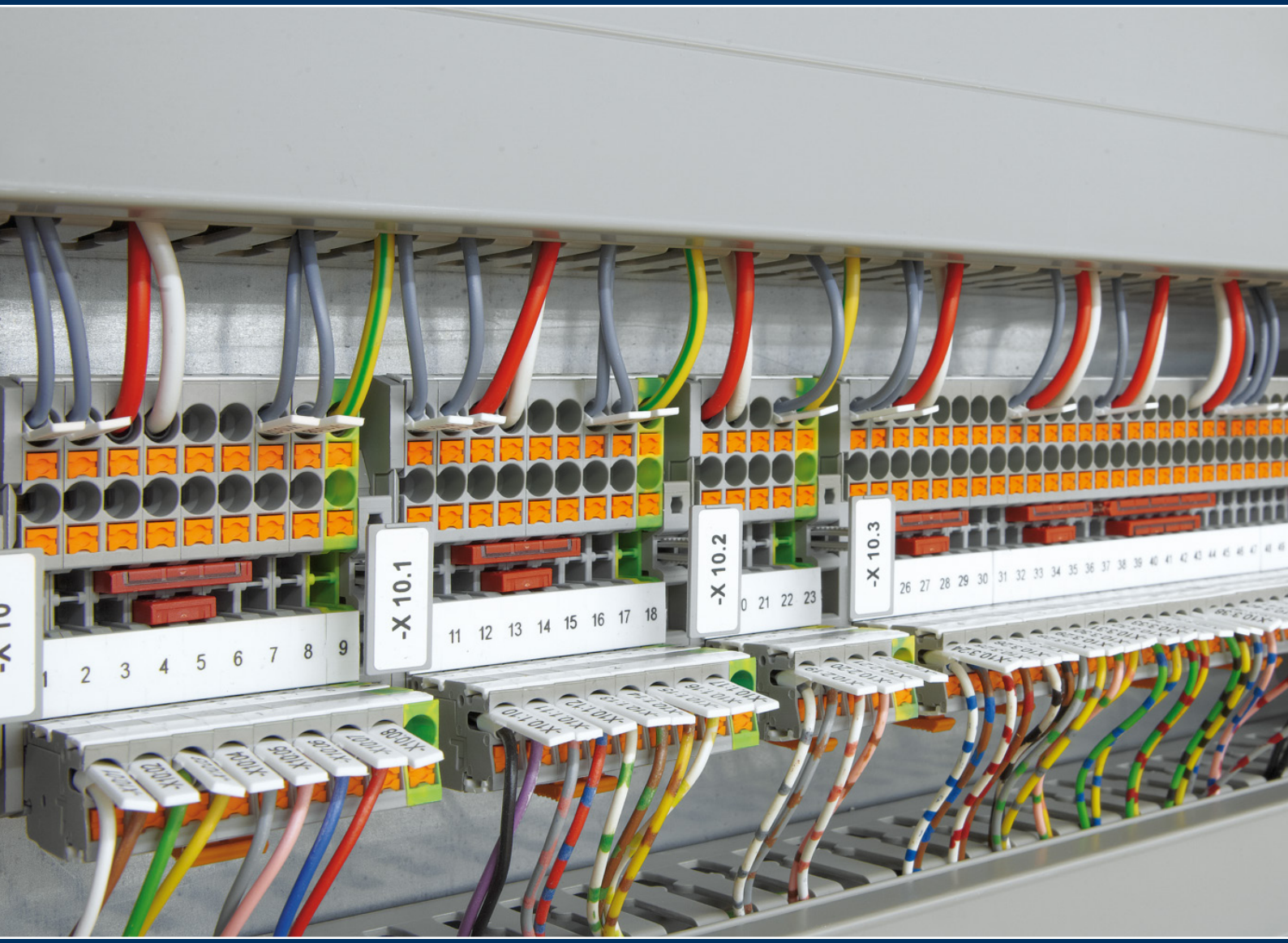
SWITCHES PLUS COMPONENTS

Terminals

2027



Industrial electrical, automation and control products, including hard-to-source and specialist components, backed by technical expertise.

Switches Plus Components

SWITCHES PLUS COMPONENTS

Switches Plus Components is an Australian-owned specialist supplier of industrial electrical, control and automation products, supporting customers across Australia.

We've been working with switchboard builders, OEMs, machine builders, industrial electricians and engineers for more than 40 years, supporting projects where product selection, system integration and long-term performance all matter.

We act as the Australian distributor for over 40 suppliers, with over 10,000 items on our wesbite, and 5,000+ products stocked in our warehouse from leading global manufacturers, known for their quality, reliability and performance in industrial applications.

What We Do

We supply a broad range of industrial electrical, automation and control components suited to your application requirements, whether standard or specialist.

Our role extends beyond supplying part numbers. We focus on solving application challenges, ensuring product decisions align with system design, operating conditions and long-term performance requirements.

Access Specialist and Hard-to-Source Products

Not all projects align with standard, catalogue-based supply. Switches Plus supports applications where system constraints, integration requirements and operating conditions influence product selection. This includes sourcing specialist and hard-to-source components where only specific or niche products will meet the requirements of your application.

Work with a Technically Informed Team

Our team understands the industries our customers work in and how those environments shape product requirements. They work alongside you to provide practical technical input, so product decisions are based on what will perform in your application, not just what's available.

Industries and Applications

Switches Plus Components serves a wide range of customers and industries. Our customers include electrical contractors, switchboard builders, machine builders (OEMs), engineers and system integrators who work across many industries including:

- Defence
- Industrial automation
- Manufacturing plants
- Mining operations
- Utilities
- Infrastructure projects
- Renewable Energy
- Electrical Contractors

These are environments where product selection, technical input and operating conditions directly influence system performance and service life.

Our Mission

We make it easier for our customers to get the right industrial electrical, automation and control products for their application, so they can deliver reliable systems.

Our Vision

To contribute to reliable, well-performing industrial systems across the industries we support.

How We Work

We work from your application requirements
Product selection is guided by how your system is designed, built and expected to perform.

We focus on what will work in your application
Decisions are based on system requirements, operating conditions and long-term performance, not just availability.

We bring practical technical input
Our team understands the industries you work in and provides input that reflects how systems are built, installed and used.

We source beyond standard options when needed
We source components suited to your application, not limited to standard product ranges.

We work alongside you throughout the project
We respond quickly, communicate clearly and work with you to keep things moving.

National Coverage

Switches Plus Components supplies customers across Australia and New Zealand, supporting projects in metropolitan, regional and remote locations.

Contact Details

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Dandenong South, Victoria, 3175

Switches Plus Components

SWITCHES PLUS COMPONENTS

Our Brands

We work with a global network of suppliers, providing access to established brands used across industrial applications.

Product Range

We offer a wide range of industrial electrical components and automation solutions, from consumables through to specialised technical products. This includes both standard stocked products and specialist components sourced for applications where standard options do not meet your requirements.

Products are selected with compliance to relevant standards and appropriate IP ratings in mind, ensuring suitability for industrial environments and application requirements. Our product range includes:

- Automation Components
- Beacons & Alarms
- Cable
- Cable Management & Accessories
- Circuit Protection
- Connectors
- Contactors & Relays
- Enclosures
- Switches
- Terminals & Distribution Devices
- Timers & Monitoring Relays
- Transformers & Power Supplies

Switches Plus Components was established in 1997 through the strategic merger of C&K Electronics and Jesec Switches Plus. This union brought together more than 40 years of combined industry expertise, establishing our position as a market leader in electronic components.

A pivotal moment came in November 2012 when Switches Plus evolved from a traditional electronics components supplier into a comprehensive industrial solutions provider, transforming the company's trajectory and market presence. In February 2025, Switches Plus Components entered an exciting new chapter when it was acquired by Dore Electrics, a move that significantly strengthens the company's footprint in the Industrial Electrical and Automation market.

The partnership with Dore Electrics enhances our ability to deliver comprehensive electrical solutions while maintaining the high standards and customer-focused approach that has defined Switches Plus Components for over four decades.

Catalogues

Looking for something not in this catalogue? Don't worry, we have over 5000 stocked lines, and access to thousands more!











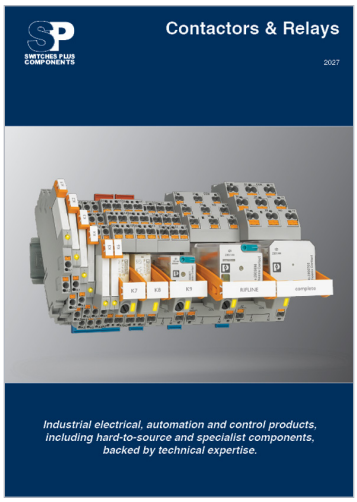



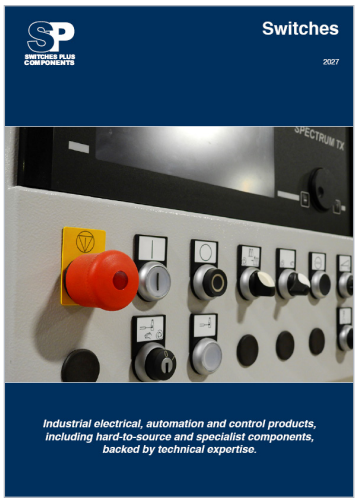

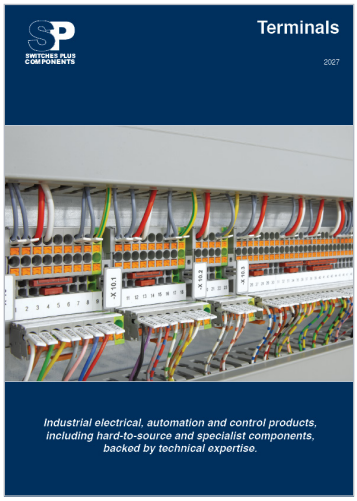





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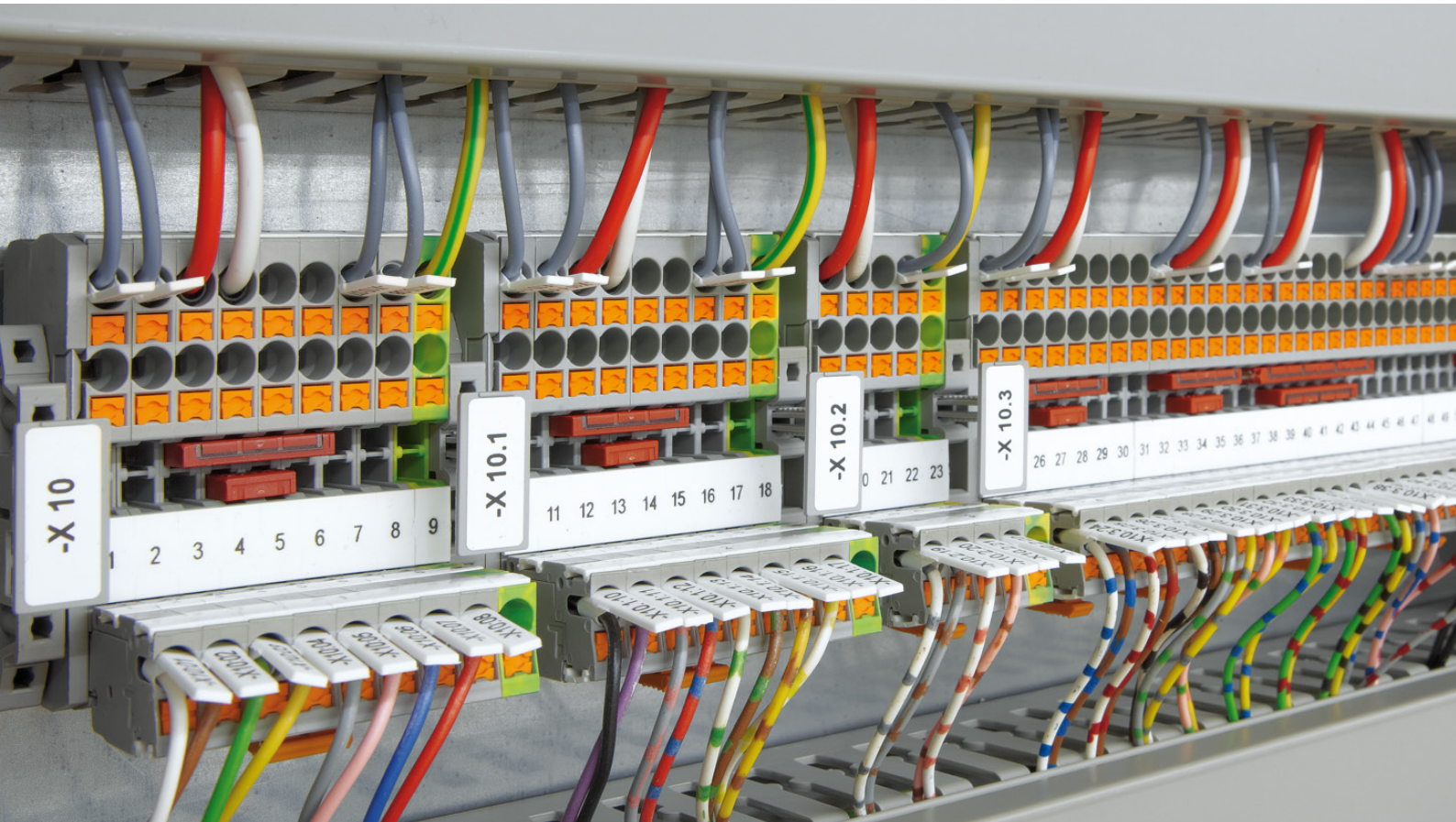


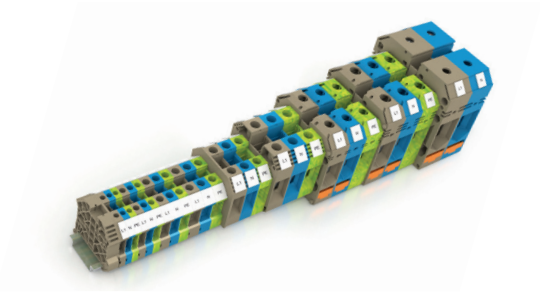
Conta-Clip Din Mount Terminals

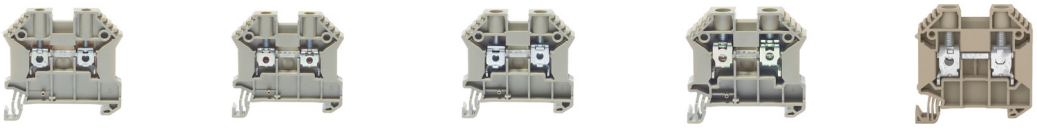
Single tier feed through terminals

Screw Connection

One of the most cutting-edge, screw connection terminal systems, currently available on the market, the CONTA-CLIP SRK series, combines all crucial innovations, in the field of electric terminal blocks, and satisfies even the most demanding quality requirements, regarding stability, safety and easy handling.

The series includes SRK feed-through terminals, and SSL protective earth terminals, in single and double level versions, as well as SSIK fuse disconnect terminals. A very versatile range of accessories is available for all terminal types.





		2.5mm²	4mm²	6mm²	10mm²	16mm²
Ratings	Rated Voltage (IEC)	1000V	1000V	1000V	1000V	1000V
	Rated Current	24A	32A	41A	57A	76A
	Maximum Current	32A	41A	57A	76A	101A
Conductor size	Solid/Stranded	0.2-4mm²	0.2-6mm²	0.2-10mm²	0.2-16mm²	1.5-25mm²
	Flexible					1-25mm²
	Flexible with ferrules	0.2-2.5mm²	0.2-4mm²	0.2-6mm²	0.2-10mm²	1-16mm²
Colour	Beige	17100.2	17104.2	17108.2	17112.2	17124.2
	Blue	17100.5	17104.5	17108.5		17124.5
	Red	17100.9	17104.9	17108.9		17124.9
	White	17100.7	17104.7			
	Black	17100.4	17104.4			
Plates	End Plate	2001.2	2001.2	2001.2	2001.2	17254.2
	Partition	2002.2	2002.2	2002.2	2002.2	
Jumpers (cuttable to desired length)	2 pole Insulated	17201.8	17211.8	17221.8	17231.8	17247.8
	10 pole Insulated	17209.8	17219.8	17229.8	17239.8	
	30 pole Insulated	17210.8	17220.8	17230.8	17240.8	
End cap for cut insulated jumpers		17200.8	17200.8	17200.8	17200.8	



		35mm²	50mm²	70mm²	120mm²
Ratings	Rated Voltage (IEC)	1000V	1000V	1000V	1000V
	Rated Current	125A	150A	192A	269A
	Maximum Current	150A	192A	232A	290A
Conductor size	Solid/Stranded	1.5-50mm²	10-70mm²	10-95mm²	16-150mm²
	Flexible		10-50mm²	10-70mm²	16-120mm²
	Flexible with ferrules	1.5-35mm²	10-50mm²	10-70mm²	16-95mm²
Colour	Beige	17140.2	17156.2	17161.2	17165.2
Jumpers	2 pole insulated	17252.8			

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Conta-Clip Din Mount Terminals

Earth terminals

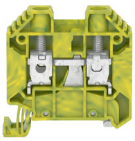
Screw Connection











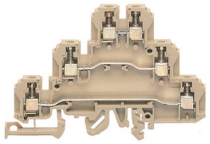


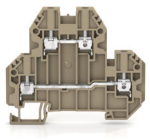
		4mm²	6mm²	10mm²	16mm²	35mm²
Conductor size	Solid/Stranded	0.2-6mm²	0.2-10mm²	0.2-16mm²	1.5-25mm²	1.5-50mm²
	Flexible				1-25mm²	
	Flexible with ferrules	0.2-4mm²	0.2-6mm²	0.2-10mm²	1-16mm²	1.5-35mm²
Colour	Green/Yellow	17107.2	17111.2	17115.2	17130.2	17145.2
End Plate		2001.1	2001.1	2001.1	17254.1	

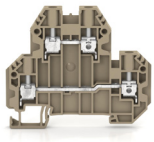
Multi-tier feed through terminals

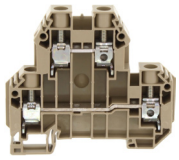
Screw Connection

*More 3 tier initiator terminals available on next page

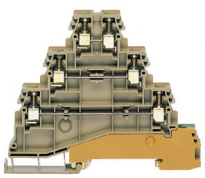






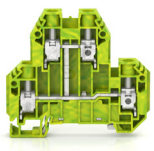


		2.5mm² Triple*	2.5mm² Double	4mm² Double	10mm² Double
Ratings	Rated Voltage (IEC)	250V	1000V	1000V	1000V
	Rated Current	24A	24A	32A	57A
	Maximum Current		32A	41A	76A
Conductor size	Solid/Stranded	0.2-4mm²	0.2-4mm²	0.2-6mm²	0.2-16mm²
	Flexible				
	Flexible with ferrules	0.2-2.5mm²	0.2-2.5mm²	0.2-4mm²	0.2-10mm²
Colour	Beige	2268.2	17180.2	17185.2	17190.2
End Plate		2699.2	17292.2	17292.2	17293.2
Jumpers (cuttable to desired length)	2 pole Insulated		17201.8	17211.8	17231.8
	10 pole Insulated		17209.8	17219.8	17239.8
	30 pole Insulated		17210.8	17220.8	17240.8
	10 pole uninsulated	2425.0			
	98 pole uninsulated	2151.0			
End cap for cut insulated jumpers			17200.8	17200.8	17200.8









		2.5mm² Triple w/ earth	2.5mm² Double	4mm² Double	10mm² Double
Ratings		As above	As above	As above	As above
Conductor size					
Colour	Beige/Earth	1425.2	17182.2	17187.2	17192.2
End Plate		2862.2	17292.1	17292.1	17293.1
10 pole Insulated jumper		2141.0	17209.8	17219.8	17239.8

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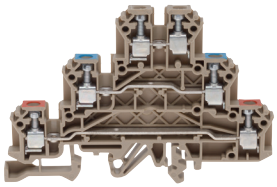
Conta-Clip Din Mount Terminals

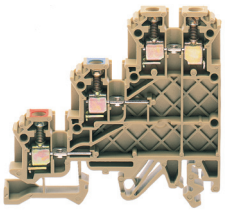
Initiator terminals

Screw Connection

In order to ensure the proper overview of wiring, and also to help you save time and space during your work, CONTA-CLIP offers a 5mm thin initiator terminal with a screw connection – the IK 2.5. This product combines all of the connections found in an initiator, or an actuator into a single terminal.

When combined with the IKD 2.5 power supply terminal, it is possible to connect the terminal strip, of the IK 2.5 initiator terminals, to the power supply without any loss of poles.





		2.5mm² Triple - IKD 2.5	2.5mm² Triple - IK 2.5
Ratings	Rated Voltage (IEC)	250V	250V
	Rated Current	24A	24A
Conductor size	Solid/Stranded	0.2-4mm²	0.2-4mm²
	Flexible		
	Flexible with ferrules	0.2-2.5mm²	0.2-2.5mm²
Colour	Beige	2269.2	1260.2
End Plate		2699.2	2698.2
Jumpers	10 pole uninsulated	2425.0	2425.0
	98 pole uninsulated	2151.0	2151.0

High Current terminals

Stud Connection, Din mount

The newest generation of stud terminals from CONTA-CLIP, offer secure connections, for all energy-transmitting applications. Depending on the wire cross-section, the HSKG stud terminals, can be used with M6, M8, M10, M12 and M16 threaded studs.













Conductor size	35mm²	70mm²	120mm²	185mm²	300mm²
Stud Size	M6	M8	M10	M12	M16
Rated Voltage	1000V	1000V	1000V	1000V	1000V
Rated Current	125A	192A	269A	353A	520A
Dimensions	107 x 27 x 51mm	132 x 32 x 61mm	133 x 42 x 72mm	288 x 55 x 90mm	288 x 55 x 90mm
Terminal	17170.2	17035.2	17023.2	17024.2	17027.2
Cover (yellow)	17275.8	17268.8	17025.8	17123.8	17123.8
2 pole jumper	17276.0	17269.0	17241.0	17243.0	17245.0
3 pole jumper	17277.0	17270.0	17242.0	17244.0	17246.0

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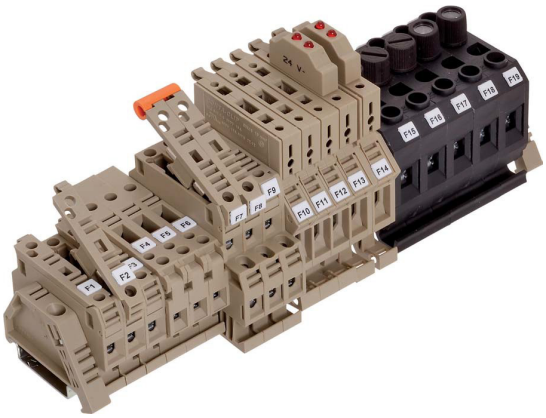
Conta-Clip Din Mount Terminals

Fused and Disconnect terminals

Screw Connection

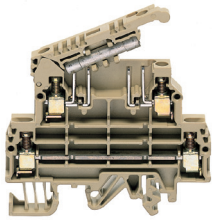
The STK 1 and STK D1 fuse-disconnect terminals, feature a compact shape, so they take up minimal space. The hinged lever, is used to hold the fuse, and locks into its open position. LED status displays, are available for a variety of voltage ranges.

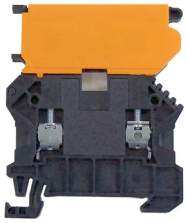


The fuse-disconnect terminals SSIK, feature an extraction lever, that locks into its end position and allows a spare fuse to be attached from the side. Two cross-connection channels, within the fuse-disconnect terminals, allow for potentials to be distributed to adjacent fused and feed-through terminals, from the SRK series, using the standard 4mm² jumper bars. Two or three pole extraction levers, can be coupled, and operated simultaneously by using the VBS connection sleeves. They are available with or without a status display, whereby the display can be retro-fitted onto the base terminal, at a later point in time.

The black fuse holders listed below, have an extended temperature range up to 140°C



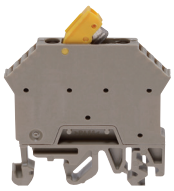


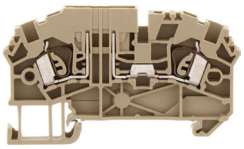




		4mm² fuse terminal (STK 1)	4mm² fuse terminal w/- feed through (STK D1)	6mm² fuse terminal (SSIK)	10mm² fuse terminal
Ratings	Rated Voltage (IEC)	400V	400V	500V	400V
	Rated Current	6.3A	6.3A	10A	10A
Fuse size		5x20	5x20	5x20	5x20
Conductor size		0.2-4mm²	0.2-4mm²	0.14-6mm²	0.2-10mm²
Colour	Beige	2190.2	1079.2		
	Black			17150.4	1367.4
2 pole VBS connection sleeve		2873.3	2873.3	2873.3	
3 pole VBS connection sleeve		2874.3	2874.3	2874.3	
30 pole Insulated Jumper bar				17220.8	
End Plate		2046.2	2187.2	17258.4	2047.4









		10mm² fuse terminal	4mm² Disconnect Terminal	Auto blade fuse terminal*
Ratings	Rated Voltage (IEC)	400V	400V	400V (fuse = 32V)
	Rated Current	10A	10A	18A
Fuse size		6.3x32	5x20	Auto Blade Fuse
Conductor size		0.2-10mm²	0.2-4mm²	0.5-2.5mm²
Colour	Beige		1390.2	3609.2
	Black	17041.4		
End Plate		Not required		3796.2

*Auto blade fuse terminal is spring clamp termination.

Current	32V Auto Fuse
1A	4991.0
2A	4992.0
3A	4993.0
4A	4994.0
5A	4995.0
7.5A	4996.0
10A	4997.0
15A	4998.0

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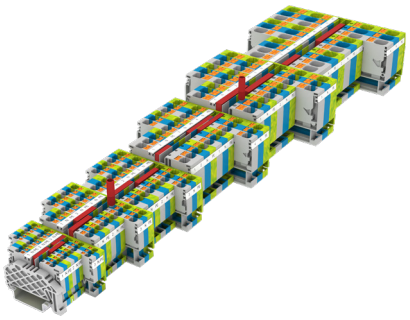
Conta-Clip Din Mount Terminals

Push-in feed through terminals

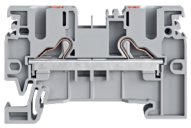
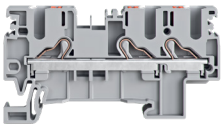
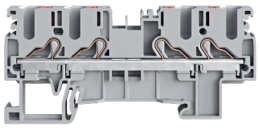
Push-in Connection

The PRK terminal blocks with Push-in wire connections have distinct advantages over other existing connection systems. Our CONTA-CLIP solution permits solid and stranded (with wire-end ferrules) wires to be inserted using minimal force and no tools. The PushIn spring ensures high contact force. The wire can be removed using the built-in insulated push mechanism.

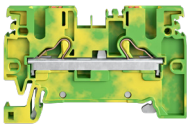
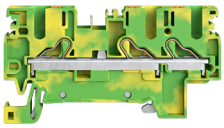
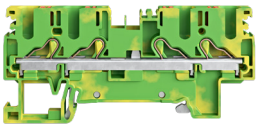


Despite the high contact force of the push-in-spring, the PRK series terminals allow a safe tool-free insertion of conductors with low insertion forces. The conductors are decontacted via the integrated / insulated pushers, which ensure a safe actuation of the clamping point. This results in a noticeable time advantage in the wiring process.

Technical Data		2.5mm²	4mm²	6mm²
Ratings	Rated Voltage (IEC)	800V	800V	1000V
	Rated Current	28A	32A	52A
Conductor size	Solid	0.14-4mm²	0.2-6mm²	0.5-10mm²
	Flexible with ferrules	0.14-2.5mm²	0.2-4mm²	0.5-6mm²

Size	2.5mm²	2 way	3 way	4 way
Colour	Grey	27006.6	27008.6	27010.6
Plates	End Plate	27103.6	27104.6	27105.6
Push-in Jumpers	2 pole Insulated	27132.9	27132.9	27132.9
	10 pole Insulated	27140.9	27140.9	27140.9
	20 pole Insulated	27141.9	27141.9	27141.9
Size	**4mm²**			
Colour	Grey	27012.6	27014.6	27016.6
Plates	End Plate	27106.6	27107.6	27108.6
Push-in Jumpers	2 pole Insulated	27142.9	27142.9	27142.9
	10 pole Insulated	27150.9	27150.9	27150.9
	20 pole Insulated	27151.9	27151.9	27151.9
Size	**6mm²**			
Colour	Grey	27018.6	27020.6	27022.6
Plates	End Plate	27109.6	27110.6	27111.6
Push-in Jumpers	2 pole Insulated	27152.9	27152.9	27152.9
	10 pole Insulated	27160.9	27160.9	27160.9
	20 pole Insulated	27161.9	27161.9	27161.9

Size	2.5mm²	27007.2	27009.2	27011.2
	4mm²	27013.2	27015.2	27017.2
	6mm²	27019.2	27021.2	27023.2
End Plate	See grey feed through terminal section - end plates only available in grey			

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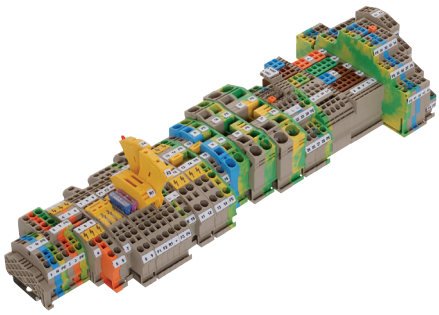
Conta-Clip Din Mount Terminals

Spring Clamp feed through terminals

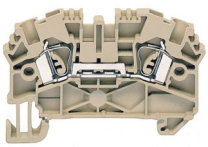
Tension Spring Connection

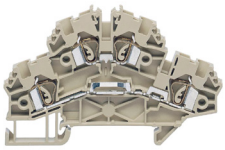
CONTA-CLIP, offers an innovative product line, featuring the proven tension-spring connection system, for the smallest cross-sections, ranging from 0.2mm² to 16mm². This includes feed through, and protective earth terminal, disconnect terminals, fused terminals, actuator terminals, sensor terminals, motor connection terminals, and direct mounting terminals.

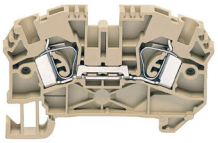


The tension-spring top mechanism, provides safe and quick connections, for solid and stranded wires, with or without wire-end ferrules. The protective-earth terminals, feature a PE foot contact, that is snapped on, ensuring mechanical and electrical safety. The PE foot contact is on both sides of the PE terminals, and can be snapped on to the DIN rail, with no screws.

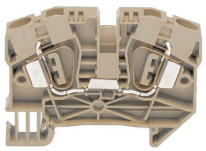
Our well-designed line of accessories, allows you to significantly reduce your installation and storage costs. You can multiply voltage potentials, with the ZQI pluggable potential distribution systems - both horizontally, and vertically across tiers. All of the insulating materials, used in this product line are free of pollutants. They also comply with flammability class V0, (self- extinguishing), according to UL 94.

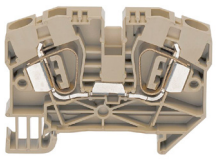


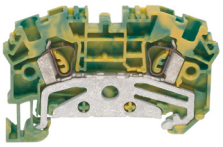




		2.5mm² Single Tier	2.5mm² Double Deck	4mm² Single Tier
Ratings	Rated Voltage (IEC)	800V	500V	800V
	Rated Current	24A	24A	32A
Conductor size	Solid/Stranded	0.5-4mm²	0.5-4mm²	0.5-6mm²
	Flexible with ferrules	0.5-2.5mm²	0.5-2.5mm²	0.5-4mm²
Colour	Beige	3500.2	3562.2	3515.2
	Blue			3515.5
Plates	End Plate	3700.2	3756.2	3703.2
Jumpers	2 pole Insulated	3710.8	3710.8	3720.8
	10 pole Insulated	3718.8	3718.8	3728.8
	Vertical (tiers)		3744.2	







		6mm² Single Tier	10mm² Single Tier	4mm² Earth
Ratings	Rated Voltage (IEC)	1000V	1000V	
	Rated Current	41A	57A	
Conductor size	Solid/Stranded	0.5-10mm²	0.2-16mm²	0.5-6mm²
	Flexible with ferrules	0.5-6mm²	0.2-10mm²	0.5-4mm²
Colour	Beige	3581.2	3597.2	3525.2
Plates	End Plate	3760.2	3788.2	3703.1
Jumpers	2 pole Insulated	3763.8	3789.8	
	10 pole Insulated	3771.8		

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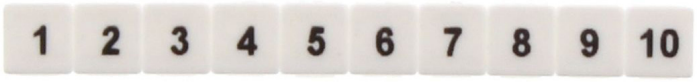
Conta-Clip Din Mount Terminals

2.5mm² Terminal Markers

5mm wide

The SB 5 quick marking system, is suitable for labelling all Conta-Clip terminals, that are wider than 5 mm (2.5mm²).



Supplied as 50 x strips of 10 markers - 500 markers per pack

Part Number	Marker
2431.0001	1-10
2431.0002	11-20
2431.0003	21-30

Part Number	Marker
2431.0004	31-40
2431.0005	41-50
2431.0006	51-60

Part Number	Marker
2431.0007	61-70
2431.0008	71-80
2431.0009	81-90

Part Number	Marker
2431.0010	99-100
2430.0000	Blank
2471.0004	L1,L2,L3,N PE*



Part Number	Marker
2432.0001	1
2432.0002	2

Part Number	Marker
2432.0003	3
2432.0004	4

Part Number	Marker
2432.0005	5
2432.0006	6

Part Number	Marker
2432.0007	7
2432.0008	8
2432.0009	9

4mm² Terminal Markers

6mm wide

The SB 6 quick marking system, is suitable for labelling all Conta-Clip terminals, that are wider than 6 mm (4mm²).



Supplied as 50 x strips of 10 markers - 500 markers per pack

Part Number	Marker
2036.0001	1-10
2036.0002	11-20
2036.0003	21-30

Part Number	Marker
2036.0004	31-40
2036.0005	41-50
2036.0006	51-60

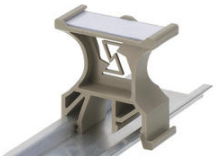
Part Number	Marker
2036.0007	61-70
2036.0008	71-80
2036.0009	81-90

Part Number	Marker
2036.0010	99-100
2035.0000	Blank
2040.0004	L1,L2,L3,N PE*

End Stops







Description	Plastic screw-on end bracket	Metal foot screw-on end bracket	GT1 Group Label Holder
Part Number	2005.2	2828.0	3783.2

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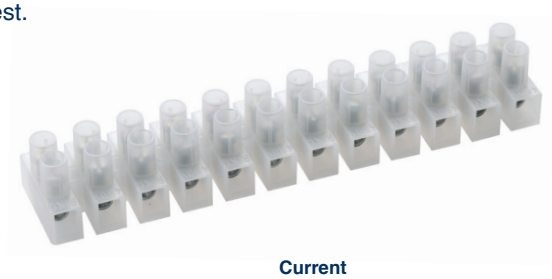
Terminals

Terminal Strips

With wire protection, 450V, 100°C

The EKB variants cover a rated cross-section range from 1.5 to 10mm². They are available from 1 to 12 poles. An attachment hole is located between each of the poles which guarantees proper mechanical alignment during installation. The terminal housing is made from high-quality polyamide (PA 6.6 UL 94-V2).

Other sizes available upon request.



Part Number	Description	Current
1817.0	1.5mm² 12 pole terminal strip with wire protection	17.5 Amp
1829.0	2.5mm² 12 pole terminal strip with wire protection	24 Amp
1841.0	4.0mm² 12 pole terminal strip with wire protection	32 Amp

Porcelain Terminal Block

450V, -40°C to +425°C

High-temperature environments such as furnaces, ovens, halogen lighting, and heaters. Complies with AS/NZS 3000 (Australian/New Zealand Wiring Rules)

Dimensions (H x W x D):
31mm x 39 mm x 22 mm



Part Number	Description	Current
B3025	2 x 2.5-10mm²	30 Amp

Bi-metal feed through terminals

Screw Connection

The KExx terminal is a universal terminal for Al/Cu conductors. It features a bimetallic construction, combining copper and aluminum to ensure seamless electrical conductivity and reduce the risk of galvanic corrosion when connecting dissimilar metals. Its robust construction ensures long-term reliability, minimizing maintenance and replacement needs.



Conductor size		16mm²	35mm²	50mm²	95mm²	150mm²	240mm²
Conductor size	Cu	1.5-16mm²	2.5-35mm²	2.5-50mm²	16-95mm²	35-150mm²	35-240mm²
	Al			6-50mm²			
Rated Current	Cu	85A	135A	160A	245A	320A	425A
	Al		120A	145A	220A	290A	380A
Rated Voltage		690V AC/DC	1000V AC/DC	750V AC/DC			
Dimensions		42x40x13.5	46x40x16	49x43x17.8	60x49x24	72x59x29.5	97x67x37.5
Part Number		KE60.1	KE50.1	KE61.1	KE62.1	KE63.1	KE64.1

Din Rail and Tooling







Suits TS35x7.5mm rail	Duct Cutter (45/90°)	DIN Rail - TS35 x 7.5 Steel 2m
LKDC-002	LKWC-001	0801733

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Phoenix Contact Din Mount Terminals

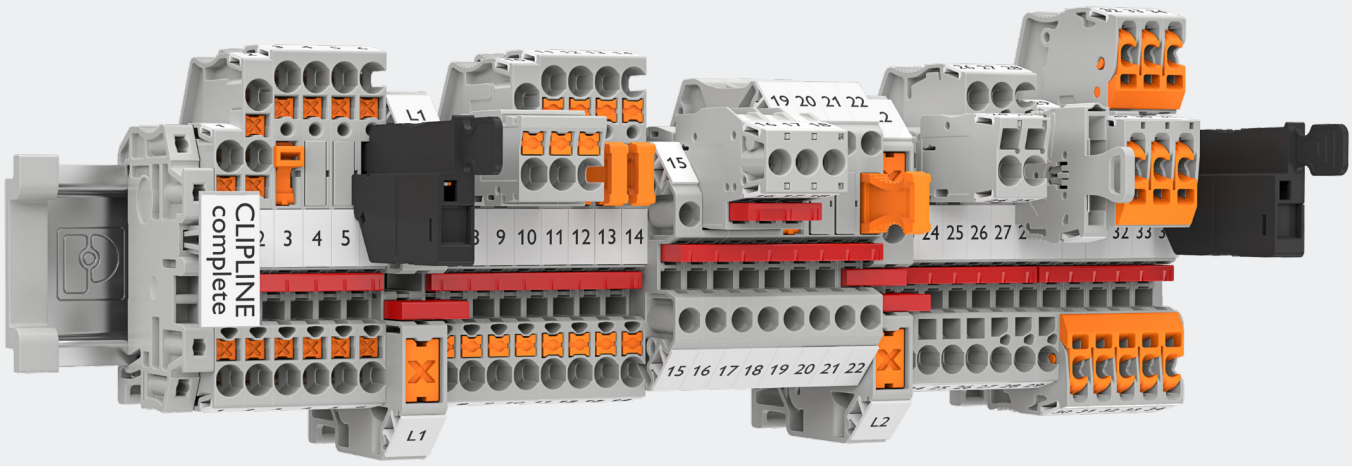
Phoenix Contact terminal blocks

Whichever terminal block versions you choose, you can rest assured that Phoenix Contact terminal blocks deliver reliable connections and high quality. To ensure that we are always able to fulfill this promise, quality comes first for us. This is why quality is not just tested on the finished product, but is ensured responsibly during every step of the manufacturing process.

With **CLIPLINE** complete, the unique terminal block system from Phoenix Contact, you can freely select the connection technology. No matter which connection technology you choose, they can all be freely combined, with the same accessories with the double function shaft.

Various cross-section versions can also be easily combined by using reducing bridges. In addition to the flexibility of the terminal block system, **CLIPLINE** complete also provides added value. The bridge, marking, and test accessories are standardized, thus reducing your logistics and storage costs.

The terminal block system has been tested and approved for a wide range of national and international approvals. A particularly high safety standard is achieved through routine testing of the standard **CLIPLINE** complete terminal blocks in accordance with the ATEX directive. These terminal blocks can be used in the Exe area.



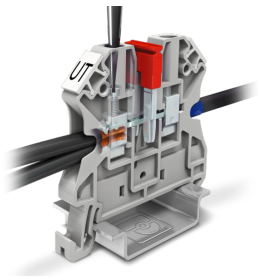
UT Terminal Blocks

The screw connection terminal blocks were designed to meet stringent requirements. For more than 90 years, they have proven themselves a billion times over in all manner of applications.

An important characteristic is the maintenance-free conductor connection. There is no need to tighten the terminal screws. The screws are prevented from loosening by the Reakdyn principle, a screw locking mechanism developed and patented by Phoenix Contact.

Conductors for Phoenix Contact screw connection terminal blocks can be clamped without pretreatment. Splicing protection can also be implemented in the form of ferrules. A special characteristic of the screw clamping body is the multiconductor connection, which is also often required.

Large conductor cross-sections up to 240 mm² can also be wired gas-tight and with long-term stability thanks to the high contact forces.



UT 2,5 terminal block

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Phoenix Contact Din Mount Terminals

PT and PTV Terminal Blocks

The PT and PTV Push-in connection terminal blocks were developed for direct conductor connection. This means that rigid conductors or conductors with ferrules are inserted directly into the terminal block without using any tools.

The special spring profile enables the easy insertion of conductors with ferrules starting from 0.34 mm² and rigid conductors up to 16 mm². Larger cross-sections between 35 and 185 mm² can be wired with the PowerTurn spring cage connection.

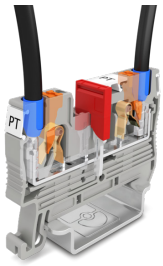
With the PT and PTV Push-in connection, the contact spring is opened automatically when the conductor is inserted. This provides the required pressure force against the current bar. The spring is opened by an actuating push button, either to release conductors or to connect flexible conductors without a ferrule, starting from 0.14 mm². This is done easily and without direct contact with live parts. The button can be operated with all standard screwdrivers.

The PT connection technology has been tested and approved for a wide range of approvals. These include, for example, vibration resistance in accordance with railway standard EN 50155 as well as shock and corrosion resistance in accordance with current shipbuilding registers.

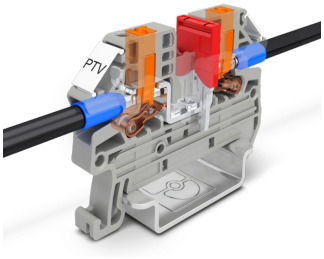
The connection technology is also certified for process engineering in areas with increased safety (Exe).



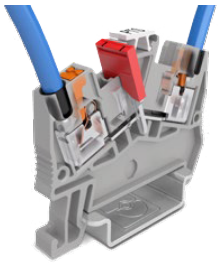
Clamping part of a Push-in terminal block



PT design



PTV design



PTS design

Marking Accessories

The CLIPLINE complete system includes various marking options, including large-surface marking. This is essential for clear wiring and commissioning. Marking simplifies wire and terminal assignment when carrying out testing and maintenance activities, and makes the control cabinet safer for installation personnel.

Group and terminal strip marking

Optional snap-on, large-surface marker carriers are available for group and terminal strip marking. In conjunction with the corresponding marking accessories, they support quick and easy identification of the individual modules.

Terminal marking

In addition to terminal strip marking, the system also includes numerous marking materials for the individual terminals and terminal points.

Warning labels

In addition to marking terminal points, the portfolio also includes warning labels. Warning labels can be used to identify circuits that carry current despite the actuation of the main circuit breaker, for example.

Wire marking

In addition to marking material for terminal strips, the marking system features numerous types of wire markings. This further simplifies the assignment of wires and terminal points.

Printing systems

Do you want to mark your marking material yourself? No problem. Along with the option of ordering custom-marked marking materials, Phoenix Contact also offers various printing systems.

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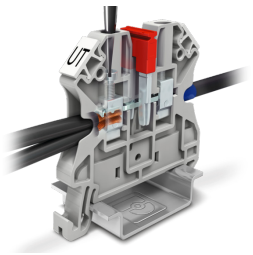
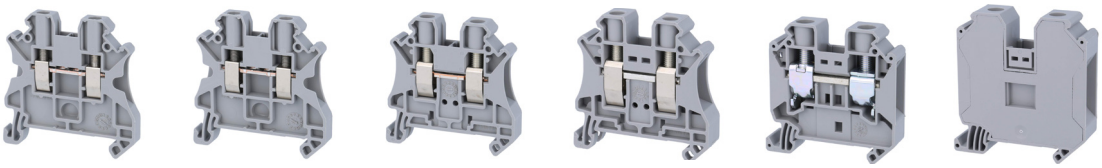
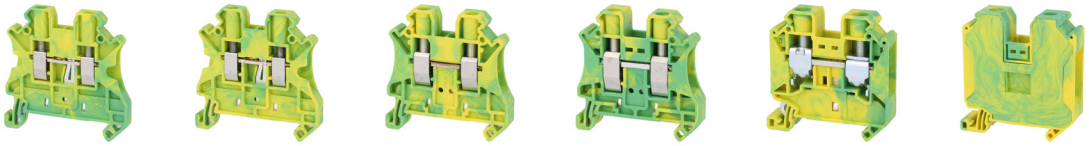
Phoenix Contact Din Mount Terminals

UT Series Screw terminals

Screw Termination Connection

Universal in every application. This characterizes the UT screw connection terminal blocks from the CLIPLINE complete system. They meet the highest requirements, impress with their maintenance-free conductor connection, and offer maximum flexibility with their multi-conductor connection. You can connect conductors with a nominal cross section either with or without ferrules. It is not necessary to tighten the terminal block screws, since they are prevented from loosening by the Reakdyn principle, a screw locking technique developed by Phoenix Contact.



Conductor Size		2.5mm²	4mm²	6mm²	10mm²	16mm²	35mm²
Ratings	Rated Voltage	1000V	1000V	1000V	1000V	1000V	1000V
	Rated Current	24A	32A	41A	57A	76A	125A
Stranded / Flexible w/o- ferrule		0.14 mm² ... 4 mm²	0.14 mm² ... 6 mm²	0.2 mm² ... 10 mm²	0.5 mm² ... 16 mm²	1.5 mm² ... 25 mm²	1.5 mm² ... 50 mm²
Flexible with ferrule		0.14 mm² ... 2.5 mm²	0.14 mm² ... 4 mm²	0.25 mm² ... 6 mm²	0.5 mm² ... 10 mm²	1 mm² ... 16 mm²	1.5 mm² ... 35 mm²
UT SINGLE 2 connections							
	Grey	3044076	3044102	3044131	3044160	3044199	3044225
	Blue	3044089	3044115	3044144	3044188	3044209	3044238
	Red	3045062	3045127	3045185	3046034	3044207	3044227
	Black	3045088	3045143	3045208	3046302	3044197	3044226
	White	3045075	3045130	3045198			
							
	Earth	3044092	3044128	3044157	3044173	3044212	3044241
	Grey End Plate	3047028				3047206	NA
	Grey Partition Plate	3047167				0706647	0706647

Conductor Size		2.5mm²	4mm²		2.5mm²	4mm²
UT TWIN 3 connections				PT QUATTRO 4 connections		
	Grey	3044513	3044364		3044542	3044571
						
	Earth	3044539	3044380		3044568	3044597
	Grey End Plate	3047141			3047170	
	Grey Partition Plate	3047183			3047196	

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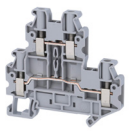
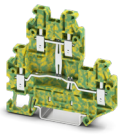
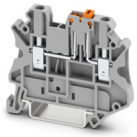
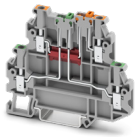
Phoenix Contact Din Mount Terminals

UT Series Screw terminals

Screw Termination Connection

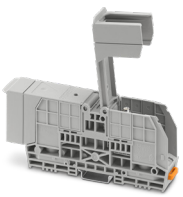
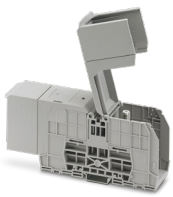
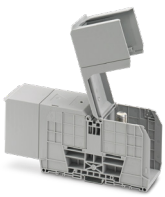
Conductor Size		2.5mm²	4mm²		2.5mm²
DOUBLE TIER 2 x 2 connections				TRIPLE TIER 3 x 2 connections	
	Grey	3044636	3044814		3214259
					
	Earth	3044665	3044759		3214275
	Grey End Plate	3047293			3214314
	Grey Partition Plate	3047316			3003046

Conductor Size		2.5mm²	2.5mm²	4mm²		2.5mm²	4mm²
DISCONNECT TERMINAL					FUSE TERMINAL 5 x 20mm (M205)		
	Grey	3046362	3044679	3044775		3046032	3214325
	Grey End Plate	3047028	3044676	3047293		NA	NA

RBO Series Bolt terminals

Bolt Connection

The RBO product family offers a compact bolt connection terminal block for every conductor connection from 0.5 to 300 mm². The terminal blocks have threaded bars with M5 to M16 metric thread sizes. The bolt terminal blocks also accommodate currents up to 520 A. Like the RSC terminal blocks, this series of terminal blocks also includes versions for DIN rail and direct mounting. Here too, preassembled blocks round out the product range. For easy potential distribution, the RBO family includes connection rails (RBO…VS) that are attached to the threaded bolts.

Conductor Size	70mm²	150mm²	240mm²	300mm²
				
Stud Size (mm)	8	10	12	16
Current (A)	192	309	415	520
Grey	3247973	3247976	3247986	3247989
Blue	3247974	3247977	3247987	3247990
Yellow/Black	3247975	3247978	3247988	3247991
2 pole Jumper	3213179	3244643	3244669	3244685
3 pole Jumper	3213182	3244656	3244672	3244698

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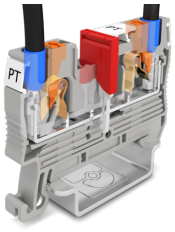
Phoenix Contact Din Mount Terminals

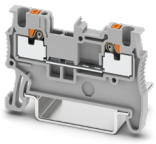
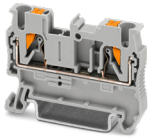
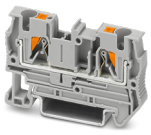
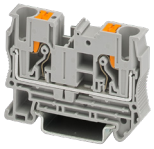
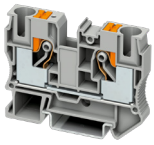
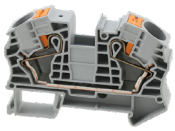
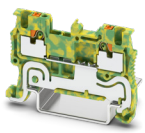
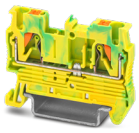
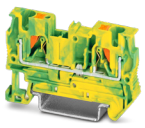
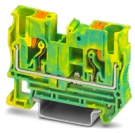
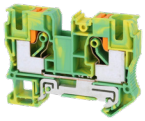
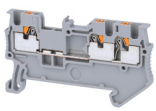
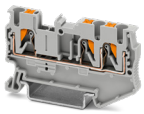
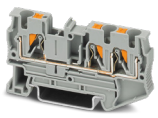
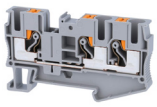
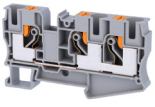
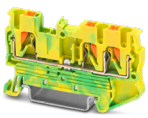
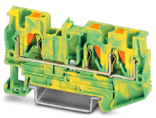
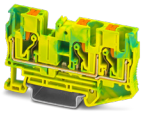
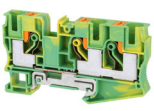
PT Series Push-in terminals

Push-In Connection

The PT Series push-in connection terminal blocks have been developed for direct conductor connection. This means that solid conductors or conductors with ferrules can be inserted directly into the terminal block without tools.



The special spring profile enables the easy insertion of conductors with ferrules from 0.25 mm². The contact spring is opened automatically when the conductor is pushed in and thereby provides the required pressure force against the current bar. Both for releasing conductors and connecting small cross sections from 0.14 mm², the spring is opened by means of the actuation lever - easily and without direct contact with live parts.

Conductor Size		1.5mm²	2.5mm²	4mm²	6mm²	10mm²	16mm²
Ratings	Rated Voltage	500V	550V	550V	1000V	1000V	1000V
	Rated Current	17.5A	19A	26A	41A	57A	76A
Stranded / Flex non insul. ferrule		0.14 mm² ... 1.5 mm²	0.14 mm² ... 2.5 mm²	0.25 mm² ... 4 mm²	0.5 mm² ... 6 mm²	0.5 mm² ... 10 mm²	0.5 mm² ... 16 mm²
Flexible with insulated ferrule		1 mm²					
PT SINGLE 2 connections							
	Grey	3208100	3209510	3211757	3211813	3212120	3212138
	Blue		3209523	3211760	3211819	3212123	3212142
	Red		3209512	3211777	3211815		3212146
	Black		3212330	3211776	3211814		3212145
	White		3209514	3211778			
	Yellow		3209511				
							
	Earth	3208139	3209536	3211766	3211822	3212131	3212147
	Grey End Plate	3208142	3030417	3030420	3212044	3212057	3212060
	Grey Partition Plate		3030721		3024481		
PT TWIN 3 connections							
	Grey	3208155	3209549	3211771	3211929	3208746	3208760
							
	Earth	3208171	3209565	3211780	3211498	3208745	3208786
	Grey End Plate	3208184	3030488	3208977	3211508	3208748	3208749
	Grey Partition Plate		3030789				

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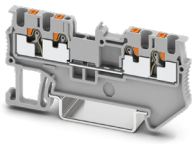
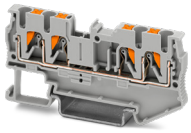
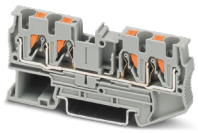
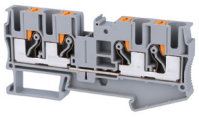
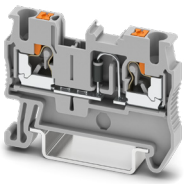
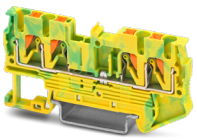
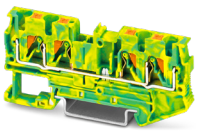
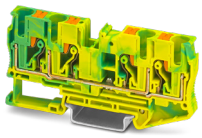
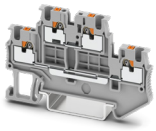
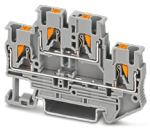
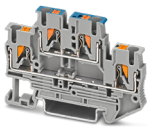
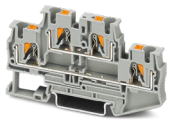
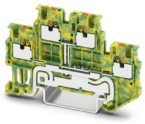
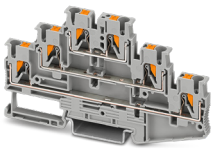
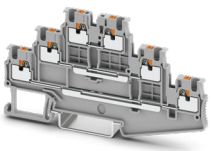
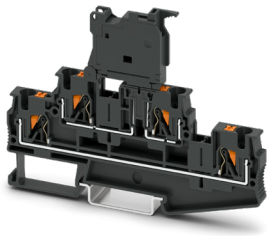
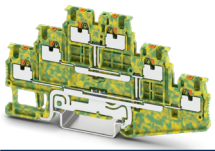
Phoenix Contact Din Mount Terminals

PT Series Push-in terminals

Push-In Connection

Conductor Size		1.5mm²	2.5mm²	4mm²	6mm²		2.5mm²
PT QUATTRO 4 connections						DIODE TERMINAL - IN4007 Diode	
	Grey	3208197	3209578	3211797	3212934		
	Blue		3209581				
	Red		3209580				
	Black		3214424				
							
	Earth	3208333	3209594	3211809	3212950		3210224
	End Plate	3208375	3030514	3208979	3212963		3030417
	Partition Plate		3030815				3030721

Conductor Size		1.5mm²	2.5mm²			4mm²
DOUBLE TIER 2 x 2 connections						
	Grey	3208511	3210567	3210994	3210583	3211786
	Blue	3208524	3210570			
						
	Earth	3208537	3210596			3211854
	End Plate	3208579	3211634			3030462
	Partition Plate	3030747				

Conductor Size		1.5mm²	2.5mm²		4mm²		
TRIPLE TIER 3 x 2 connections				FUSE TERMINAL 5 x 20mm (M205)			
	Grey	3213713	3210499				
	Blue	3213726	3210509				
							
	Earth	3213739	3210525		Black	3211861	3211886
	End Plate	3113771	3211647		End Plate	303042	3211918

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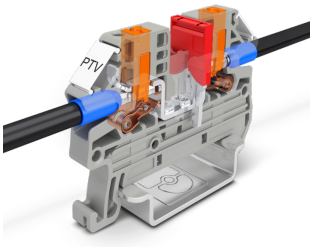
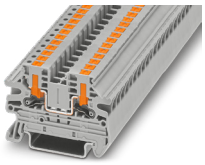
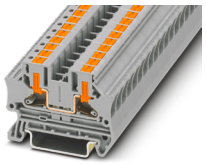
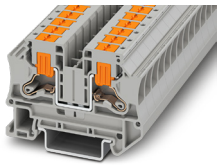
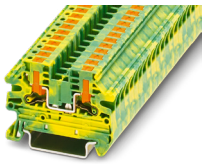
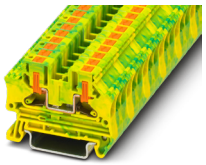
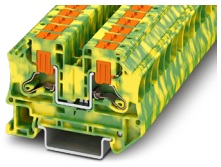
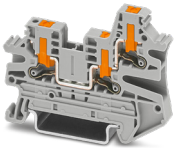
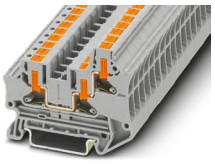
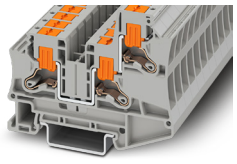
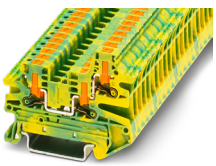
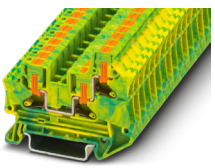
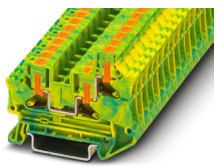
Phoenix Contact Din Mount Terminals

PTV Series Push-in terminals

Push-In Lateral Connection

The PTV terminal blocks from Phoenix Contact have a lateral Push-in connection. The connection combines the lateral conductor routing of a screw connection with the tool-free direct connection technology of a Push-in connection. The terminal blocks therefore combine the advantages of both connection technologies. This ensures clear and fast wiring without bending radii.



Conductor Size		2.5mm²	4mm²	6mm²
Ratings	Rated Voltage	800V	1000V	1000V
	Rated Current	24A	32A	41A
Stranded / Flex non insul. ferrule		0.14 mm² ... 2.5 mm²	0.25 mm² ... 4 mm²	0.5 mm² ... 6 mm²
Flexible with insulated ferrule				
PTV SINGLE 2 connections				
	Grey	1078960	1088728	1116734
	Blue	1078962	1088729	1116735
				
	Earth	1078963	1088730	1116736
	Grey End Plate	1088746		1180894
	Grey Partition Plate	3030721		
PTV TWIN 3 connections				
	Grey	1078966	1088731	1116737
				
	Earth	1078991	1088733	1116739
	Grey End Plate	1088747		1180923
	Grey Partition Plate	3030789		

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Phoenix Contact Din Mount Terminals

Accessories to suit the CLIPLINE complete system

Terminal block accessories play an essential role in the wiring of control cabinets and switching devices. Using the uniform range of accessories, terminal strips can be individually configured, tested, and adapted. Since the terminal blocks of the CLIPLINE complete system use standardized accessories, the accessories can be integrated across different terminal blocks.

Din Rail

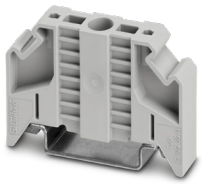
Steel, galvanized

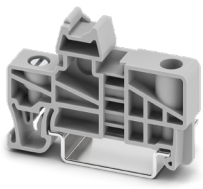




Type	NS 15 Din Rail	NS 35/ 7.5 Din Rail	NS 35/15 Din Rail
Part Number	1401682	0801733	0843112

End Stops

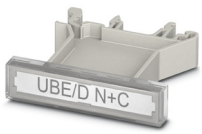



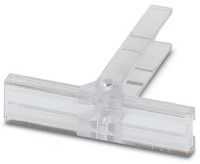
Type	CLIPFIX 15 End bracket	E/NS 35 N End bracket	CLIPFIX 35 End bracket	CLIPFIX 35-5 End bracket	NS 35 E/UK End bracket
Part Number	3022263	0800886	3022218	3022276	1201442

Markers Carriers





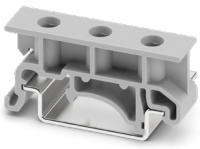


Type	UBE/D Marker Carrier	UBE/D N+C Marker Carrier	UBE Marker Carrier	KLM 3-L Marker Carrier	KLM-A Marker Carrier
Part Number	800307	803122	800310	814788	1004348
Mounts on	NS 35 Din Rail	NS 35 Din Rail	1201442 End Bracket	CLIPFIX xx End Brackets	E/UK, E/NS35N & CLIPFIX 35
Marking Field	40 x 17mm	40 x 7mm	40 x 17mm	20 x 8 mm	44 x 7mm

Din Rail Adaptor

Type	USA 10/4,6 Rail adapter
Part Number	1202713
Mounts on	NS 35 Din Rail



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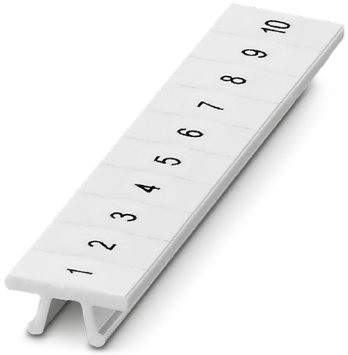
Phoenix Contact Din Mount Terminals

Terminal Marking

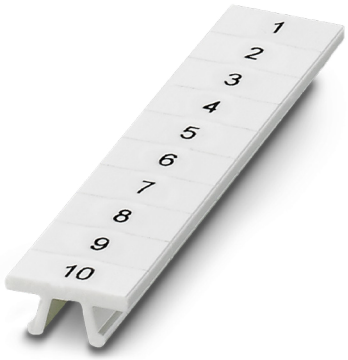
Suits all CLIPLINE products

The CLIPLINE complete system includes various marking options, including large-surface marking. This is essential for clear wiring and commissioning. Marking simplifies wire and terminal assignment when carrying out testing and maintenance activities, and makes the control cabinet safer for installation personnel.

Horizontal	1.5mm²	2.5mm²	4mm²	6mm²	10mm²
Pitch (mm)	3.5	5.2	6.2	8.2	10.2
1-10	0801404:0001	1050017:0001	1051016:0001	1052015:0001	1053014:0001
11-20	0801404:0011	1050017:0011	1051016:0011	1052015:0011	1053014:0011
21-30	0801404:0021	1050017:0021	1051016:0021	1052015:0021	1053014:0021
31-40	0801404:0031	1050017:0031	1051016:0031	1052015:0031	1053014:0031
41-50	0801404:0041	1050017:0041	1051016:0041	1052015:0041	1053014:0041
51-60	0801404:0051	1050017:0051	1051016:0051	1052015:0051	1053014:0051
61-70	0801404:0061	1050017:0061	1051016:0061	1052015:0061	1053014:0061
71-80	0801404:0071	1050017:0071	1051016:0071	1052015:0071	1053014:0071
81-90	0801404:0081	1050017:0081	1051016:0081	1052015:0081	1053014:0081
91-100	0801404:0091	1050017:0091	1051016:0091	1052015:0091	1053014:0091



Vertical	1.5mm²	2.5mm²	4mm²	6mm²	10mm²
Pitch (mm)	3.5	5.2	6.2	8.2	10.2
1-10	0801404:0001	1050017:0001	1051016:0001	1052015:0001	1053014:0001
11-20	0801404:0011	1050017:0011	1051016:0011	1052015:0011	1053014:0011
21-30	0801404:0021	1050017:0021	1051016:0021	1052015:0021	1053014:0021
31-40	0801404:0031	1050017:0031	1051016:0031	1052015:0031	1053014:0031
41-50	0801404:0041	1050017:0041	1051016:0041	1052015:0041	1053014:0041
51-60	0801404:0051	1050017:0051	1051016:0051	1052015:0051	1053014:0051
61-70	0801404:0061	1050017:0061	1051016:0061	1052015:0061	1053014:0061
71-80	0801404:0071	1050017:0071	1051016:0071	1052015:0071	1053014:0071
81-90	0801404:0081	1050017:0081	1051016:0081	1052015:0081	1053014:0081
91-100	0801404:0091	1050017:0091	1051016:0091	1052015:0091	1053014:0091



The UCT-TM... UniCard labeling range includes markers for Phoenix Contact products with tall marker grooves, e.g. terminals. The markers, which are supplied in uniform sheets, can be marked quickly, easily, and precisely using the card printers. The sheets provide additional space for project information and function text that can be helpful during further assembly. The multi-section marking strips are easy to fit and can be easily separated if required.

Suitable Printers: Thermomark Card 2.0, Thermomark Prime 2.0, Bluemark ID, Bluemark ID Colour, Topmark Neo.



Terminal Size	1.5mm²	2.5mm²	4mm²	6mm²	10mm²
Pitch (mm)	3.5	5.2	6.2	8.2	10.2
Blank	0829484	0828734	0828736	0828740	0829142

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Phoenix Contact Din Mount Terminals

Flexible plug-in bridge system

Suits all CLIPLINE products

One plug-in bridge for all connection technologies. To enable fast and individual potential distribution, the terminal blocks in the CLIPLINE complete system have two function shafts. They are arranged in a line across all the terminal blocks, allowing the connection technologies to be combined.

Standardized plug-in bridges

The 2- to 50-pos. plug-in bridges allow you to save time when carrying out any potential bridging tasks. The pincer design means that the plug-in bridges fit securely in the function shaft and can only be released with the aid of a screwdriver. If you need to shorten the plug-in bridge, just use a standard diagonal cutter. To ensure that maximum safety is still maintained in terms of touch protection, plug-in bridges -5 and -6 have special caps (FBSC) for closing the open bridge side.

For bridging between non-adjacent terminal blocks, the individual contacts can also be removed using a diagonal cutter. We recommend using our CUTFOX-FBS cutting tool for this, which was specifically designed for this application. A marking segment has been incorporated on the top of the bridge to indicate that contacts have been skipped. You can simply mark the contact points accordingly with a pen.

Short-circuit plug

In addition to standard plug-in bridges, the bridging system includes short-circuit plugs with an extraction tool (FBSRH). The extraction tool allows you to easily remove the plug without using an additional tool. These bridges are particularly useful for testing applications where the plug-in bridge is not plugged in for permanent use.

Reducing bridges

Reducing bridges enable you to connect various terminal blocks in different cross-sections. For example, you can connect terminal blocks with a 6 mm² cross-section to 2.5 mm² terminal blocks. This provides a clever way to integrate feed-in into your control cabinet.

Bridge bar

Plug-in bridge with protective cap Bridge accessories of the CLIPLINE complete system Protective cap Bridge bars The plug-in bridge bars are of particular interest for transformer circuits. The bridge bars can be quickly and easily connected and disconnected, without having to remove the bridge. The bridges create a quick, removable connection between adjacent terminal blocks.



Size	Pitch	Colour	2	3	4	5	10	20	50	Cap	Vertical
2.5mm²	5.2mm	Red	3030161	3030174	3030187	3030190	3030213	3030226	3038930	3012325	3032185
		Blue	3036877	3036880	3036893	3036903	3036916	3036929	3032114		
4mm²	6.2mm	Red	3030336	3030242	3030255	3030349	3030271	3030365	3032224		
6mm²	8.2mm	Red	3030284	3030297	3030307	3030310	3030323				
10mm²	10.2mm	Red	3005947			3005948					
16mm²	12mm	Red	3005950								
35mm²	16mm	Red	3005963								

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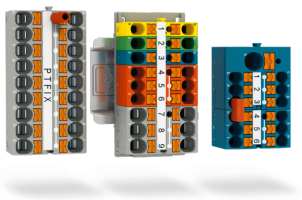
Distribution Terminal Blocks

PT FIX Distribution terminals

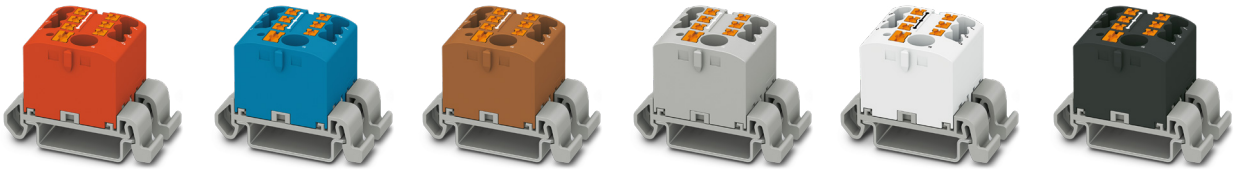
Push-In Connection

Save time and space in control cabinets with Phoenix Contact's PTFIX power distribution blocks.

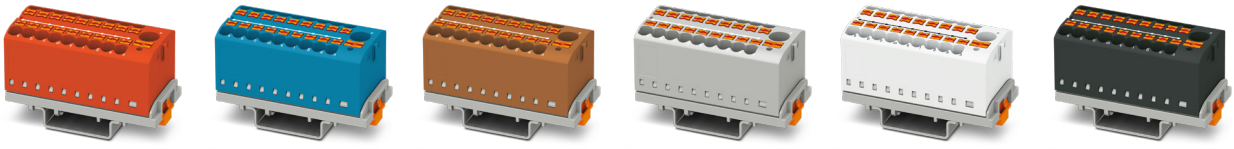
The ready-to-use and maintenance-free FIX blocks with Push-in connection technology enable quick and easy mounting in confined spaces. The blocks have integrated bridging, which means that each block carries a single potential.. In addition, the system is compatible with the standardized accessories of the CLIPLINE complete terminal block system.



690V	Number of Conductors	Rigid	Flexible with ferrule	Nominal current	Maximum Current
Line Input	1	0.5 mm² ... 10 mm²	0.5 mm² ... 6 mm²	41A	57A
Load Output	See below	0.14 mm² ... 4 mm²	0.34 mm² ... 2.5 mm²	24 A	32A



Outputs	Red	Blue	Brown	Grey	White	Black
6 x 2.5 mm²	3273202	3273200	3273208	3273198	3273210	3273212



Outputs	Red	Blue	Brown	Grey	White	Black
18 x 2.5 mm²	3273114	3273112	3273120	3273110	3273122	3273124

PT FIX Distribution terminals

Push-In Connection

800V	Number of Conductors	Rigid	Flexible with non insulated ferrule	Flexible with insulated ferrule	Nominal current	Maximum Current
Load Output	6	0.5 mm² ... 16 mm²	0.5 mm² ... 10 mm²	0.5 mm² ... 6 mm²	57 A	76 A



Inputs / Outputs	Red	Blue	Grey	Black
6 x 10 mm²	1082481	1082480	1082479	1082486

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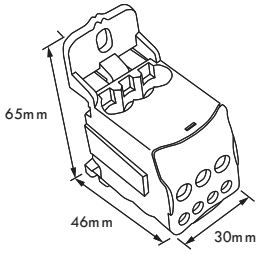
Distribution Terminal Blocks

High Current Distribution blocks

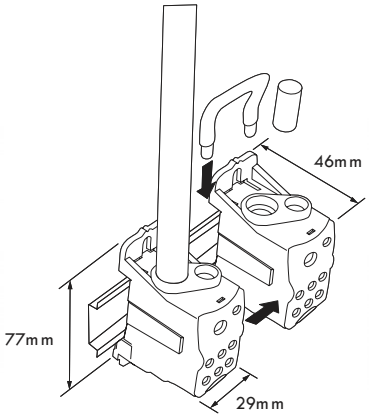
Tinned copper block, IP20 finger protection

A new generation of power distribution blocks, featuring tinned copper, and IP20 finger proof protection. These distribution blocks can be used as stand alone, or jumpered in parallel, to multiply the number of connection points. Busbar lugs, are also available for the larger current rating, distribution blocks.

- Space saving: compact
- Tinned copper block: high conductivity
- IP 20 protection/UL finger-safe: improved safety
- Cable fixing screw diameters >95% fill ratio: excellent electrical contact, safe connections
- Visual inspection of wire: confirmation of connection
- Hinged or removable cover: easy wiring
- Clip-on DIN rail or mount to panel with screws: easy fixing
- IEC 60947-7-1

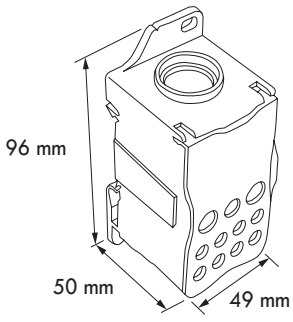


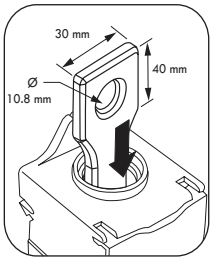






Part Number	LK-80A	LK-160A
Current Rating	80A	160A
kA	22	30
Input (mm^2)	1x 6-16	1x 6-16 + 1x 10-35
Output (mm^2)	4x 2.5-6 + 2x 2.5-16	6x 2.5-16
Dimensions (mm)	65 x 46 x 30	77 x 46 x 29







Part Number	LK-250A	LK-400A
Current Rating	250A	400A
kA	51	51
Input (mm^2)	1x 35-120	1x 95-185
Output (mm^2)	2x 6-35 + 5x 2.5-16 + 4x 2.5-10	2x 6-35 + 5x 2.5-16 + 4x 2.5-10
Busbar Lug P/N	TF-250A	TF-400A
Dimensions (mm)	96 x 50 x 49	96 x 50 x 49

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Active/Neutral Links & Bars

Earth/Neutral Bars

165A - 250A

Only high grade brass is used in the manufacture of our earth and neutral bars.

Brass Size
18.75mm x 9mm - nominal 165A.
25mm x 9.5mm - nominal 250A.

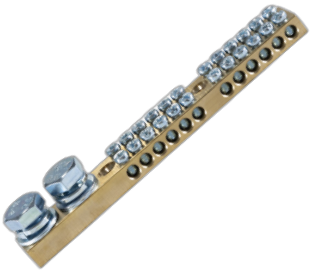
Main Studs
2 x M10 zinc coated steel hex bolts with both spring and flat washer.

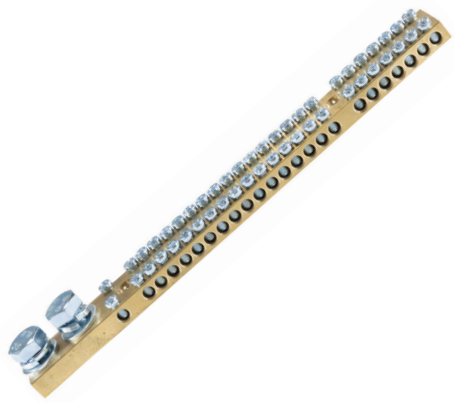
Tunnels
All tunnels to accommodate 16mm² cable.

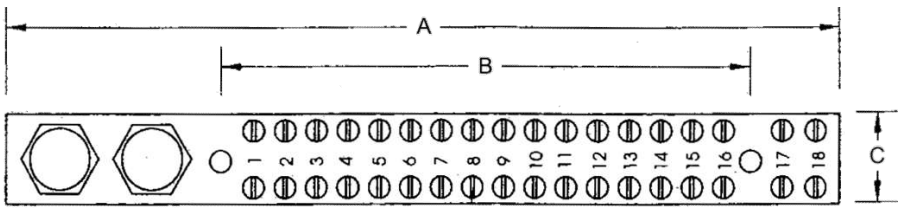
Secondary Screws
All bars are fitted with 2x zinc coated steel screws per tunnel. The ends of the screws are domed so as not to cut or bur the copper cable. The screws are designed to cover 80% + of the tunnel as required in AS3000.

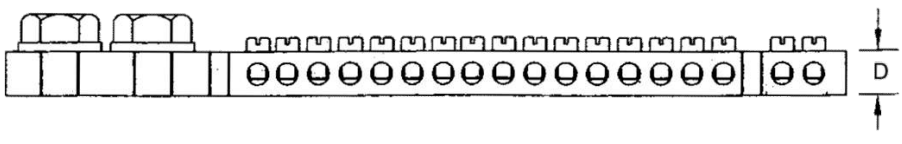
Mounting
All bars are manufactured with a minimum of 2x threaded and countersunk mounting holes.

Tunnels	Part Number		Dimensions (mm)			
	165A	250A	A	B	C	D
6	ENB165.6		103	50	18.75	9
12	ENB165.12		143	120	18.75	9
18	ENB165.18		188	120	18.75	9
24	ENB165.24		230	120	18.75	9
		ENB250.24			25	9.5
30	ENB165.30		272	120	18.75	9
36	ENB165.36		312	120	18.75	9
		ENB250.36			25	9.5
42	ENB165.42		353	120	18.75	9
48	ENB165.48		400	120	18.75	9
		ENB250.48			25	9.5
54	ENB165.54		444	120	18.75	9
60	ENB165.60		483	120	18.75	9
		ENB250.60	493		25	9.5
72	ENB165.72		568	120	18.75	9
		ENB250.72	578		25	9.5
80	ENB165.80		625	120	18.75	9
84	ENB165.84		656	120	18.75	9
		ENB250.84			25	9.5
96	ENB165.96		745	120/120	18.75	9
		ENB250.96			25	9.5
108	ENB165.108		830	120/120	18.75	9













	Red	Black
ENB FEET	ENBFEETRED	ENBFEETBLK

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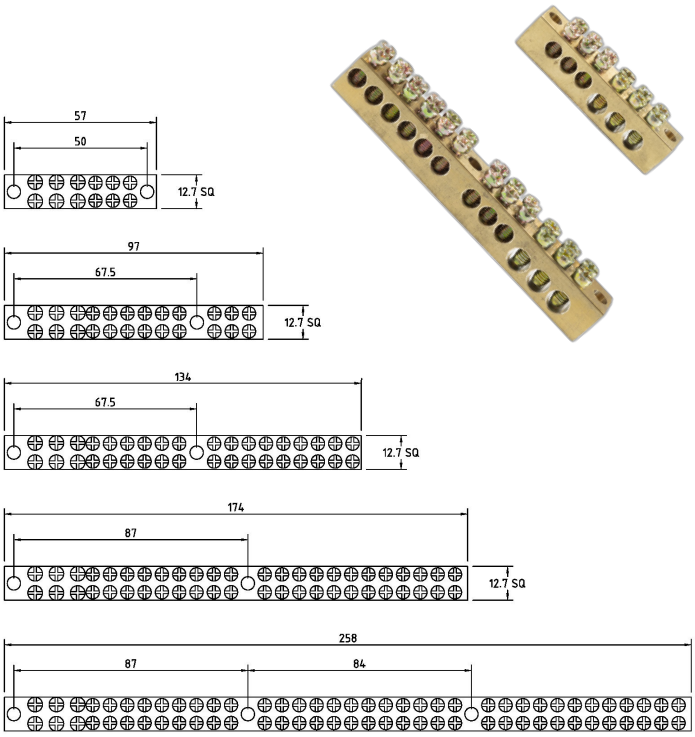
Active/Neutral Links & Bars

Earth/Neutral Bars

90A

- 12.7mm x 12.7mm high grade brass is used in the manufacture of earth bars
- 3 x 6mm diameter tunnels to accommodate 16mm² cable.
- Remaining tunnels 5mm diameter to accommodate 10mm² cable.
- 2 x BA (fine thread) screws per tunnel to give excellent clamping.
- Screws are designed to cover 80% + of the tunnel.
- Screw ends are domed so as not to cut or bur the copper cable.



Tunnels	90 Amp Part Number
6	ENB90.6
12	ENB90.12
18	ENB90.18
24	ENB90.24
36	ENB90.36

Enclosed Active Neutral Links

100A

Tunnels	Terminal Sizes (mm²)		Current (A)	Active (Red)	Neutral (Black)
5	2 x 35	3 x 16	100	100A5R	100A5B
7	2 x 35	5 x 16	100	100A7R	100A7B
9	3 x 16	6 x 10	100	100A9R	100A9B
12	3 x 16	9 x 10	100	100A12R	100A12B
14	4 x 16	10 x 6	100	100A14R	100A14B



Enclosed Active Neutral T Bars

135A

Tunnels	Terminal Sizes (mm²)		Current (A)	Active (Red)	Neutral (Black)
3	1 x 35	3 x 25	135	135A4TB	135A4TR



Enclosed Active Neutral Heavy Duty Bars

165A - 350A

Tunnels	Terminal Sizes (mm²)				Current (A)	Active (Red)	Neutral (Black)
7	2 x 50	1 x 35	2 x 25	2 x 16	165	165R7	165B7
13	2 x 50	9 x 25	2 x 16		165	165R13	165B13
7	2 x 120	2 x 50	2 x 35	1 x 16	350	350R7	350B7
13	2 x 120	1 x 35	8 x 16	2 x 10	350	350R13	350B13



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Busbar Insulators

Busbar Stand Off Insulators

600V Compression Moulded Glass Reinforced Polyester Material

- High Dielectric Strength
- Wear and Corrosion Resistant
- Dimensional Stability
- Arc Quenching and Non Tracking
- Chemical and Oil Resistant
- Moulded In Brass Inserts
- Non Flammable
- High Mechanical Strength
- Metric Thread Sizes

Part Number	Type	Height	Diameter	Thread
BBLV25H	H	25mm	22mm	M6
BBLV30H6	H	30mm	33mm	M6
BBLV30H	H	30mm	33mm	M8
BBLV35D	D	35mm	32mm	M8
BBLV35D10	D	35mm	32mm	M10
BBLV35E	E	35mm	32mm	M8
BBLV40H8	H	40mm	40mm	M8
BBLV40H	H	40mm	40mm	M10
BBLV50H	H	50mm	45mm	M10
BBLV50H12	H	50mm	45mm	M12
BBLV50E	E	51mm	36mm	M8
BBLV50E10	E	51mm	36mm	M10
BBLV60H	H	60mm	50mm	M12
BBLV60L	A	60mm	60mm	M10
BBLV60S	S	60mm	30mm	M10
BBLV75D8	D	75mm	55mm	M8
BBLV75D	D	75mm	55mm	M10
BBLV75D12	D	75mm	55mm	M12
BBLV76E	E	76mm	50mm	M10

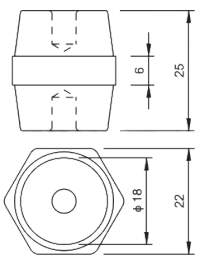


Brackets

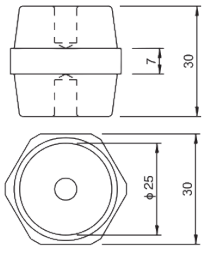




	Stand Off	L Bracket
Part Number	NBB745	ACCP2
Description	50mm (H) M8	Horizontal - Vertical



BBLV25H



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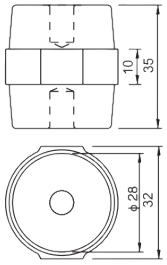

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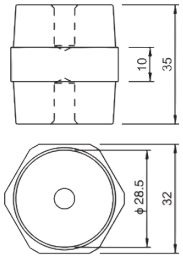

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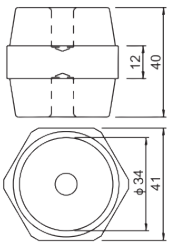

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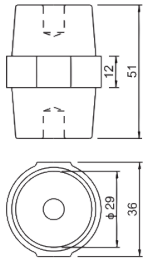

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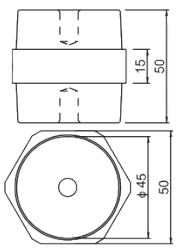

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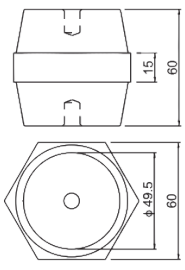

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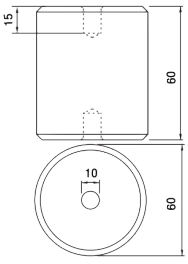

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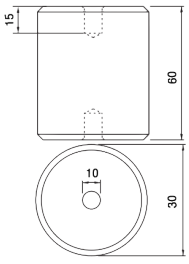

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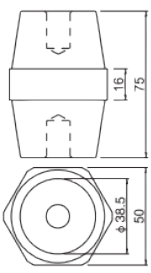

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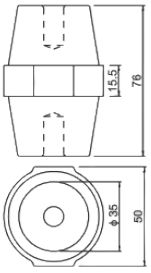

BBLV76E

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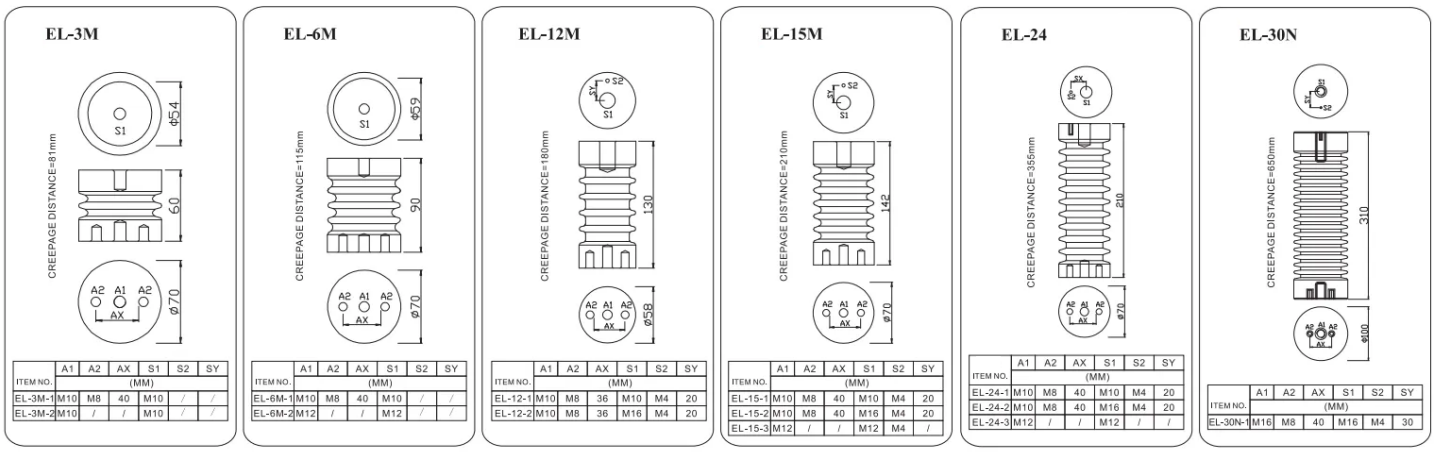
High Voltage Stand Off Insulators

3.3kV - 36kV Compression Moulded Glass Reinforced Polyester Material

- High Dielectric Strength
- Wear and Corrosion Resistant
- Dimensional Stability
- Arc Quenching and Non Tracking
- Chemical and Oil Resistant
- Moulded In Brass Inserts
- Non Flammable
- High Mechanical Strength
- Metric Thread Sizes



Part Number	EL3M	EL6M	EL12	EL15	EL24	EL30N
Rated voltage	3.6kV	7.2kV	12kV	15kV	24kV	36kV
Withstand Voltage Level	60kV	75kV	95kV	110kV	125kV	200kV
Height (H) mm	60	90	130	142	210	310
End diameters (A1 / A2) mm	70	70	58	70	70	100
Surface leakage distance mm	88	125	172	210	356	630
Low frequency dielectric Strength kV	16	22	36	50	60	75
Impulse voltage resistance kV	60	75	95	110	125	200
Persistent bending Strength, 1 min kg	400	400	300	400	300	500
Bending strength kg	>500	>500	>400	>500	>400	>720
Tensile strength kg	>1200	>1200	>2000	>1500	>1500	>3000
Torque strength kg-m	>25	>25	>25	>25	>25	>25
Drawing (below)	EL-3M-1	EL-6M-1	EL-12-2	EL-15-2	EL-24-2	EL-30N-1



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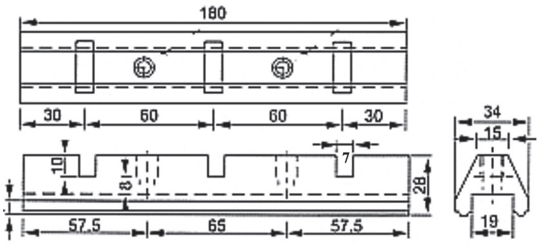
Busbar Insulators

Busbar Cleats
600 Volts Rated

- 600 Volts Rated
- High Mechanical Strength
- Compression Moulded
- Non-Flammable
- Glass Reinforced Polyester Material
- Quality Finish and Appearance
- High Dielectric Strength
- Arc Quenching and Non-Tracking
- Dimensional Stability
- Chemical and Oil Resistant
- Wear and Corrosion Resistant
- Stud Tension 12 Nm

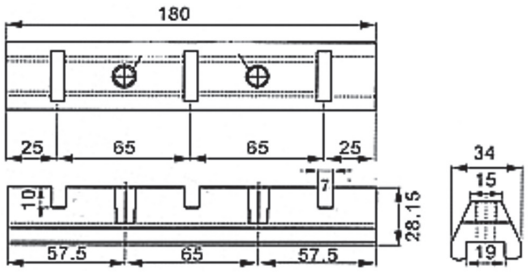
40kA Polyester Busbar Cleats
200mm Centres





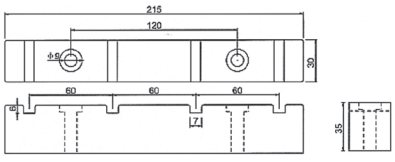
Part Number	Length	Busbar Profile	Busbar Width
EL170/7	180mm	Square	6.3mm
EL170/7R	180mm	Round	6.3mm
EL170/11	180mm	Square	10mm
EL170/11R	180mm	Round	10mm





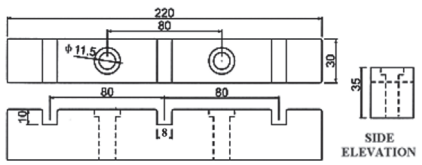
Part Number	Length	Busbar Profile	Busbar Width
EL180/7	180mm	Square	6.3mm
EL180/7R	180mm	Round	6.3mm
EL180/11	180mm	Square	10mm





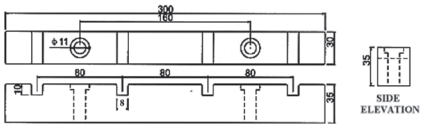
Part Number	Length	Busbar Profile	Busbar Width
EL215	215mm	Square	6.3mm





Part Number	Length	Busbar Profile	Busbar Width
EL220	220mm	Square	6.3mm





Part Number	Length	Busbar Profile	Busbar Width
EL300	300mm	Square	6.3mm

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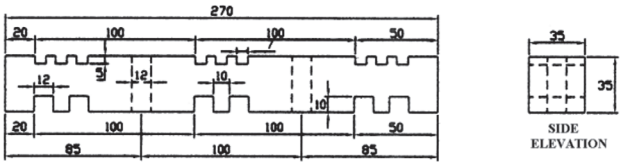
Busbar Insulators

63kA Polyester Busbar Cleats

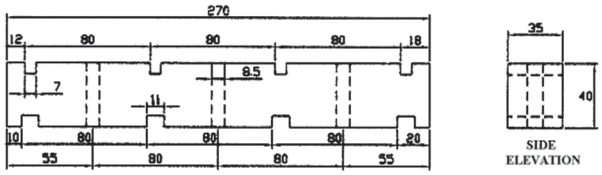
350mm Centres





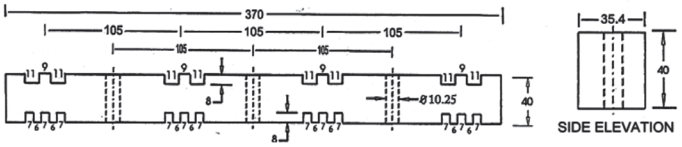
Part Number	Length	Busbar Profile	Slot Width
EL270	270mm	Square	7mm & 12mm
EL270/R	270mm	Round	7mm & 12mm





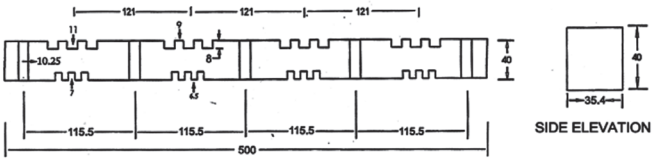
Part Number	Length	Busbar Profile	Slot Width
BBC31PN	270mm	Square	7mm



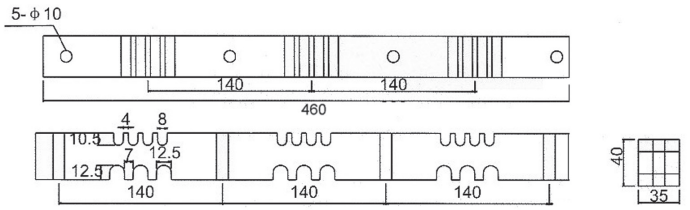


Part Number	Length	Busbar Profile	Slot Width
BBC32PN	370mm	Square	7mm & 11mm

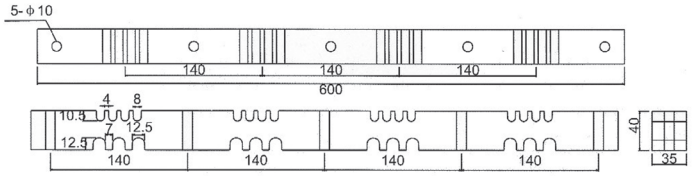




Part Number	Length	Busbar Profile	Slot Width
BBC42PN	500mm	Square	7mm & 11mm



Part Number	Length	Busbar Profile	Slot Width
EL460/R	460mm	Round	8mm & 12.5mm



Part Number	Length	Busbar Profile	Slot Width
EL600/R	600	Round	8mm & 12.5mm

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