DATASHEET - HI11-P1/P3Z

Auxiliary contact, 1 N/O, 1 NC, For use with P1, P3, intermediate

Part no.	**HI11-P1/P3Z**
	062031
EL Number (Norway)	**1456526**

General specifications	
Product name	Eaton Moeller® series P1 Accessory Auxiliary contact
Part no.	HI11-P1/P3Z
EAN	4015080620310
Product Length/Depth	41 millimetre
Product height	83 millimetre
Product width	15 millimetre
Product weight	0.04 kilogram
Certifications	UL File No.: E36332 CSA Class No.: 3211-05 UL 508 IEC/EN 60947-5 CSA-C22.2 No. 14-05 UL Category Control No.: NLRV CE CSA File No.: 012528 CSA UL
Product Tradename	P1
Product Type	Accessory
Product Sub Type	Auxiliary contact
Features & Functions	
Electric connection type	Screw connection
General information	
Model	Top mounting
Mounting method	Side mounting
Mounting position	Left side Right side
Product category	Accessories
Type	Auxiliary contact
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	50 °C
Terminal capacities	
Terminal capacity (flexible with ferrule)	2 x (0.5 - 1.5) mm^2, ferrules to DIN 46228 1 x (0.5 - 1.5) mm^2, ferrules to DIN 46228
Terminal capacity (solid)	1 x (0.75 - 2.5) mm^2 2 x (0.75 - 1.5) mm^2
Stripping length (main cable)	7.5 mm
Tightening torque	1 Nm, Screw terminals
Electrical rating	
Rated insulation voltage (Ui)	500 V
Rated operational current (Ie)	0.55 A at DC-13, 250 V
Rated operational current (Ie) at AC-15, 220 V, 230 V, 240 V	6 A
Rated operational current (Ie) at DC-13, 125 V	1.1 A
Rated uninterrupted current (Iu)	10 A
Short-circuit rating	
Short-circuit protection rating	Max. 10 A gG/gL, Fuse, Auxiliary contacts
Contacts	
Control circuit reliability	1 failure per 100,000 switching operations statistically determined, at 24 V DC, 10 mA)
Number of contacts (change-over contacts)	0

Number of contacts (normally closed contacts)			1
Number of contacts (normally open contacts)			1

Design verification

Equipment heat dissipation, current-dependent Pvid			0 W
Heat dissipation capacity Pdiss			0 W
Heat dissipation per pole, current-dependent Pvid			0.11 W
Rated operational current for specified heat dissipation (In)			6 A
Static heat dissipation, non-current-dependent Pvs			0 W
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects			Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Meets the product standard's requirements.
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of assemblies			Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.10 Temperature rise			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Auxiliary contact block (EC000041)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Auxiliary switch block (ecl@ss13-27-37-13-02 [AKN342018])

Number of contacts as change-over contact			0
Number of contacts as normally open contact			1
Number of contacts as normally closed contact			1
Number of fault-signal switches			0
Rated operation current Ie at AC-15, 230 V		A	6
Type of electric connection			Screw connection
Model			Clip-on
Mounting method			Side mounting
Lamp holder			None