DATASHEET - HI21-P5-125/160E

Auxiliary contact, 2N/O+1N/C, for P5, 125A, flush mounting

Powering Business Worldwide™

Part no.	**HI21-P5-125/160E**
	280963
EL Number (Norway)	**1417191**

General specifications	
Product name	Eaton Moeller® series P5 Accessory Auxiliary contact
Part no.	HI21-P5-125/160E
EAN	4015082809638
Product Length/Depth	50 millimetre
Product height	75 millimetre
Product width	130 millimetre
Product weight	0.045 kilogram
Compliances	CE Marked
Certifications	UL 508 IEC 60947-5 CSA Std. C22.2 No. 14-05 EN 60947-5 CSA File No.: 223805 UL File No.: E36332 CSA Class No.: 3211-03 CE CSA IEC/EN 60947-5 UL Category Control No.: NLRV, NLRV7 CSA-C22.2 No. 14-05
Product Tradename	P5
Product Type	Accessory
Product Sub Type	Auxiliary contact
Catalog Notes	Late-break switching-on behavior, early-make switching-off behavior
Features & Functions	
Electric connection type	Screw connection
General information	
Connection type	Screw connection
Model	Top mounting
Mounting method	Side mounting
Mounting position	Right side Left side
Product category	Accessories
Type	Auxiliary contact
Used with	P5-125(160)/E(EA)
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	50 °C
Terminal capacities	
Terminal capacity (flexible with ferrule)	0.5 - 2.5 mm^2, ferrules to DIN 46228
Terminal capacity (solid)	0.5 - 2.5 mm^2
Stripping length (main cable)	8 mm
Tightening torque	0.8 Nm, Screw terminals
Electrical rating	
Rated insulation voltage (Ui)	500 V
Rated operational current (Ie)	0.1 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 AC-15, 380 V, 400 V, 415 V	3 A
Rated operational current (Ie) at DC-13, 125 V	0.23 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)			2
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			2
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