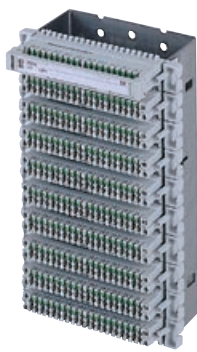


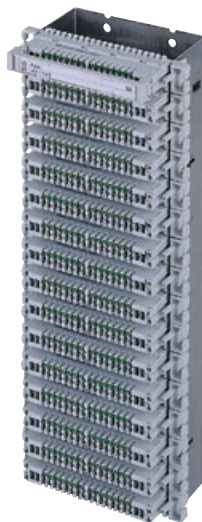
3M

SID™-C

connection and disconnection block 100 / 128 pair



SID-C disconnection block 100 pair



SID-C disconnection block 128 pair

The SID-C connection technology was developed for orderly termination of plastic insulated cables and jumper wires, allowing for individual screened circuits to be terminated. The SID-C termination block makes it possible to terminate up to maximum of 100 / 128 pairs. A significantly increased capacity compared to other techniques is achieved with the compact SID-C cable terminal block.

The 100 / 128 pair blocks are intended to be mounted in standard distribution cabinets. The backmount frames are fastened to the rack by screws.

The SID-C connection/disconnection modules are capable of accepting conductor diameters from 0.4 to 0.8 mm.

The installation of the SID modules is possible in the wall distributor and within cabinets. All the standard accessories can be utilised.

Kit Contents:

- 1 backmount frame
- 10 / 16 SID-C connection/disconnection modules
- 1 label holder
- 1 set plug in numbers 10-100 resp. 8-64
- mounting material

Features

- Compact system with a pitch of 17.5 resp. 22.5 mm
- Conductor diameters from 0.4 – 0.8 mm

Benefits

- Wear-resistant, economical termination tool
- Removal of modules without tool
- Comprehensive accessories and overvoltage protection

Specification

General product features

Contact principle	Resilient contact design with insulation displacement to DIN 41611 part 6.t
Capacity	100 / 128 pair
Type of circuit	Connection/disconnection
Materials	
Housing:	ABS, self extinguishing UL94 V-0
Colour:	Grey, RAL 7035
Back mount:	Stainless steel
Contacts:	Special brass alloy, silver-plated

Connection features

Conductor range (solid copper)	
Wire diameter	0.4 – 0.8 mm (AWG 26-20)
Overall insulation sheath diameter	0.7 – 1.6 mm (PE, cell PE, PVC or PVC and PA)
Number of reterminations	
0.4 – 0.6 mm (AWG 26-22)	> 100
0.8 mm (AWG 20)	> 30 (Rewiring only with conductor $\emptyset \geq 0.6$ mm possible)
Insertion tool	SID comfort tool

Electrical features

Air path	≥ 2.5 mm
Leakage paths	≥ 3 mm
Insulation resistance	$\geq 5 \times 10^4$ M Ω @ 500 V (40 °C, 93% RH., DIN IEC 68, part 2-3)
Dielectric strength	≥ 2000 VAC / 50 Hz / 60 s VDE 0472T.509
Nominal operating current	≤ 5 A (EN 60947-7-1)
With stand test	≥ 4.0 kV @ 1,2 / 50 μ s (IEC 60-1)
Impulse discharge current for connection module	≥ 10 kA @ 8 / 20 μ s (IEC 60-1)
for disconnection module	≥ 5 kA @ 8 / 20 μ s (IEC 60-1)
Contact transfer resistance	≤ 1 m Ω (new condition)
Contact resistance	≤ 10 m Ω
Remote supply voltage PCM11	320 V / DC
Cross talk (EN 50173)	> 70 dB @ 1 MHz > 53 dB @ 10 MHz > 48 dB @ 20 MHz > 34 dB @ 100 MHz
Transmission performance	Cat. 3

Temperature

Operating temperature	-40 °C – +80 °C
Storage temperature	-40 °C – +90 °C

Ordering information

Ref. No.



SID-C disconnection block 100 pair

(Marked 1-10), green printing, pitch 17.5 mm
Dimensions (H x W x D) : 175 x 112 x 68 mm

Use: For mounting on to small and medium capacity distribution frames

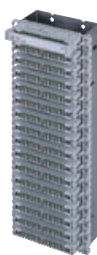
15-100-00700

SID-C Analogue / ISDN connection terminal 100 pair

(Marked 1-10), no printing, pitch 22.5 mm
Dimensions (H x W x D) : 225 x 112 x 68 mm

Use: For mounting on to small and medium capacity distribution frames

10-100-00700



SID-C disconnection block 128 pair

(Marked 1-8), green printing, pitch 17.5 mm
Dimensions (H x W x D) : 280 x 112 x 68 mm

Use: For mounting on to small and medium capacity distribution frames

15-628-00200

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Important Notice

Buyer and/or user of this 3M product has to make sure before using this product that it is suitable for the intended use. All questions of liability relating to this product are subject - in accordance with the prevailing law - to the Terms of Sale of the selling 3M subsidiary. 3M is trademark of the 3M company.



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