Product datasheet Characteristics

TSXSCMCN050

RS485 shielded cable to build safety islands with safe com. modules - 50 m



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Range of product	Preventa Safety automation	
Accessory / separate part type	Connecting cable	
Accessory / separate part category	Cabling accessory	
Accessory / separate part destination	RS485 safe communication expansion module	

Complementary

Product compatibility	XPSMCMCO0000S	
Cable length	50 m	
Electrical connection	Flying leads	
AWG gauge	AWG 24	
Cable insulation material	PE (polyethylene)	
Type of cable	Twisted pair cable: white/blue Twisted pair cable: orange/white	
Cable shielding type	S/FTP	
[Ue] rated operational voltage	300 Vrms	
Permissible current	2.1 A	
Cable capacitance	0.2096 nF (between two conductors) 0.3772 nF (between conductor and shield)	
Attenuation	1.97 dB	
Nominal velocity propagation	66 %	
Delay skew	1.54 ns	
Insulation resistance	24 MOhm nominal conductor DC resistance 2.2 MOhm nominal outer shield DC resistance	
Product weight	4.6 kg	

Environment

	Ambient air	temperature	for operation	-2080	°C
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Offer Sustainability

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REACh free of SVHC	Yes	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)	
	EU RoHS Declaration	8 <u>C</u>

Toxic heavy metal free	Yes	
Mercury free	Yes	
RoHS exemption information	Yes	
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)	
Contractual warranty		
Warranty	18 months	