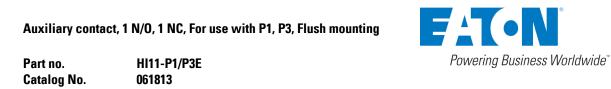
DATASHEET - HI11-P1/P3E



EL-Nummer (Norway)

1456548

Delivery program

Product range			Accessories
riouuciialige			Accessories
Basic function			Auxiliary contact
Part group reference			P1 P3
			Late-break switching-on behavior, early-make switching-off behavior The N/O is always connected as a load-shedding contact. For left and/or right side mounting
Contacts			
N/O = Normally open			1 N/O
N/C = Normally closed			1 NC
For use with			P1/E,/EA,/EZ P3/E,/EA
For use with			P1, P3, Flush mounting
Rated uninterrupted current	l _u	А	10

Technical data

Auxiliary contacts

kate γAC VAC Rate VAC 0 Rate u A Acto L A Acto Rate A Acto A A	Auxiliary contacts			
Rated insultation voltageUVACSoloRated uninterrupted currentuAIRated uninterrupted currentuAIRated uninterrupted currentuAIAC-15230 VIAC-15 with 230 VII-DC-13II-125 VIII250 VIII250 VIII250 VIIIMaximum fuseIIIMaximum fuseIIISolidIIISolidIIIStripping lengthIIIsping lengthII	Standards			Control circuit isolator to IEC/EN 60947-5
Atack uninterrupted current Iu A Rated uninterrupted current Iu A Iu Iu<	Rated insulation voltage	Ui	V AC	
Rated uninterrupted current Iu A I kated operational current Ie A I AC-15 Ie Ie Ie 230 V Ie A Ie AC-15 with 230 V Ie A Ie DC-13 Ie A Ie 125 V Ie A Ie 260 V Ie A Ie Solut Ie A Ie Solut Ie A Ie Solut Ie A Ie Ie Solut Ie Ie Ie Ie	Rated insulation voltage	Ui	V AC	500
Ac-15 Image: Ac-15 AC-15 Image: Ac-15 Z30 V Image: Ac-15 AC-15 with 230 V Image: Ac-15 Image: Ac-15 with 230 V Image: Ac-15 Image: Ac-15 with 230 V Image: Ac-15 Image: Ac-15 with 230 V Image: Ac-16 Image: Ac-16 with 230 V Image: Ac-16 Image: Ac-17 with 240 V Image: Ac-16 Image: Ac-16 Image: Ac-16 Image: Ac-17 with 16 with	Rated uninterrupted current	lu	А	
AC-15Image: Marcine in the second	Rated uninterrupted current	lu	Α	10
230 V Indext of the second s	Rated operational current	le	Α	
AC-15 with 230 V Ie A DC-13 Ie	AC-15			
Point Point <th< td=""><td>230 V</td><td>le</td><td>А</td><td></td></th<>	230 V	le	А	
125 V Ie A 1.1 250 V Ie A 0.55 Short-circuit rating Immage A g6/a Immage Maximum fuse Immage Immage Immage Solid Immage Immage Immage Solid Immage Immage Immage Stripping length Immage Immage Immage Tightening torque Immage Immage Immage Soutrol circuit reliability at 24 VDC, 10 mA Fault HF <10-5, < 1 failure in 100000 operations	AC-15 with 230 V	le	А	6
Zo V Ie A Description Short-circuit rating F F F Maximum fuse A gG/gL 10 F Ferminal capacities mm ² F F Solid mm ² x 0.75 - 2.5 x 0.75 - 1.5 x 0.75 - 2.5 x 0.75 - 1.5 Flexible with ferrules to DIN 46228 mm ² x 0.5 - 1.5 x 0.5 - 1.5 x 0.5 - 1.5 x 0.5 - 1.5 x 0.5 - 1.5 Stripping length mm 5.2 5.2 Tightening torque Feult Feult HE Fourtor circuit reliability at 24 VDC, 10 mA Fault HE <10.5 < 1 failure in 100000 operations	DC-13	le		
Normalization Normalinstration Normalization Norma	125 V	le	А	1.1
Maximum fuse A g6/gL Imm2	250 V	le	А	0.55
Flexible with ferrules to DIN 46228 mm mm Stripping length mm 1x 0.75 - 1.5 2x 0.75 - 1.5 Stripping length mm 1x 0.5 - 1.5 2x 0.75 - 1.5 Stripping length mm 7.5 Scontrol circuit reliability at 24 V DC, 10 mA Fault HF <10-5, <1 failure in 100000 operations	Short-circuit rating			
Solid mm² 1× 0.75 - 2.5 2× 0.75 - 1.5 Flexible with ferrules to DIN 46228 mm² 1× 0.5 - 1.5 2× 0.5 - 1.5 Stripping length mm² 1× 0.5 - 1.5 2× 0.5 - 1.5 Stripping length mm² 7.5 Control circuit reliability at 24 V DC, 10 mA Fault H _F <10-5, < 1 failure in 100000 operations	Maximum fuse		A gG/gL	10
Flexible with ferrules to DIN 46228 mm² 2 x 0.75 - 1.5 Stripping length mm² 1 x 0.5 - 1.5 rightening torque mm² 7.5 Control circuit reliability at 24 V DC, 10 mA Fault H _F <10-5, <1 failure in 100000 operations	Terminal capacities		mm ²	
Stripping length mm 2 x 0.5 - 1.5 ightening torque mm 7.5 Control circuit reliability at 24 V DC, 10 mA Fault HF <10-5, <1 failure in 100000 operations	Solid		mm ²	
Nm Nm Control circuit reliability at 24 V DC, 10 mA Fault H _F < 10-5, < 1 failure in 100000 operations	Flexible with ferrules to DIN 46228		mm ²	
Control circuit reliability at 24 V DC, 10 mA Fault H _F < 10-5, < 1 failure in 100000 operations	Stripping length		mm	7.5
	Tightening torque		Nm	1
	Control circuit reliability at 24 V DC, 10 mA		H _F	< 10-5, < 1 failure in 100000 operations

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	In	А	6
Heat dissipation per pole, current-dependent	P _{vid}	W	0.11
Equipment heat dissipation, current-dependent	P _{vid}	W	0
Static heat dissipation, non-current-dependent	P _{vs}	W	0
Heat dissipation capacity	P _{diss}	W	0

Operating ambient temperature min.	°C	-25
Operating ambient temperature max.	°C	50
EC/EN 61439 design verification		
10.2 Strength of materials and parts		
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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties		
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 7.0

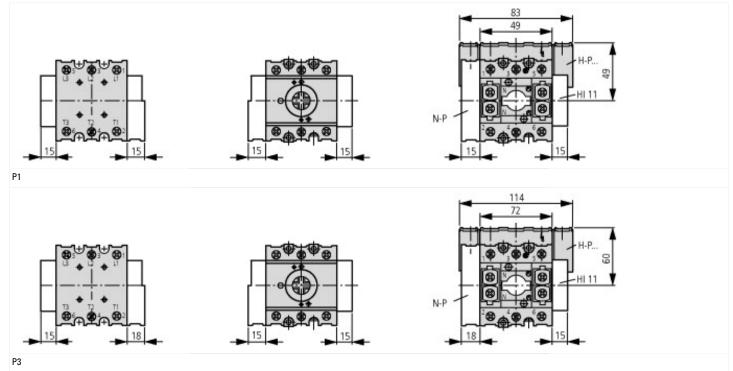
Low-voltage industrial components (EG000017) / Auxiliary contact block (EC000041)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Auxiliary switch block (ecl@ss10.0.1-27-37-13-02 [AKN342013])			
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 le at AC-15, 230 V		А	6
Type of electric connection			Screw connection
Model			Top mounting
Mounting method			Side mounting
Lamp holder			Other

Approvals

Product Standards	UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-5; CE marking
UL File No.	E36332
UL Category Control No.	NLRV
CSA File No.	12528
CSA Class No.	3211-05
North America Certification	UL listed, CSA certified

Dimensions



Additional product information (links)

Technical overview cam switch, switch-disconnector	http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.2
System overview cam switch T	http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.4
System overview switch-disconnector P	http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.6
Key to part numbers Cam switch	http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.8
Key to part numbers Switch-disconnector	http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.8
Switches for ATEX	http://www.coopercrouse-hinds.eu/en/products/25-ex-safety-and-main-current-switches.html