

Part no. **QSA63N0-00/3**
1320203

General specifications		
Product name		Eaton QSA Fuse Switch-disconnector
Part no.		QSA63N0-00/3
EAN		8711426293878
Product Length/Depth		138 millimetre
Product height		138 millimetre
Product width		165 millimetre
Product weight		1.1 kilogram
Certifications		IEC/EN 60947 VDE 0660 RoHS IEC/EN 60204 CE IEC/EN 60947-3
Product Tradename		QSA
Product Type		Fuse Switch-disconnector
Product Sub Type		None
Features & Functions		
Features		Version as main switch
Fitted with:		Connectors
Functions		Optional Stop Function
Number of poles		Three-pole
General information		
Accessories		Auxiliary contact or neutral conductor fitted by user.
Actuator type		Without actuator
Construction size		NH000, NH00
Degree of protection		IP20, with terminal cover IP00
Degree of protection (front side)		IP00
Mounting method		Rear mounting
Mounting position		As required
Overvoltage category		III
Pollution degree		3
Product category		Fuse-switch-disconnector Main switch
Rated impulse withstand voltage (Uimp)		6000 V
Suitable for		DIN fuse-links (blade contacts type) Ground mounting
Climatic environmental conditions		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		55 °C
Ambient storage temperature - min		-30 °C
Ambient storage temperature - max		80 °C
Operating temperature - min		-25 °C
Operating temperature - max		55 °C
Electrical rating		
Rated insulation voltage (Ui)		690 V
Rated operating voltage (Ue) at AC - max		690 V
Rated operational power at AC-23A, 400 V, 50 Hz		30 kW
Rated short-time withstand current (Icw)		0 kA
Rated uninterrupted current (Iu)		63 A

Uninterrupted current			Rated uninterrupted current Iu is specified for max. cross-section.
Contacts			
Number of auxiliary contacts (normally closed contacts)			0
Number of auxiliary contacts (normally open contacts)			0
Design verification			
Equipment heat dissipation, current-dependent Pvid			0 W
Heat dissipation capacity Pdis			0 W
Heat dissipation per pole, current-dependent Pvid			2.3 W
Rated operational current for specified heat dissipation (In)			63 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 8.0

Low-voltage industrial components (EG000017) / Fuse switch disconnecter (EC001040)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Fuse switch disconnecter (ecI@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 Iu		A	63
Rated operation power at AC-23, 400 V		kW	30
Conditioned rated short-circuit current Iq		kA	50
Rated short-time withstand current Icw		kA	0
Suitable for fuses			NH000, NH00
Number of poles			3
With error protection			No
Type of electrical connection of main circuit			Bolt connection
Cable entry			Top/bottom
Equipped with connectors			Yes
Suitable for floor mounting			Yes
Suitable for front mounting			No
Suitable for busbar mounting			No
Type of control element			Without actuator

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