DATASHEET - QSA40N0-00/3+P



Fuse switch-disconnector, 3 pole, rear mounting, 40 A, Pillar, NH000/NH00



QSA40N0-00/3+P Part no. Catalog No. 1320205

Powering Business Worldwide™

Deliver	y p	rogi	ram
---------	-----	------	-----

Product range Product range Product range Product range Part group reference Stop Function Notes Information about oquipment supplied Number of poles Auxiliary contacts Pogree of Protection Degree of Protection Contact sequence Contact sequence Rated uninterrupted current 1, one contact or manufact of the product of the	Delivery program			
Stop Function Notes Notes Information about equipment supplied Number of poles Auxiliary contacts Pergre of Protection Design Contact sequence Contact sequence Rated uninterrupted current 1 _u Note on rated uninterrupted current 1 _u	Product range			Main switch
Notes Incompation about equipment supplied Image: contact or neutral conductor fitted by user. Auxiliary contact or neutral conductor fitted by user. Auxiliary contacts N/C 3 pole Auxiliary contacts N/C 0 Degree of Protection N/C 1 pole Design rear mounting rear mounting Contact sequence Image: contact sequence with a c	Part group reference			QSA
Information about equipment supplied Number of poles Auxiliary contacts Pagee of Protection Degree of Protection Design Contact sequence Contact sequence Rated uninterrupted current 1, Note on rated uninterrupted current 1, Connection technique Connection technique Connection about equipment supplied Auxiliary contact or neutral conductor fitted by user. Please Auxiliary contact or neutral conductor fitted by user. Please Auxiliary contact or neutral conductor fitted by user. Please Please Auxiliary contact or neutral conductor fitted by user. Please Please Please Please Please Auxiliary contact or neutral conductor. Please Please Please Please Auxiliary contact or neutral conductor. Please Please Please Please Auxiliary contact or neutral conductor. Please	Stop Function			optional
Number of poles Auxiliary contacts N/C N/C Degree of Protection Design Contact sequence Contact sequence Rated uninterrupted current I Note on rated uninterrupted current I Connection technique Note on rated uninterrupted current I Connection technique Sequence Auxiliary contacts applied to the protection of the protecti	Notes			Suitable for DIN fuse-links (blade contacts type)
Auxiliary contacts N/O 0 N/C 0 P20 with terminal cover P20 with ter	Information about equipment supplied			Auxiliary contact or neutral conductor fitted by user.
N/C 0 Degree of Protection Design Contact sequence Rated uninterrupted current I _u N/C 0 N/C 0 P20 with terminal cover rear mounting Table 1	Number of poles			3 pole
Degree of Protection Design Contact sequence Eated uninterrupted current Note on rated uninterrupted current I _u Connection technique Note on rated uninterrupted current I _u is specified for max. cross-section. Pillar Note on rated uninterrupted current I _u is specified for max. cross-section.	Auxiliary contacts			
Design Contact sequence End uninterrupted current Note on rated uninterrupted current I _u Connection technique IPD0 IP20 with terminal cover rear mounting L1 L2 L3 L1 L3 L	1		N/0	0
Design Contact sequence L1 L2 L3 L1 L3 L5 L2 L4 6 T1 T2 T3 L3 L5 L4 L5 Rated uninterrupted current Note on rated uninterrupted current I _u Connection technique Rated uninterrupted current I _u Fillar	7		N/C	0
Contact sequence L1 L2 L3 L1 L3 L5 L2 L4 66 T1 T2 T3 L2 L3 L3 L5 L4 L5 L5 Rated uninterrupted current lu is specified for max. cross-section. Rated uninterrupted current lu is specified for max. cross-section. Pillar	Degree of Protection			
Rated uninterrupted current Iu A 40 Note on rated uninterrupted current !u Connection technique Rated uninterrupted current Iu is specified for max. cross-section. Pillar	Design			rear mounting
Rated uninterrupted current Iu A 40 Note on rated uninterrupted current !u Connection technique Rated uninterrupted current Iu is specified for max. cross-section. Pillar				
Note on rated uninterrupted current l _u is specified for max. cross-section. Connection technique Pillar	Contact sequence			$ \begin{array}{c c} & 1 \\ \hline & 1 \end{array} $ $ \begin{array}{c c} & 1 \\ \hline & 2 \end{array} $ $ \begin{array}{c c} & 4 \\ \hline & 6 \end{array} $ $ \begin{array}{c c} & 1 \\ \hline & \times \times \times \times \times \end{array} $
Connection technique Pillar	Rated uninterrupted current	I _u	Α	40
	Note on rated uninterrupted current !u			Rated uninterrupted current $I_{\rm u}$ is specified for max. cross-section.
Fuse cartridge Size NH000/NH00	Connection technique			Pillar
	Fuse cartridge		Size	NH000/NH00

Technical data

General			
Standards			IEC/EN 60947, VDE 0660, IEC/EN 60204 Switch-disconnector according to IEC/EN 60947-3
Certifications			CE, RoHs
Ambient temperature			
Operation	9	°C	-25 - +55
Storage	θ	°C	-30 - +80
Overvoltage category/pollution degree			III/3
Rated impulse withstand voltage	U _{imp}	kV	6
Rated insulation voltage	Ui	V	690
Mounting position			As required
Contacts			
Mechanical variables			

Number of poles			3 pole
Auxiliary contacts			
		N/O	0
		N/C	0
Electrical characteristics			
Rated operational voltage	Ue	V AC	690
Rated uninterrupted current	lu	Α	40
Note on rated uninterrupted current !u			Rated uninterrupted current I_{u} is specified for max. cross-section.
Heat dissipation per pole, current-dependent	P _{vid}	W	1.5

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	40
Heat dissipation per pole, current-dependent	P _{vid}	W	1.5
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	55
IEC/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 switch gear must be observed. $\label{eq:constraint}$
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switch gear must be observed. $\label{eq:constraint}$
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 7.0

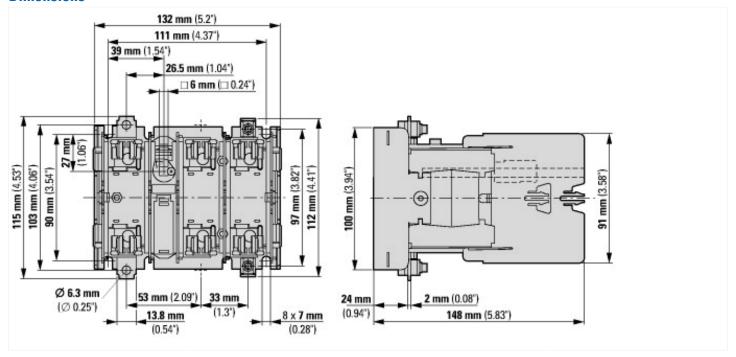
Low-voltage industrial components (EG000017) / Fuse switch disconnector (EC001040)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Fuse switch disconnector (ecl@ss10.0.1-27-37-14-01 [AKF058013])			
Version as main switch		Yes	

(ecl@ss10.0.1-27-37-14-01 [AKF058013])		
Version as main switch		Yes
Version as safety switch		No
Max. rated operation voltage Ue AC	V	690
Rated permanent current lu	Α	40

Rated operation power at AC-23, 400 V	kW	22
Conditioned rated short-circuit current Iq	kA	50
Rated short-time withstand current lcw	kA	0
Suitable for fuses		NH000, NH00
Number of poles		4
With error protection		No
Type of electrical connection of main circuit		Screw connection
Cable entry		Other
Equipped with connectors		Yes
Suitable for ground mounting		Yes
Suitable for front mounting 4-hole		No
Suitable for busbar mounting		No
Type of control element		Other
Position control element		Front side
Motor drive optional		No
Motor drive integrated		No
Version as emergency stop installation		No
Degree of protection (IP), front side		IP00

Dimensions



Assets (links)

Declaration of CE Conformity

00003042

Instruction Leaflets

IL008010ZU2018_05

Additional product information (links)

IL008010ZU Safety switch-disconnector

 $IL008010ZU\ Safety\ switch-disconnector \\ ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL008010ZU2018_05.pdf$