selected temperature.
- Electronic proportional control varies the heating period as required to maintain set temperature.
- Heating pulse indicator.
- Units earthed with potential balance socket.
- Triac switching at zero-crossover point.
- Robust ABS cabinet.
- Illuminated rocker switch.
- Safety-spring holder.
- Cleaning sponge.
- Spare tip storage.
- Potential balance socket.
- Supplied with standard SM100003 tip (EW-303)

TSOL012 - 200g Solder Sucker



KITS

TDEPIKS - 150 Pieces Pre-Insulated Electrical Terminal Kit, 18 compartment plastic box



IES KIT - 1000 Piece Pre-Insulated Terminal Kit, 18 compartment plastic box



PROKIT 2 - 2150 Pieces Pre-Insulated Electrical Terminal Kit, steel box with 24 compartments



TDEPIKL - 750 Pieces Pre-Insulated Automotive Terminal Kit, 18 compartment plastic box



PROKIT 3 - 1475 Pieces Electrical Kit. Copper lugs and ferrules in steel box with 24 compartments.



HSK170 - 170 Pieces Heatshrink Tubing Kit - Colour - 1.00mm - 9.0mm

Features:

- Tubing length: 100mm
- Sizes: 1.0 / 2.0 / 3.0 / 4.5 / 6.0 / 9.0mm



HSK230 - 230 Pieces Heatshrink Tubing Kit - Black

Features:

- Tubing length: 100mm
- Sizes: 3.0 / 4.5 / 6.0 / 9.0 / 12.0 / 18.0mm



MAXTORQUE - TOOL BAGS & KITS

MAXMINI - 15pc Toolkit

MAXMINI1 - 15pc Toolkit



Bag Dimensions: 30cm (H) x 18cm (W)

Features MAXMINI:

- MaxMini Bag Included
- 1pc 6 LED Headlight with Adjustable Setting
- 1pc Utility Knife
- 7pc 1000V Insulated Screwdriver set:
Slotted: 3.0 x 75mm, 4.0 x 100mm, 5.5 x 125mm
Philips: PH0 x 60mm, PH1 x 75mm, PH2 x 100mm
Neon Tester
- 1pc 150mm Adjustable Spanner
- 1pc 160mm Long Nose Pliers
- 1pc 160mm Diagonal Plier
- 1pc 160mm Combination Plier
- 1pc Universal Panel Key

Features MAXMINI1:

- MaxMini Bag Included
- 1pc 6 LED Headlight with Adjustable Setting
- 1pc Utility Knife
- 7pc 1000V Insulated Screwdriver set:
Slotted: 3.0 x 75mm, 4.0 x 100mm, 5.5 x 125mm
Philips: PH0 x 60mm, PH1 x 75mm, PH2 x 100mm
Neon Tester
- 1pc 150mm Adjustable Spanner
- 1pc 200mm Long Nose Pliers
- 1pc 200mm Diagonal Plier
- 1pc 200mm Combination Key Plier
- 1pc Universal Panel Key

MAXELEC- 16pc Toolkit (without Meter)



Bag Dimensions: 38cm (H) x 24cm (W)

Features:

- MaxElec Bag Included
- 1pc Utility Knife
- 1pc Allen Key Set, comprising of 9 keys: - 1.5, - 2.0, - 2.5, - 3.0, - 4.0, - 5.0, - 5.5, - 6.0, - 8.0
- 7pc 1000V Insulated Screwdriver set:
Slotted: 3.0 x 75mm, 4.0 x 100mm, 5.5 x 125mm
Philips: PH0 x 60mm, PH1 x 75mm, PH2 x 100mm
Neon Tester
- 1pc 200mm Adjustable Spanner
- 1pc 6 LED Headlight with Adjustable Setting
- 1pc 160mm Long Nose Pliers
- 1pc 180mm Diagonal Cutter
- 1pc 160mm Combination Plier
- 1pc Indent Crimper

MAXPRO - 16pc Toolkit Pro (without Meter)



Bag Dimensions: 38cm (H) x 24cm (W)

Features:

- MaxPro Bag Included
- 1pc 200mm Adjustable Spanner
- 1pc Utility Knife
- 7pc 1000V German Insulated Screwdriver set:
Slotted: 3.0 x 75mm, 4.0 x 100mm, 5.5 x 125mm
Philips: PH0 x 60mm, PH1 x 75mm, PH2 x 100mm
Neon Tester
- 1pc 22mm Cable Cutter
- 1pc 160mm Long Nose Pliers (Super Range)
- 1pc 180mm Pliers (Super Range)
- 1pc Indent Crimper
- 1pc Universal Panel Key
- 1pc 6 LED Headlight with Adjustable Setting

MAXBP- Backpack for your tools

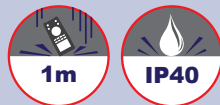
Bag Dimensions: 46cm x 16cm x 37cm

Features:

- Excellent quality for electricians, technicians, HVAC, Mining and anyone who needs tools on the move.
- Internal removeable pocket sleeve for loose tools.

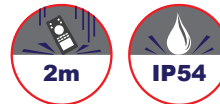


MINI1 - Smart Phone Thermal Camera



- Image Sensor: Vanadium Oxide Uncooled Focal Plane Arrays
- IR Resolution: 160 x 120
- Pixel Pitch: 17µ
- Spectrum Range: 8 - 14 µm
- NETD: <40 mK
- Focal Length: 3.2mm
- FOV: 50° x 38° (H x V)
- Min Focus Distance: 20cm
- Focus: Fixed
- Image Frequency: 25Hz
- Aperture: F1.1
- Accuracy: +/- 0.5°C
- Object Temp Range: 5°C ~ 100°C
- Shutter: Automatic/Manual
- Powered by Smartphone - Android
- Measurement Presets: Hot Spot; 1 Point Preset; 1 Area Preset; Off
- Colour Palettes: Black Hot; White Hot; Red Hot; Rainbow; Ironbow; Fusion; Rain
- Video Format: MP4
- Image Format: JPEG

EL1 - Handheld Thermography Camera



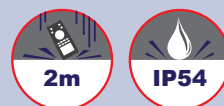
- Image Sensor: Vanadium Oxide Uncooled Focal Plane Arrays
- IR Resolution: 160 x 120
- Pixel Pitch: 17µ
- Spectrum Range: 8 - 14 µm
- NETD: <40 mK
- Focal Length: 3.1mm
- FOV: 37.2° x 50° (H x V)
- Min Focus Distance: 0.15m
- Focus: Fixed
- Image Frequency: 25Hz
- Aperture: F1.1
- Display: 320 x 240 Resolution, 2.4" LCD Screen
- Accuracy: +/- 2°C
- Object Temp Range: -20°C ~ 550°C
- Measurement Presets: Center Spot; Hot Spot; Cold Spot; Off
- Colour Palettes: Black Hot; White Hot; Rainbow; Ironbow;
- Storage Media: Removable Micro SD Card
- Image Format: JPEG
- Laser Pointer Class II

M10 - Handheld Thermography Camera



- Image Sensor: Vanadium Oxide Uncooled Focal Plane Arrays
- IR Resolution: 160 x 120
- Pixel Pitch: 17µ
- Spectrum Range: 8 - 14 µm
- NETD: <40 mK
- Focal Length: 6.2mm
- FOV: 25° x 18.7° (H x V)
- IFOV: 2.74mrad
- Focus: Manual
- Image Frequency: 25Hz
- Aperture: F1.1
- Optical Picture Res: Configurable 2MP; 5MP; 8MP
- Optical Video Res: 640 x 480
- Optical Focus: Fixed
- Optical FOV: 25° x 18.7°
- Display: 640 x 480 Resolution, 3.5" LCD Screen
- Accuracy: +/- 2°C
- Digital Zoom
- Image Mode: Thermal / Optical / Fusion / PIP
- Object Temp Range: -20°C ~ 550°C
- Measurement Presets: Center Spot; Hot Spot; Cold Spot; Off
- Colour Palettes: Black Hot; White Hot; Rainbow; Ironbow; Red Hot; Fusion; Rain
- High Temp Alarm
- Colour Alarm: Above / Below / Interval / Insulation
- Storage Media: Removable Micro SD Card
- Image Format: JPEG
- Laser Pointer Class II
- 70 Lumens LED Light
- Wi-Fi
- Bluetooth

M30 - Handheld Thermography Camera



- Image Sensor: Vanadium Oxide Uncooled Focal Plane Arrays
- IR Resolution: 384 x 288
- Pixel Pitch: 17µ
- Spectrum Range: 8 - 14 µm
- NETD: <35 mK
- Focal Length: 10mm
- FOV: 37.5° x 28.5° (H x V)
- IFOV: 1.7mrad
- Focus: Manual
- Image Frequency: 25Hz
- Aperture: F1.0
- Optical Picture Res: Configurable 2MP; 5MP; 8MP
- Optical Video Res: 640 x 480
- Optical Focus: Fixed
- Optical FOV: 37.5° x 28.5°
- Display: 640 x 480 Resolution, 3.5" LCD Screen
- Accuracy: +/- 2°C
- Digital Zoom
- Image Mode: Thermal / Optical / Fusion / PIP
- Object Temp Range: -20°C ~ 550°C
- Measurement Presets: Center Spot; Hot Spot; Cold Spot; Off
- Colour Palettes: Black Hot; White Hot; Rainbow; Ironbow; Red Hot; Fusion; Rain
- High Temp Alarm
- Colour Alarm: Above / Below / Interval / Insulation
- Storage Media: Removable Micro SD Card
- Image Format: JPEG
- Laser Pointer Class II
- 70 Lumens LED Light
- Wi-Fi
- Bluetooth

UT61B+ - Multimeter

TRUE RMS

- AC/DC Voltage: 1000 V
- AC/DC Current: 10A
- Resistance: 60MΩ
- Frequency: 10Hz ~ 10MHz
- Capacitance: 60mF
- MAX/MIN
- Diode
- Continuity Buzzer
- Relative Mode
- Analog Bar
- NCV
- Data Hold
- LCD Backlight
- Low Battery Indication
- Auto Power Off
- Display Count 6000



UT61D+ - Multimeter

TRUE RMS

- AC/DC Voltage: 1000 V
- AC/DC Current: 20A
- Resistance: 60MΩ
- Frequency: 10Hz ~ 10MHz
- Capacitance: 60mF
- Temperature: -40°C ~ 1000°C
- MAX/MIN
- Diode
- Continuity Buzzer
- Relative Mode
- Analog Bar
- NCV
- Data Hold
- Peak Hold
- LoZ ACV
- LCD Backlight
- Low Battery Indication
- Auto Power Off
- Display Count 6000



UT136C+ - Multimeter

- AC/DC Voltage: 1000 V
- AC/DC Current: 10A
- Resistance: 40MΩ
- Capacitance: 40mF
- Frequency: 400Hz ~ 40MHz
- Temperature: -40 ~ 1000°C
- APO
- Data Hold
- hFE Transistor Test
- Diode
- Low Battery Indication
- Overload Alarm
- Test Probe Holder
- Backlight
- 4000 Display Count



UT161B - Multimeter

TRUE RMS

- AC/DC Voltage: 1000 V
- AC/DC Current: 10A
- Resistance: 60MΩ
- Frequency: 10Hz ~ 10MHz
- Capacitance: 60mF
- MAX/MIN
- Diode
- Continuity Buzzer
- hFE Transistor
- Relative Mode
- Analog Bar
- NCV
- Data Hold
- LCD Backlight
- Low Battery Indication
- Auto Power Off
- Display Count 6000



UT161D - Multimeter

TRUE RMS

- AC/DC Voltage: 1000 V
- AC/DC Current: 20A
- Resistance: 60MΩ
- Frequency: 10Hz ~ 10MHz
- Capacitance: 60mF
- Temperature: -40°C ~ 1000°C
- MAX/MIN
- Diode
- Continuity Buzzer
- Relative Mode
- Analog Bar
- NCV
- Data Hold
- Peak Hold
- LoZ ACV
- LCD Backlight
- Low Battery Indication
- Auto Power Off
- Display Count 6000



UT890C - Multimeter

TRUE RMS

- DC Voltage: 1000 V
- AC Voltage: 750V
- AC/DC Current: 20A
- ACV Frequency: 10Hz ~ 10kHz
- Resistance: 60MΩ
- Frequency: 9.999MHz
- Capacitance: 100mF
- Temperature: 1000°C
- NCV
- MAX/MIN
- Diode
- Continuity Buzzer
- hFE Transistor
- High Voltage Phase Detection
- Data Hold
- LCD Backlight
- Low Battery Indication
- APO
- Test Pen Holder
- 6000 Display Count



UT262A - Non-Contact Phase Detector

- LED Buzzer Indication
- Missing Phase Detection
- Live Power Detection
- Circuit Break Detection
- Power On Indication
- AC Voltage: 70V ~ 600V
- Frequency: 40Hz ~ 70Hz
- Clamp Opening: 1.6 ~ 16mm
- Phase Sequence (Positive phase) Four Phase Lights On Clockwise and Beeping Sounds
- Phase Sequence (Negative Phase) Four Phase Lights on Anti-clockwise and Solid Sound
- Voltage Detection
- APO



UT701 - Single Function Source Temperature Calibrator

- DC mV: 100.00mV/1000.0mV
- Resistance: 5000Ω
- Thermocouples: J/K/T/E/R/S/B/N/Wre325/Wre526
- RTDs: Pt10/Pt100/Cu50/Cu100
- Output Accuracy: 0 ~ 0.05%
- Ramp Functions
- Step Functions
- Output Accuracy: 0 ~ 0.5%
- Output Functions: DC Voltage, Resistance, Thermocouple and Thermal Resistance
- Ramp Function - Source, RAMP
- Step Function - Source, STEP
- 6 Digit Display



UT705 - Single Function Source Loop Calibrator

- DC Voltage: 30V
- DC Current: 24mA
- Loop Current: 24mA
- Loop Power Function: 24V
- Accuracy: Up to 0.02%
- Ramp Functions
- Step Function



UNI-T INSULATION TESTER

UNI-T®

UT501B - 1 kV Insulation Resistance Tester



- Insulation Test Voltage: 250V/500V/1000V
- Short Circuit Current: < 2mA
- Low Resistance: 0.01Ω ~ 200Ω
- AC Voltage: 600V
- DAR
- Auto Ranging
- Low Battery Indication
- Alarm Indication
- High Voltage Indication
- 10MΩ Internal Resistance Test
- 2000 Display Count
- PI
- LCD Backlight
- Alarm Buzzer
- Over Load Indication
- Auto Discharge
- Continuity



UT513A - 5kV Insulation Resistance Tester



- 5KV Digital Insulation Resistance Tester
- Insulation Resistance up to 1000GΩ
- 600V AC/DC
- Analogue Bar Graph (30 Segments)
- Data Logging 18
- Secondary Display
- Polarization Index (Pi)
- Dielectric Absorption (DAR)
- Insulation Voltages 500/1000/2500/5000V
- Short Circuit Current < 3mA
- Auto Ranging
- High Voltage Indication
- APO
- Over-Range Warning
- Comparison Measurement
- Low Battery Indication
- 10 000 Display Count
- USB Interface
- LCD Backlight



UT516B - Insulation Resistance Tester

- 5KV Digital Insulation Resistance Tester
- Insulation Resistance up to 1000GΩ
- 1000V AC/DC
- Data Logging 18
- Polarization Index (Pi)
- USB Interface
- LCD Backlight
- APO
- Over-Range Warning
- Comparison Measurement
- Low Battery Indication
- 10 000 Display Count



UNI-T CONTINUITY TESTER

UNI-T®

UT15C - Voltage Tester (Voltstick)

- LED AC/DC Voltage Indication (V) 12V ~ 690V
- LCD AC/DC Voltage Display (V) 24V ~ 690V
- Phase Rotation Test
- Single Lead (L2) Voltage Detection
- Continuity Test: Resistance 0~400kΩ, Beeper LED Light Indicator
- Polarity Detection
- Auto Range
- Low Battery Indication
- Work Light



UT18D - Voltage and Continuity Tester

- LCD AC/DC Voltage Display (V) 6V ~ 690V
- Phase Rotation Test
- Single Lead (L2) Voltage Detection
- Continuity Test: Resistance 0~100kΩ, Beeper LED Light Indicator
- Polarity Detection
- Auto Range
- Low Battery Indication
- Over Voltage Prompt
- Flashlight
- Buzzer & Silent Mode
- Test Live Voltage Without Batteries
- LCD Backlight



UT22B-EU - Voltage Tester

- LED AC/DC Voltage Indication (V) 12V ~ 400V
- Frequency: 50/60Hz
- Voltage Indication: LED
- Auto Detection of AC/DC
- Input Protection
- Low Battery Indication



UNI-T DATA LOGGER

UNI-T®

UT330B - Data Logger

- Temperature Range: -40°C ~ 80°C
- IP67
- Temperature Offset Settings
- Data Logging 60 000
- USB Interface
- User Name Settings
- Alarm Threshold
- Start Mode Setup
- Humidity: 0%RH ~ 100%RH
- °C / °F Selection
- Humidity Offset Settings
- Data Recall
- Auto Record Time Setup



UT300A+ - Infrared Thermometer



- Temperature: -20°C ~ 400°C
- Accuracy: +/- 2°C
- Repeatability: 1°C
- D:S Ratio: 10:1
- Response Time: ≤500ms
- Emissivity: 0.95
- Spectral Response: 5.5µm ~ 14µm
- Laser Power: < 1mW
- Selection °C/°F
- Data Hold
- APO
- Low Battery Indication
- LCD Backlight
- Single Laser



UT201+ - 400A TRMS Clamp Meter

- AC Current: 400A
- AC/DC Voltage: 600V
- Resistance 40MΩ
- Display Size: 35 x 27mm
- Backlight
- NCV
- MAX/MIN
- Auto Ranging
- Data Hold
- Diode
- Continuity Test
- Low Voltage Indicator
- Jaw Capacity 28mm
- APO
- 4000 Display Count



UT204+ - 600A TRMS Clamp Meter

- AC/DC Current: 600A
- AC/DC Voltage: 600 V
- Resistance: 60MΩ
- Frequency: 10MHz
- Capacitance: 60mF
- Temperature: -40°C ~ 1000°C
- Auto Range
- NCV
- Neutral/Live Wire Test
- Continuity Buzzer
- Data Hold
- Diode Test
- APO
- Jaw Capacity 28mm
- Relative Mode
- 6000 Display Count



UT207B - TRMS Clamp Meter

- AC/DC Current: 1000A
- AC/DC Voltage: 1000V
- Resistance: 60MΩ
- Capacitance: 60mF
- Frequency: 40Hz ~ 400Hz
- Auto/Manual Range
- Jaw Capacity 42mm
- Diode
- APO
- Data Hold
- MAX/MIN/REL
- LCD Backlight
- Flashlight
- Continuity Test
- NCV
- Low Battery Indication
- Overload Indication
- High Voltage Warning
- 6000 Display Count



UT216C - TRMS Clamp Meter

- AC/DC Current: 600A
- AC Voltage: 750V
- DC Voltage: 1000V
- Resistance: 60MΩ
- Capacitance: 60mF
- Frequency: 1MHz
- Temperature: -40°C ~ 1000°C
- Jaw Capacity: 30mm
- Auto Ranging
- Diode
- V.F.C.
- NCV
- Data Hold
- Flashlight • APO
- MAX/MIN/REL
- LCD Backlight
- Continuity Buzzer
- Low Battery Indication
- Input Protection
- Ideal for Solar Power Systems
- Inrush Current
- Analog Bar Graph
- 6000 Display Count



UNI-T VOLTAGE DETECTORS

UNI-T®

UT12M - Dual Mode AC Voltage Detector **PRO**

- AC Voltage: 90V ~ 1000V AC
- AC Voltage: 24V ~ 1000V AC
- Frequency: 50/60Hz
- Sensitivity Switching: Auto
- Audible/Visual Alarm
- Flashlight
- APO
- Magnetic Field Detection
- Dual Insulation
- Low Voltage Indication
- Neutral/Live Line Distinction
- Indication LED: Green/Red/Yellow



UT12D - Dual Mode AC Voltage Detector

- AC Voltage: 90V~1000V
- AC Voltage: 24V~1000V
- Sensitivity Switching: Auto
- APO
- Flashlight
- Audible/Visual Alarm
- Neutral & Live Line Distinction
- Indication LED: Green/Red/Yellow



UT12E - Dual Mode AC Voltage Detector **PRO**

- AC Voltage: 90V ~ 1000V AC
- AC Voltage: 24V ~ 1000V AC
- Frequency: 50/60Hz
- Sensitivity Switching: Auto
- Audible/Visual Alarm
- Flashlight
- APO
- Vibration Mode
- Dual Insulation
- Neutral/Live Line Distinction
- Low Voltage Indication
- Indication LED: Green/Red/Yellow



UNI-T THERMAL IMAGING

UNI-T®

UTi80P - Pocket Size Thermal Imager

- Display: 60mm TFT LCD
- Temperature Range: -10°C ~ 400°C
- IR Resolution: 80 x 60 Pixels
- Palettes: Iron, Rainbow, Grey
- Emissivity: 0.1 ~ 0.99 Adjustable
- NETD: ≤ 150mK
- High/Low Temperature Alarm
- PC Analysis Software
- Tripod Mounting Hole
- Stores Photos to SD Card
- Size: 76mm x 76mm x 22mm
- Display: 320 x 240 pixels
- FOV: 51°(h) * 38°(V)
- High and Low Temperature Tracking
- Backlight: High/ Medium/ Low
- Rechargeable Lithium Battery



UTi120T - Thermal Imager

- Display: 3.5" LCD
- Temperature Range: -20°C ~ 400°C
- IR Resolution: 120 x 90 Pixels
- Field of view: 50° x 38°
- Thermal Sensitivity: <60mk
- High/Low Temperature Alarm
- PC Analysis Software
- WiFi
- High and Low Temperature Tracking
- Backlight: High/ Medium/ Low



UTi165A - Thermal Imager

- Display: 2.8" LCD
- Temperature Range: -10°C ~ 400°C
- IR Resolution: 160 x 120 Pixels
- Palettes: Iron, Rainbow, Grey
- NETD: ≤ 150mK
- Spatial Resolution: 11mrad
- Frame Rate: <9Hz
- PC Analysis Software
- FOV: 56°(h) * 42°(V)
- High and Low Temperature Tracking



UTi85A - Pocket Size Thermal Imager

- Display: 2.8" TFT LCD
- Temperature Range: 30°C ~ 45°C
- IR Resolution: 80 x 60 Pixels
- Palettes: White Hot, Red, Ice Blue, Rainbow, Iron
- NETD: ≤ 150mK
- Spatial Resolution: 11mrad
- Frame Rate: <9Hz
- PC Analysis Software
- FOV: 51°(h) * 38°(V)
- High and Low Temperature Tracking



UTi260B - Thermal Imager



- Display: 2.8" LCD
- Temperature Range: -15°C ~ 550°C
- IR Resolution: 256 x 192 Pixels
- Palettes: White Hot, Red, Ice Blue, Rainbow, Iron
- NETD: 50mK
- Spatial Resolution: 3.8mrad
- Frame Rate: 25Hz
- FOV: 56°(h) * 42°(V)
- High and Low Temperature Tracking
- Focus Free
- Display Modes: Thermal Blending, Visible, PIP
- Eliminates Interference (ROI)
- Real-time Image transmission
- Flashlight



UT682 - Wire Tracker

- Wire Types: LAN Cable, Telephone Cable, Coaxial Cable, Electric Wire
- Indication Light For Signal Strength
- Live Switchboard Wire Tracing
- Switchboard Wire Tracing Distance: $\geq 100m$
- Telephone Wire Test Distance $\geq 3000m$
- Shielded / Unshielded Tracking Distance $\geq 320m$
- Open and Short Circuit Test
- Polarity Indication for Telephone Wires
- Broken Wire Tracking
- Max Receiver Operating Current 40mA
- Max Receiver Standby Current 10mA
- Telephone Wire and LAN Cables Distinction
- Transmitter Low Battery Indication
- Transmitter Power Supply 9V Battery
- Headphone Jack for Receiver
- Line Sequence Measurement
- Line Sequence Measuring Speed
- LAN Cable: Shielded/Unshielded Indication
- Transmitter - Output Voltage: $\geq 12V$ Peak ~ Peak



UT682D - Wire Tracker

- Wire Types: Telephone Lines/Twisted Pair/Electric Wire
- Telephone Wire Test Distance $\geq 3000m$
- Polarity Indication for Phone Lines
- Transmitter Output Voltage: 8V DC
- Transmitter Power Supply: 9V Battery
- Receiver Power Supply: 9V Battery
- Polarity Indication for Telephone Wires
- Max Receiver Operating Current 40mA
- Max Receiver Standby Current 10mA



UT683KIT - Wire Tracer

- Automatically Identify: Open, Short, Polarity, Cable Failure
- Transmitter:**
 - Port Flashing
 - Wire Tracking
 - Line Alignment
 - Open-short Test: 10k Ω
 - Polarity Test
- Receiver:**
 - Wire Tracking: RJ11 > 3000m; RJ45 > 100m
 - NCV
 - Headset Jack
- Accessories: USB Cable, RJ11 Alligator Clip, Test X-Cable; RJ45 Test Cable, RJ11 Test Cable



UT343D - Coating Thickness Gauge

- Measuring Range: 0 ~ 1250 μm
- Accuracy: 1 μm
- Resolution: 0.1 μm
- Measurement Method: Single/Continuous
- Metal Type: Ferrous / Non-Ferrous
- Display Type: 2.0 inches TFT LCD (320 x 240)
- LCD Brightness Control
- Auto Rotatable Screen
- Unit Conversion
- Audio Alarm
- LED Alarm
- PC Analysis Software
- USB Communication
- Quick Test Mode
- Data Storage 500
- APO
- Low Battery Indication



UT343D

Coating Thickness Gauge

- 5 point quick decision
- Single point quick decision
- Data analysis
- Two-point calibration
- Zero calibration
- Automatic shutdown
- Probe wear resistance
- Automatic change screen
- USB



UT582 - Digital RCD (ELCB) Tester



- RCD Measurement: 10mA ~ 500mA
- Operating Voltage: 195V ~ 253V
- Phase Switch: 0° and 180°
- Lamps Indication
- Disconnect buzzer
- Over-range Display
- Fused
- DC Voltage: $\pm 60V \sim \pm 400V$
- AUTO RAMP
- Mis-Operation Buzzer
- Data Hold
- Power-off Buzzer
- 1000 Display Count



UT586 - Digital RCD (ELCB) Tester



- RCD Measurement: 10mA ~ 1000mA
- AC Voltage: 60V ~ 400V
- DC Voltage: $\pm 60V \sim 400V$
- Operating Voltage: 230V (50Hz)
- Phase Switch: 0° ~ 180°
- Lamp Indication
- Data Hold
- LCD Backlight
- Over Temperature Detection
- 1000 Display Count
- APO
- Fused
- Contact Voltage Automatic Detection
- Low Battery Indication



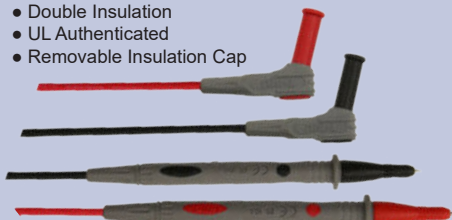
UT593 - Compliance Tester - Multi Functional

- AC Voltage: 440V
- DC Voltage: 440V
- Insulation Test: 250/500/1000V
- Prospective Short Circuit: 26kA
- RCD Test Current: 10/30/100/300/500mA
- Phase Rotation
- Low Ohm Measurement
- ELCB Test (Time & Sensitivity)
- LCD Backlight
- Phase Switch (RCD) 0 ~ 180°
- Auto Half-wave Test
- Loop Impedance
- APO
- Low Battery Indication
- Data Logging
- 10 000 Display Count



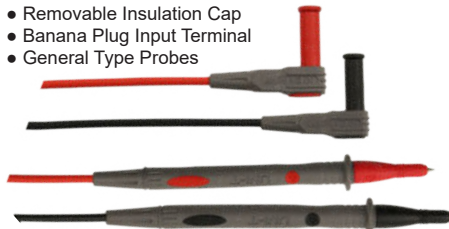
UT-L13 - Double Insulated Test Leads

- Cable Length: 900mm
- Standard Banana Interface: Ø4mm
- Body Length: 128mm
- Probe Length: 18mm
- CAT Rating: CATIII 1000V 10A
- Recommended Alligator Clips: UT-C02A / UT-C04A
- Double Insulation
- UL Authenticated
- Removable Insulation Cap



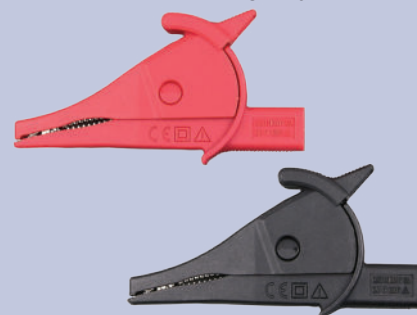
UT-L27 - Double Insulated Test Leads

- Cable Length: 900mm
- Rod Length: 130mm
- Tip Length: 16.3mm Threaded
- CAT Rating: CATIII 1000V, CATIV 600V 10A
- Safety Certificate: EN 61010-031 A1:2015
- Recommended Alligator Clips: UT-C02B
- Double Insulation UL Authenticated Material
- Removable Insulation Cap
- Banana Plug Input Terminal
- General Type Probes



UT-C02A - Alligator Clips

- Through Hole Alligator Clip
- Length: 80mm
- Clip Opening: 36mm
- CAT Rating: CATIII 1000V, CAT IV 600V 10A
- Recommended Test Leads: UT-L13



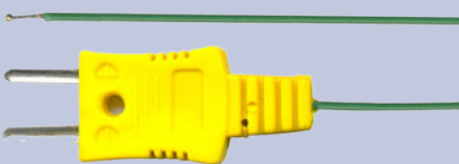
UT-C02B - Alligator Clips

- Through Hole Alligator Clip
- Length: 80mm
- Clip Opening: 36mm
- CAT Rating: CATIII 1000V, CAT IV 600V 10A
- Insulated with M4 Threaded Bore Screw Connection
- Recommended Test Leads: UT-L13



UT-T01 - Thermocouple

- Accuracy: ±0.75%
- Test Range: -40°C ~ 260°C
- Teflon Covered Insulation
- Through Hole Input
- Used for General Temperature Measurement
- NOT for Liquid Measurement



UTT10K - Temperature Probe

- Test Range: -40°C ~ 260°C
- Accuracy: 0.75%
- Used for UT213 series, UT39C, UT204A, UT206, UT208, UT208A, UT107, UT109, UT136C+, UT133A, UT89X, UT39C+



SDH600-B9 - 13mm Corded Impact Drill 600W



Power Output(W):	600W
Max Torque(Nm):	
Chuck Capacity:	
No Load Speed:	
Max Drilling Capacity (Wood)	
Max Drilling Capacity (steel)	
Max Drilling Capacity (concrete)	
Weight:	

Features:

- Hammer action for drilling into brick and masonry
- Lock-on button for one hand control and user safety
- Durable chuck prevents bit loose during operation
- Depth guide for making correct measurement
- Variable speed control with forward and reverse mode to suit different materials

STDC18LHBK - 18V 2.0 AH Hammer Drill / 2A Charger



Voltage:	18V
Max. Torque:	51.4NM
No Load Speed:	0-400/1600
Max. Drilling Capacity (wood)(mm)	38
Max. Drilling Capacity (metal)(mm)	13
Max. Drilling Capacity (masonry)	13
Weight:	1.7kg

Features:

- High performance motor delivering maximum power and durability
- Exceptional torque 51.4Nm & 0 - 27200 IPM for exceptional impact drilling in masonry and soft concrete
- Equipped with Metal chuck, Battery discharge indicator information and 2 bit holder
- 2.0 AH Battery and 2A charger
- Lightweight and compact for continuous work and better control.

STJSJ0600K-B9 - Jigsaw 600W with Kitbox



Power Output(W):	600W
Max Torque(Nm):	
Chuck Capacity:	
No Load Speed:	
Max Drilling Capacity (steel)	
Max Drilling Capacity (concrete)	
Weight:	

Features:

- Variable speed dial provides multiple speed settings for optimal cutting results
- 4 Pendulum settings provides best cutting performance in a variety of materials
- Tool free bevel adjustments at 0°, 15°, 30° and 45° makes bevel changes fast and easy
- Keyless blade change makes blade replacements fast and easy
- Lock-on switch increases user comfort during prolonged cutting tasks

STSS025-B9 - Orbital Sander 1/4 Sheet 220W



Power Output(W):	220W
Max Torque(Nm):	
Chuck Capacity:	
No Load Speed:	
Max Drilling Capacity (Wood)	
Max Drilling Capacity (steel)	
Max Drilling Capacity (concrete)	
Weight:	

Features:

- Palm grip design for single handed sanding
- Versatile, ideal for paint or varnish, cleaning glass, removing rust and sanding in tight spaces
- Large orbit size and high sander speed for faster material removal
- Rubber grip to reduce vibration and provide long fatigue free working time
- Quick and easy paper change with traditional clip attachment

STPT600-B9 - 600W Variable Speed Blower



Measurements:	470mm x 225mm
Weight:	1.7kg
Power Input(W):	600
Air Flow (m3/min)	3.5
No Load Speed (rpm)	16000

Features:

- Suction mode used in restricted application areas
- Lock-on button for one hand control and user safety
- 600W powerful motor for higher tool performance
- 2 Tools in 1: Blower and vacuum cleaner
- Light and compact design for ease of handling
- Optimized fan structure for better air flow
- Variable speed option for easy control of airflow
- Rubber nozzle for greater flexibility during work

STXH2000-B9 - Heat Gun



Power Input(W):	2000W
Variable Speed:	Yes

Features:

- 2 Speed heat gun with variable heat control giving maximum control in all heat gun applications
- Variable heat settings for material appropriate working and large variety of applications
- Ergonomic handle design for comfortable use even over extended periods of time
- Lock-on switch for comfortable, hands-free use
- Standing facility allows using both hands for soldering or bending options

DWD024-B5 - 13mm percussion drill 220V



Power Output(W):	302
Max Torque(Nm):	8.6
Chuck Capacity:	1.5-13mm
No Load Speed:	0-2800
Max Drilling Capacity (Wood)	25
Max Drilling Capacity (steel)	13
Max Drilling Capacity (concrete)	16mm
Weight:	1.82kg

Features:

- Low weight ensures the drill is easy to use & it reduces user fatigue
- Compact design enables comfortable use & allows access to tight spaces
- An excellent power to size ratio results in a powerful, durable drill in a compact size
- Trigger sensitive variable speed switch allows a user to drill slowly for precision accuracy when starting to drill a hole

DCD796D2-QW2 - 18V XR Li-Ion Brushless Compact Hammer Drill Driver



Voltage:	20V
Max. Torque:	70NM
Power Output:	460W
No Load Speed:	0-550/2000
Max. Drilling Capacity (wood)(mm)	40
Max. Drilling Capacity (metal)(mm)	13
Max. Drilling Capacity (masonry)	13
Weight:	2.1kg

Features:

- Brushless Motor Technology for excellent efficiency
- Two speed all metal transmission for increased runtime and longer tool life
- Drill Driver and Hammer feature for multiply applications
- Li-Ion battery packs allows for superior insertion and removal with state of charge indicator
- Multi voltage charger for use with 18V, 14.4V and 10.8V XR Li-Ion battery packs

DW349-ZA - 75mm Jigsaw 500W T-Hand



Power Output(W):	550W
Max Torque(Nm):	
Chuck Capacity:	
No Load Speed:	
Max Drilling Capacity (Wood)	
Max Drilling Capacity (steel)	
Max Drilling Capacity (concrete)	
Weight:	

Features:

- Keyless blade change with patented anti-deflection clamp design for ease of use and accuracy
- Adjustable pendulum action gives increased cutting performance and longer saw blade life
- Shoe bevels 45° to both left and right with presets at 0° and 45° for precise bevelled cuts
- Heavy gauge steel shoe with anti-scratch coating and detachable anti-scratch shoe

DWE6423-QS - 125mm Orbital Sander 280W



Power Output(W):	280W
Orbits per minute:	8000 ~ 12000
No Load Speed:	
Max Drilling Capacity (Wood)	
Max Drilling Capacity (steel)	
Max Drilling Capacity (concrete)	
Weight:	

Features:

- Built in dust extraction port allowing direct connection to dust extractor, or DEWALT AirLock system
- Dust-sealed switch prevents contamination
- Sealed 100% ball-bearing construction provides longer life
- Low vibration allowing for extended usage without fatigue
- Compact palm grip design



KBE2701500E - 13mm Heavy Duty Air Pistol Drill



Chuck Size:	13mm
Free Speed:	500rpm
Recommended Air Pressure:	6.2 bar (90psi)
Air Consumption:	4 cfm (113L/min)
Air Inlet Thread"	1/4" NPT
Minimum Hose Size:	3/8" (10mm)
Sound Pressure Level:	89 dBA
Sound Power Level:	101 dBA
Vibration Level:	2.2m/s ²
Vibration Uncertainty K:	1.32 m/s ²
Overall Length:	225mm
Weight:	1.5kg

Features:

- Industrial quality Jacobs Keyed chuck
- High reduction gearbox
- High Torque
- Teasing throttle offers excellent control
- Robust side handle for 2 handed operation to reduce operator fatigue
- Durable lightweight aluminium body

KBE2704330K - 13mm Reversible Pistol Grip Air Drill



Chuck Size:	13mm
Free Speed:	800rpm
Spindle Thread"	3/8" x 24
Recommended Air Pressure:	6.2 bar (90psi)
Air Consumption:	4 cfm (113L/min)
Air Inlet Thread"	1/4" NPT
Minimum Hose Size:	3/8" (10mm)
Sound Pressure Level:	88.4 dBA
Sound Power Level:	99.4 dBA
Vibration Level:	1.5 m/s ²
Vibration Uncertainty K:	0.65 m/s ²
Overall Length:	218mm
Weight:	1.3kg

Features:

- Powerful 0.5hp motor
- 13mm (1/2") industrial Keyed chuck
- Lightweight composite body reduces the effects of vibration and hand chill
- Two speed trigger (slow speed when pushed halfway)
- Easy thumb controlled forward / reverse lever
- Side handle can be positioned for left or right handed operation and increased stability during low speed applications
- Planetary gears for longer life and smoother running
- Supplied with chuck key and side handle

KBE2702060Q - 115mm Air Angle Grinder



Max. Disc Size:	115 x 7 x 22mm
Free Speed:	11 000rpm
Spindle Size:	3/8" - 24
Recommended Air Pressure:	6.2 bar (90psi)
Air Consumption:	6 cfm (170L/min)
Air Inlet Thread"	1/4" NPT
Minimum Hose Size:	3/8" (10mm)
Sound Pressure Level:	89 dBA
Sound Power Level:	96 dBA
Vibration Level:	4.0 m/s ²
Vibration Uncertainty K:	2.4 m/s ²
Overall Length:	223mm
Weight:	1.8kg

Features:

- Compact lightweight design, well suited to working in confined spaces
- 3-in-1 tool suitable for cutting, grinding and sanding
- Front exhaust for user comfort and clearance of dust
- Safety release throttle prevents accidental start-ups
- Fully adjustable safety guard that locks into position
- Supplied with auxiliary side handle, flanges and spanners

KBE2702070R - 180mm Heavy Duty Air Angle Grinder



Compatible Wheel Diameter:	180mm
Free Speed:	7 000rpm
Recommended Air Pressure:	6.2 bar (90psi)
Air Consumption:	6.5 cfm
Air Inlet Thread"	1/4" NPT
Minimum Hose Size:	3/8" (10mm)
Sound Pressure Level:	103 dBA
Sound Power Level:	109 dBA
Overall Length:	340mm
Weight:	3.6kg

Features:

- Safety lever throttle for increased operator safety
- Double disc clamping system for maximum safety
- Front exhaust for user comfort and clearance of dust
- Fully adjustable safety guard that locks in to position
- For use on polishing, buffing and deburring
- Maintenance applications

KBE2702316P - IW500 1/2" Air Impact Wrench

Drive Size:	1/2"
Free Speed:	8 200rpm
Max. Torque (10sec):	488Nm (360ft/lbs)
Working Torque:	380Nm (280ft/lbs)
Recommended Air Pressure:	6.2 bar (90psi)
Air Consumption:	3.5 cfm (99L/min)
Air Inlet Thread"	1/4" NPT
Minimum Hose Size:	3/8" (10mm)
Sound Pressure Level:	88 dBA
Overall Length:	188mm
Weight:	2.2kg

Features:

- 1/2" square drive
- One piece aluminium housing
- 10 position power regulator
- One hand easy push button for forward / reverse operation
- High-low power regulator
- Maximum bolt capacity M14 (9/16")



Parallel shank jobber drill bits

1000100C2	1.0mm (2/Card)
1000150C2	1.5mm (2/Card)
1000200C2	2.0mm (2/Card)
1000250C2	2.5mm (2/Card)
1000300C2	3.0mm (2/Card)
1000350C	3.5mm
1000400C	4.0mm
1000450C	4.5mm
1000480C	4.8mm
1000500C	5.0mm
1000550C	5.5mm
1000600C	6.0mm
1000650C	6.5mm
1000700C	7.0mm
1000750C	7.5mm
1000800C	8.0mm
1000850C	8.5mm
1000900C	9.0mm
1000950C	9.5mm
1001000C	10.0mm
1001050C	10.5mm
1001100C	11.0mm
1001150C	11.5mm
1001200C	12.0mm
1001250C	12.5mm
1001300C	13.0mm



Features:

- 118 degrees point angle fully ground drill made of 9341 material to DIN 338 specifications for drilling into all steel.

Reduced Taper Shank

1541400	14mm
1541500	15mm
1541600	16mm
1541650	16mm
1541700	17mm
1541750	17mm
1541800	18mm
1541900	19mm
1542000	20mm
1542050	20mm
1542100	21mm
1542200	22mm
1542300	23mm
1542400	24mm
1542500	25mm



Features:

- 118 degrees point angle fully ground drill mad of 9341 material to DIN 338 specifications for drilling into all steel.



MAXTORQUE - RECHARGEABLE TORCHES

TORB01 - 270LM - Rechargeable Torch (Includes Li-ion Battery)



Features:

- CREE XP - G2 S2 up to 50000 hours lifetime
- Tail on/off switch with 10000 cycle lifetime
- IPX4 water resistant and impact resistant lens
- Aircraft aluminium body, drop resistant with type II anodizing finish to protect surface
- Size: 165mm x 23mm x 35mm
- Weight: 155g (excl batteries)
- Mode: HIGH / LOW / SOS
- Output: 35 / 75 / 170 / 380 LM
- Run Time: 2.5H / 5h

TORHEAD5 - 900LM - Super Bright Aluminium LED Head Torch



Features:

- CREE XP - G2 S2 up to 50 000 hours lifetime
- On/off switch with 10000 cycle lifetime
- IP67 water resistant and impact resistant lens
- Aircraft aluminium body, drop resistant with type II anodizing finish to protect surface
- Size: 775mm x 50mm x 44mm
- Weight: 195g (excl battery)
- Mode: LOW / Middle / HIGH / Hidden Strobe
- Output: 200 / 450 / 900 / 900
- Run Time: 6H / 2H10min / 2H / -

TOR600 - 900LM - Super Bright Aluminium LED Torch

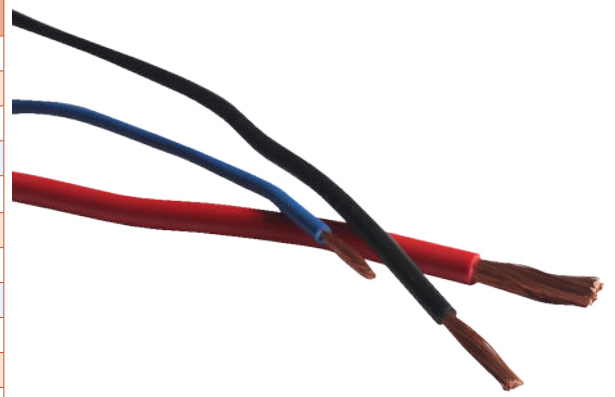


Features:

- CREE XP - G2 S2 LED up to 10000 hours lifetime
- On/off switch with 10000 cycle lifetime
- IPX8 water resistant and impact resistant lens
- Aircraft aluminium body, drop resistant with type II anodizing finish to protect surface
- Size: 153mm x 40mm x 25.4mm
- Weight: 150g (excl battery)
- Mode: LOW / Middle / HIGH / MAX / Strobe / SOS
- Output: 40 / 130 / 430 / 900 / 900 / 900
- Run Time: 35H / 15H / 5H / 4H / - / -

PANEL WIRE

PRODUCT CODE	Size mm ²	Stranding No x Dia	Nominal Amps	Nominal Dia	Mass kg/100m
PW0050-*	0.50	14 x 0.21	3	2.1	0.89
PW0075-*	0.75	21 x 0.21	6	2.7	1.39
PW0100-*	1.00	28 x 0.21	13	2.9	1.67
PW0150-*	1.50	42 x 0.21	17	3.2	2.21
PW0250-*	2.50	44 x 0.26	24	3.6	3.10
PW0400-*	4.00	48 x 0.31	32	4.5	5.05
PW0600-*	6.00	72 x 0.31	41	5.1	7.02
PW1000-*	10.00	128 x 0.31	57	6.2	11.53
PW1600-*	16.00	200 x 0.31	76	7.3	17.53
PW2500-*	25.00	306 x 0.31	101	9.1	28.12
PW3500-*	35.00	440 x 0.31	125	9.8	36.74



Note: All dimensions in mm unless indicated otherwise.

Replace * 0=Black, 1=Brown, 2=Red, 3=Orange, 4=Yellow, 5=Green, 6=Blue, 7=Violet, 8=Grey, 9=White

THREE-D AGENCIES

THE CABLE ACCESSORY COMPANY

a member of the **Hudaco** group

Established in 1977, Three-D Agencies has for over 40 Years provided the highest quality range of cable accessories to a wide spectrum of Southern African industries.

Today Three-D sources products from leading cable accessory manufacturers situated across the globe, helping us to grow into one of Southern Africa's leading cable accessory companies. Our geographic footprint covers all the major economic hubs of South Africa, including Gauteng, Mpumalanga, North West, Western Cape, Eastern Cape and Kwa-Zulu Natal.



This has allowed us to faithfully service the full requirements of our clientele for the past four decades.

Through our vast array of international and local suppliers Three-D has been able to continually grow and improve its product offering to the market.



Today Three-D prides itself upon being a preferred supplier to major industry participants. Our highly experienced sales force and strategically located stocking branches in Johannesburg, Cape Town and Durban are continuously driven to provide world class support and product availability to our customer.

Three-D Agencies aim is to provide its customers with the highest level of service and expertise at all times.

By only providing products of the finest quality our goal

is to be the preferred supplier to our clientele. Through this approach to quality and consistency Three-D strives to become South Africa's Number One Cable Accessories Company.

