

RS 4 sq.mm Standard Feed Through Terminal Blocks & Accessories



4 sq.mm Standard Feed Through Terminal Blocks

4 sq.mm Feed Through Terminal Blocks are the most Versatile terminals for control, Automation, Instrumentation and Power Distribution applications. A specially designed flexible foot enable easy mounting and dismantling from the Din rail with the help of screw driver. These Terminal Blocks have marker holding recesses to accept marking tags for circuit identification. Cross connection can be achieved with the aid of shorting links / sleeves & screws.

TECHNICAL DATA

Rated Voltage	1000 V
Rated Current	32 A
Tightening Torque	0.5 Nm
Housing Material	Polyamide
Comparative Tracking Index	1
Standard Colour	Grey
Type of Connection	Screw Clamp
Product Function	Feed Through
Wire Entry Orientation	Side Entry
Mounting Possibility	DIN 32/DIN 35/DIN 35-15 Rail
Screw Size	M3
Operated by	Screwdriver
Rated Surge Voltage	8 KV
Pollution Degree	3

CONNECTION DATA

Conductor Cross Section Stranded min.	0.2 mm ²
Conductor Cross Section Stranded max.	4 mm ²
Conductor Cross Section AWG/Kcmil min	22 AWG
Conductor Cross Section AWG/Kcmil max	10 AWG
Conductor Cross Section Stranded with Ferrule/Lug min	0.2 mm ²
Conductor Cross Section Stranded with Ferrule/Lug max	4 mm ²
2 Conductors with same Cross Section Stranded min	0.2 mm ²
2 Conductor with same Cross Section Stranded max	2.5 mm ²
Conductor Cross Section Solid min	0.2 mm ²
Conductor Cross Section Solid max	6 mm ²
2 Conductors with same Cross Section Stranded with TWIN Ferrule/Lug min	0.2 mm ²
2 Conductor with same Cross Section Stranded with TWIN Ferrule/Lug max	2.5 mm ²
Stripping Length	9 mm
Internal Cylindrical Gauge	A4

DIMENSIONS

Height with DIN 32 rail	51.1 mm
Height with DIN 35 x 15 mm rail	53.7 mm
Height with DIN 35 x 7.5 mm rail	46.2 mm
Length	43 mm
Width (Thickness)	6 mm

APPROVALS



AEx eII Ex ell



ORDERING INFORMATION

RS ST. NO.	DESCRIPTION	
796-1044, 818-8943	4 sq.mm Feed Through Terminal block in Grey colour	grey
796-1069	4 sq.mm Feed Through Terminal block in Red colour	red
796-1066	4 sq.mm Feed Through Terminal block in Yellow colour	yellow
796-1050, 818-8959	4 sq.mm Feed Through Terminal block in Blue colour	blue
796-0965	4 sq.mm Feed Through Terminal block in yellow/green colour	PE (Earth)
796-1056	4 sq.mm Feed Through Terminal block in Black colour	black
796-1062	4 sq.mm Feed Through Terminal block in White colour	white

ACCESSORIES

IMAGES	CAT. NO.	DESCRIPTION
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2508429926

End Clamp in Polyamide 66 suitable for Din 32 / Din 35 / Din 35-15 Rails



796-0855

End Clamp in Polyamide suitable for Din 35 / Din 35-15 Rails



796-1081
847-2800

End Plate in Grey Colour
End Plate in black Colour



796-1107

Partition Plate in Grey colour



2508427605

Separator Plate in Grey colour



2508429982

Pre Assembled Shorting Link assemblies with 2 poles

2p

2508429998

Pre Assembled Shorting Links assemblies with 3 poles

3p

2508430005

Pre Assembled Shorting Links assemblies with 4 poles

4p

2508430011

Pre Assembled Shorting Links assemblies with 10 poles


10p

796-0845

Pre Assembled Shorting Links assemblies with 10 poles

10p

ACCESSORIES....			
IMAGES	CAT. NO.	DESCRIPTION	
	2508430370	External Comb Type Shorting Link Available in 2 pole	2p
	2508430386	External Comb Type Shorting Link Available in 3 pole	3p
	2508430392	External Comb Type Shorting Link Available in 4 pole	4p
	2508430409	External Comb Type Shorting Link Available in 10 pole	10p

	796-0820	Marking Tag / 1-50	
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RATINGS AS PER STANDARDS			
STANDARDS	UL 1059	CSA C.22.2 No:158	DIN EN60947-7-1
Approvals	UL	CSA	VDE
Conductor Cross Section Stranded min.	22 AWG	22 AWG	0.5 mm ²
Conductor Cross Section Stranded max.	10 AWG	10 AWG	4 mm ²
Rated Voltage	600 V	600 V	800 V
Rated Current	35 A	35 A	32 A
Tightening Torque	7 lb-in	7 lb-in	0.5 Nm
STANDARDS	IEC/EN60947-7-1	EN60079-7	IEC 60079-0 & IEC 60079-7
Approvals	CE	ATEX	AEx
Conductor Cross Section Stranded min.	0.2 mm ²	0.5 mm ²	22 mm ²
Conductor Cross Section Stranded max.	4 mm ²	4 mm ²	10 mm ²
Rated Voltage	1000 V	690 V	600 V
Rated Current	32 A	28 A	30 A
Tightening Torque	0.5 Nm	0.5 Nm	7 lb-in
Operating Temperature Range		-40 to +85 °C	
STANDARDS	EN60079-7		
Approvals	ATEX-IECex		
Conductor Cross Section Stranded min.	0.5 mm ²		
Conductor Cross Section Stranded max.	4 mm ²		
Rated Voltage	690 V		
Rated Current	28 A		
Tightening Torque	0.5 Nm		