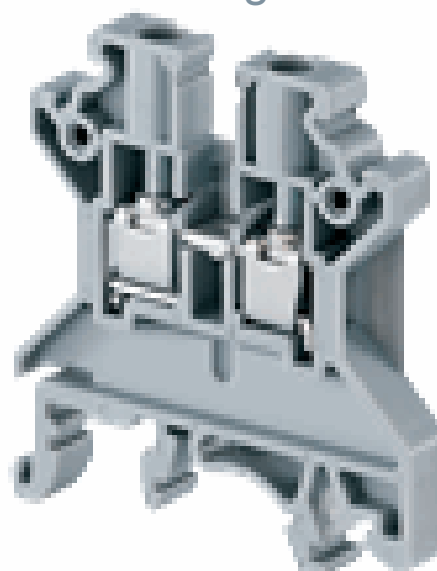


Datasheet

RS Pro Feed Through Terminal Block

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 dismounting 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
Hi	
Hi	
Length	43 mm
Width (Thickness)	6 mm

APPROVALS





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)

	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	
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	2508427605	Separator Plate in Grey colour	
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	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
		Pre Assembled Shorting Links assemblies with 10 poles	

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	

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		