



General data	
Temperature range	-20...+60 °C
Dimensions HxWxD	145x55x21 mm
Cables	
No./diameter of wires	16x 0.34 + 5x 0.75 mm <sup>2</sup>
Wire isolation	TPE (grp, wh, rd, bl, gn, whgn, ye, brgn, gr, whye, pk, yebr, rd, whgr, bk, grbr, vi, br, bl, gnye)
C-track properties	5 Mio.
Outer Ø	11.5 mm ±5%
Cable number	403
Approval (cable)	UL (AWM-Style 20233/10042), CSA; CE conform
Material (wire)	Cu wire, bare
Resistor (core)	max. 57 Ω/km (0.34 mm <sup>2</sup> ), max. 26 Ω/km (0.75 mm <sup>2</sup> ); (20 °C)
Single wire Ø (core)	0.1 mm
Diameter (core)	16x 0.34 + 5x 0.75 mm <sup>2</sup>
AWG	similar to AWG 22 (0.34 mm <sup>2</sup> ); similar to AWG 18 (0.75 mm <sup>2</sup> )
Material (wire isolation)	TPE-E
Shore hardness (wire isolation)	55 ±5 D
Shield	yes
Shore hardness (jacket)	85 ±5 A
Jacket Color	gray
Nominal voltage	300/500 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+90 °C
Temperature range (mobile)	-25...+80 °C
Bend radius (fixed)	5x outer Ø
Bend radius (moving)	10x outer Ø
Bend radius (moving)	10x outer Ø
No. of bending cycles (C-track)	max. 5 Mio. (25 °C)
Travel speed (C-track)	max. 2 m/s
Acceleration (C-track)	max. 5 m/s <sup>2</sup>
Material (jacket)	PUR (UL/CSA)
Contact Layout	
PIN 1	(+)
PIN 2	(NC)/(S2)
PIN 3	(-)
PIN 4	(NO)/(S1)
PIN 5	(Earth)
	LED (green): Power / LED (yellow): (S1/S2) / LED (red): Failure
Description	
Functional description	All M12 ports are current monitored regarding 0 V total current (contact 3), and are switched off in case of overload or short-circuit (self-resetting). Supply voltage of other ports remains the same. In case of a fault the DIAGNOSTIC signal "active high"
Commercial data	
country of origin	CZ
customs tariff number	85444290
EAN	4048879063470
eClass	27279219
Packaging unit	1.000