

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

**Part no.** HI21-P5-125/160Z  
**280964**  
**EL Number** 1417192  
**(Norway)**

General specifications		
Product name		Eaton Moeller® series P5 Accessory Auxiliary contact
Part no.		HI21-P5-125/160Z
EAN		4015082809645
Product Length/Depth		50 millimetre
Product height		75 millimetre
Product width		130 millimetre
Product weight		0.045 kilogram
Compliances		CE Marked
Certifications		UL 508 EN 60947-5 IEC 60947-5 CSA Std. C22.2 No. 14-05 IEC/EN 60947-5 UL File No.: E36332 CSA Class No.: 3211-03 CE CSA UL Category Control No.: NLRV, NLRV7 CSA-C22.2 No. 14-05 CSA File No.: 223805
Product Tradename		P5
Product Type		Accessory
Product Sub Type		Auxiliary contact
Catalog Notes		Late-break switching-on behavior, early-make switching-off behavior The N/O is always connected as a load-shedding contact.
Features & Functions		
Electric connection type		Screw connection
General information		
Connection type		Screw connection
Model		Top mounting
Mounting method		Side mounting
Mounting position		Left side Right side
Product category		Accessories
Type		Auxiliary contact
Used with		P5-125(160)/Z(V)
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 <sup>2</sup> , ferrules to DIN 46228
Terminal capacity (solid)		0.5 - 2.5 mm <sup>2</sup>
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

<b>Short-circuit rating</b>		
Short-circuit protection rating		Max. 10 A gG/gL, Fuse, Auxiliary contacts
<b>Contacts</b>		
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
<b>Design verification</b>		
Equipment heat dissipation, current-dependent P <sub>vid</sub>		0 W
Heat dissipation capacity P <sub>diss</sub>		0 W
Heat dissipation per pole, current-dependent P <sub>vid</sub>		0.11 W
Rated operational current for specified heat dissipation (I <sub>n</sub> )		6 A
Static heat dissipation, non-current-dependent P <sub>vs</sub>		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 I <sub>e</sub> at AC-15, 230 V	A	6
Type of electric connection		Screw connection
Model		Clip-on
Mounting method		Side mounting
Lamp holder		None