

Main

Range of product	Terminal blocks
Product or component type	Terminal block
Technology type	Screw technology
Terminal block type	Passthrough
Fixing mode	Clip-on mounting on 35 mm asymmetrical rail Clip-on mounting on 35 mm notched symmetrical rail Clip-on mounting on 35 mm symmetrical DIN rail
Nominal cross section	0.01 in ² (6 mm ²)
Length	1.81 in (46 mm)
Color	Grey
Number of points	2
Sale per indivisible quantity	100

Complementary

Width	0.31 in (8 mm)
Height	2.28 in (58 mm) on 35 mm asymmetrical rail 2.4 in (61 mm) on 35 mm notched symmetrical rail 2.11 in (53.5 mm) on 35 mm symmetrical DIN rail
Cable cross section	0...0.02 in ² (0.5...10 mm ²), solid 0...0.01 in ² (0.5...6 mm ²), flexible with or without cable end
Tightening torque	10.62...14.16 lbf.in (1.2...1.6 N.m), M3.5 conforming to EN 60999 10.62...14.16 lbf.in (1.2...1.6 N.m), M3.5 conforming to IEC 60974-1
System Voltage	500 V AC/DC conforming to UTE category C 750 V conforming to ATEX Exe II Ex II 2 GD 750 V AC conforming to VDE group C 800 V conforming to EN/IEC 60947-7-1 900 V DC conforming to VDE group C 600 V, AWG 20...AWG 8 CSA 600 V, AWG 22...AWG 8 UL
[In] rated current	3...41 A conforming to EN/IEC 60947-7-1 45 A, AWG 20...AWG 8 CSA 50 A, AWG 22...AWG 8 UL 35...38 A conforming to ATEX Exe II Ex II 2 GD 44 A conforming to VDE group C
Material	Copper or brass (commoning link) Polyamide 6.6 (insulating case) Zinc chromed steel (connector and screw)
Dielectric loss	0.01 at 1 MHz conforming to IEC 60250 0.01 at 1 MHz conforming to VDE 0303-T4
Dielectric constant	3.7 at 1 MHz
Resistivity	Conforming to IEC 60093 Conforming to VDE 0303-T30
Surface resistance	10 GΩ conforming to VDE 0303-T30 10 GΩ conforming to IEC 60093
Creep resistance	500 CTI (> 400 kV) conforming to IEC 60093 500 CTI (> 400 kV) conforming to VDE 0303-T30
Flame retardance	V0, thickness 0.03 in (0.8 mm) conforming to UL 94
Product weight	0.52 oz (14.8 g)

Environment

dielectric test voltage	8 kV conforming to EN/IEC 60947-7-1
product certifications	ASEV ATEX CSA CSA-Ex DNV

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GL
LR
UL
UL-Aex
UL-Ex
VDE

dielectric strength	80 kV conforming to IEC 60243-1 80 kV conforming to VDE 0303-T21
ambient air temperature for operation	-40...266 °F (-40...130 °C) conforming to IEC 60216-1 -40...266 °F (-40...130 °C) conforming to VDE 0304-T21

Contractual warranty

Warranty period	18 months
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