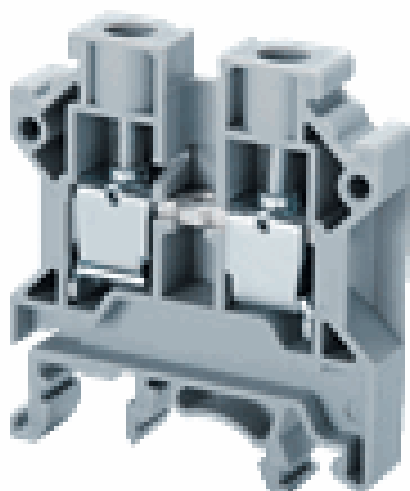


Datasheet

6 sq.mm Standard Feed Through Terminal Blocks

RS Stock No.: 818-8953



6 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	41 A
Tightening Torque	0.8 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	M3.5
Operated by	Screwdriver
Rated Surge Voltage	8 KV
Pollution Degree	3



ENGLISH

CONNECTION DATA

Conductor Cross Section Stranded min.	0.5 mm ²
	6 mm ²
Conductor Cross Section AWG/Kcmil min	22 AWG
Conductor Cross Section AWG/Kcmil max	8 AWG
Conductor Cross Section Stranded with Ferrule/Lug min	0.5 mm ²
Conductor Cross Section Stranded with Ferrule/Lug max	6 mm ²
2 Conductors with same Cross Section Stranded min	0.5 mm ²
2 Conductor with same Cross Section Stranded max	4 mm ²
Conductor Cross Section Solid min	0.5 mm ²
Conductor Cross Section Solid max	10 mm ²
2 Conductors with same Cross Section Stranded with TWIN Ferrule/Lug min	0.5 mm ²
2 Conductor with same Cross Section Stranded with TWIN Ferrule/Lug max	4 mm ²
Stripping Length	9 mm
Internal Cylindrical Gauge	A5

DIMENSIONS

Height with DIN 32 rail	52.8 mm
	55.5 mm
Height with DIN 35 x 7.5 mm rail	47.8 mm
Length	43 mm
Width (Thickness)	8 mm

APPROVALS



ORDERING INFORMATION

CAT. NO.	DESCRIPTION	STD. PACK
818-8953	6 sq.mm Feed Through Terminal block in Grey colour	100

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	1.5 mm ²
Conductor Cross Section Stranded max.	8 AWG	8 AWG	6 mm ²
Rated Voltage	600 V	600 V	800 V
Rated Current	50 A	50 A	41 A
Tightening Torque	14 lb-in	14 lb-in	0.8 Nm
STANDARDS	IEC/EN60947-7-1	EN60079-7	IEC 60079-0 & IEC 60079-7
Approvals	CE	ATEX	AEx
Conductor Cross Section Stranded min.	0.5 mm ²	1.5 mm ²	22 AWG
Conductor Cross Section Stranded max.	6 mm ²	6 mm ²	8 AWG
Rated Voltage	1000 V	690 V	600 V
Rated Current	41 A	36 A	50 A
Tightening Torque	0.8 Nm	0.8 Nm	14 lb-in
Operating Temperature Range		-40 to +85 °C	
STANDARDS	EN60079-7		
Approvals	ATEX-IECex		
Conductor Cross Section Stranded min.	1.5 mm ²		
Conductor Cross Section Stranded max.	6 mm ²		
Rated Voltage	690 V		
Rated Current	36 A		
Tightening Torque	0.8 Nm		

RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.