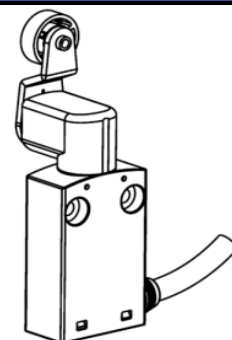




Technical datasheet

XCMN2115T1L0

Pre-cable connection component for XCMN range
Halogen free cable for railway equipments.
Cable conform to EN50306 and NF16-101 standard



Environment Characteristics

Conformity to standards for product	IEC 60947-5-1, EN 60947-5-1	
Conformity to standards for cable	EN50306 - NF16-101	
Product certifications	CE	
Protective treatment	TC	
Storage temperature	-40°C à +70°C	
Operation temperature	-25°C à +70°C	
Vibration resistance	IEC 60068-2-6	5 gn (10 to 500Hz)
Shock resistance	IEC 60068-2-27	25gn, time 18ms
Electric shock protection	IEC 61140, NF C 20-030	Class II
Degree of protection	IEC 60529, EN 50102	IP65, IK04 conforming to EN 50102
Material	Body	Plastic
	Head	Zamak

Contact block Characteristics

Rated operational characteristics	IEC 60947-5-1 appendix A EN 60947-5-1	AC-15 B300 (Ue = 240 V , Ie = 1,5A) DC-13 R300 (Ue = 250 V, Ie = 0,1 A)
Thermal current	Ithe = 6 A	
Rated insulation voltage	EN 60947-5-1	Ui = 300V degree of pollution 3
Rated impulse withstand voltage	IEC60947-1, IEC 60664	U imp = 4 KV
Positive operation	IEC 60947-5-1 Appendix K, EN 60947-5-1	NC contacts with positive opening operation
Short-circuit protection	6A cartridge fuse type gG (gl)	
Mechanical durability	5 millions operating cycles	
Maximum actuation speed	0,5 m/s on end	
Minimum force	For tripping	2,5 N
	For positive opening	12,5 N

Cable Characteristics

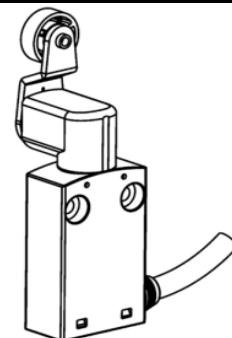
External diameter	6,2 mm + / - 0,2mm Class: E	
Composition	4x0,75mm ² Tinned copper	
Length	1m +/-3cm	
Colour of the cable	Black	
Colour of the wire	White numbered 1 to 4	
Material	Cable insulation material	Halogen free according to EN 50306
	Cable external jacket	Halogen free according to EN 50306
Nominal voltage	300V	
Insulation voltage	NFC 32 201-1	1,5 kV
Flame propagation	NFC 32-070	Class C1
Smoke emission	NFF 16101	F1
Static bending radius	R min = 40mm	



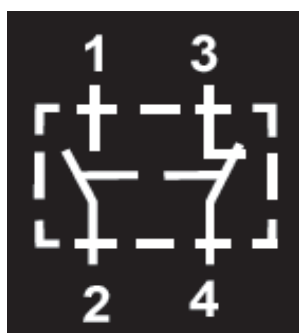
Technical datasheet

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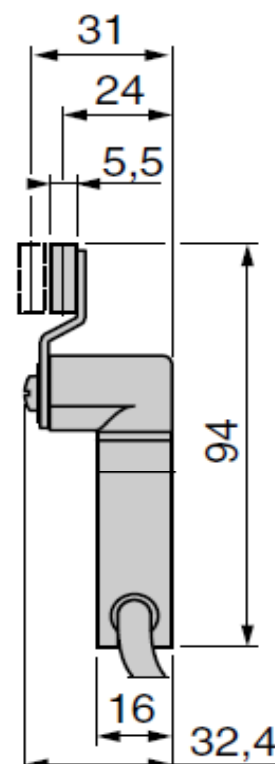
Connections



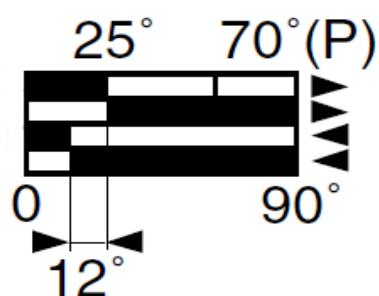
White wire, numbered 1 to 4

Dimensions

Head is rotated to 180°(not in the drawing)

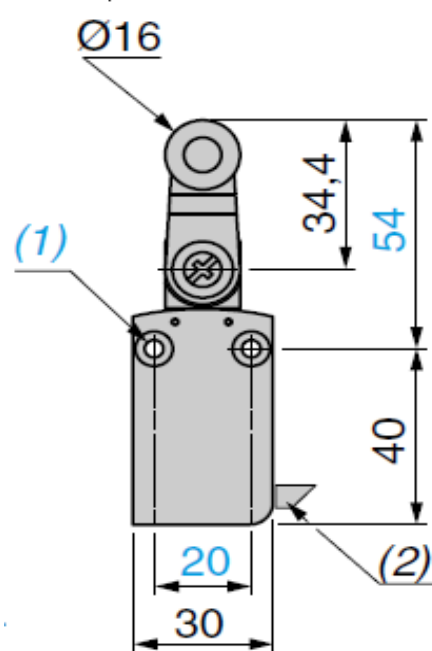
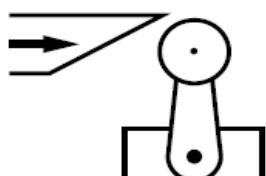


Contact diagram



■ contact closed
□ contact open

By 30° cam



(1) 2 fixing holes Ø 4,2mm, counterbored Ø 8mm by 4mm deep

(2) external diameter of cable 6,2mm