



Eaton 1318551

Eaton Moeller® series QSA Fuse switch-disconnector, 3P + N (switched), rear mounting, 100 A, NH000/NH00

□□□□

PRODUCT NAME	Eaton Moeller® series QSA Fuse switch-disconnector
CATALOG NUMBER	1318551
PRODUCT LENGTH/DEPTH	15 mm
PRODUCT HEIGHT	95 mm
PRODUCT WIDTH	156 mm
PRODUCT WEIGHT	2 kg
CERTIFICATIONS	IEC/EN 60947 IEC/EN 60947-3 VDE 0660 CE RoHS IEC/EN 60204

FEATURES

Version as main switch

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.

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.

SYSTEM OVERVIEW

[eaton-rotary-switches-qa-fuse-switch-disconnector-explosion-drawing-004.eps](#)

□□□□□

[IL008011ZU](#)

□□□

[eaton-rotary-switches-on-off-switch-p3-main-switch-wiring-diagram.eps](#)

[eaton-rotary-switches-t0-on-off-switch-wiring-diagram-068.eps](#)

□□

[eaton-rotary-switches-qa-fuse-switch-disconnector-dimensions-006.eps](#)

[eaton-rotary-switches-qa-fuse-switch-disconnector-dimensions-014.eps](#)

[eaton-rotary-switches-qa-fuse-switch-disconnector-3d-drawing-002.eps](#)

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.
FITTED WITH:	Connectors
POLLUTION DEGREE	3
RATED OPERATIONAL POWER AT AC-23A, 400 V, 50 HZ	55 kW
RATED PERMANENT CURRENT (IU)	100 A
RATED UNINTERRUPTED CURRENT (IU)	100 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
ACCESSORIES	Auxiliary contact fitted by user.
PRODUCT CATEGORY	<ul style="list-style-type: none"> • Fuse-switch-disconnector • Main switch
CONDITIONED RATED SHORT-CIRCUIT CURRENT IQ	50 kA
NUMBER OF POLES	Four-pole
RATED OPERATION POWER AT AC-23, 400 V	55 kW
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	6000 V
DEGREE OF PROTECTION	IP00 IP20, with terminal cover
RATED SHORT-TIME WITHSTAND CURRENT	0 kA

(ICW)	
ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT	Bolt connection
ACTUATOR POSITION	Front side
ACTUATOR TYPE	Without actuator
AMBIENT OPERATING TEMPERATURE - MAX	55 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT STORAGE TEMPERATURE - MAX	80 °C
AMBIENT STORAGE TEMPERATURE - MIN	-30 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	0
CONSTRUCTION SIZE	NH000, NH00
MOUNTING POSITION	As required
SUITABLE FOR	DIN fuse-links (blade contacts type) Ground mounting Front mounting
FUNCTIONS	Optional Stop Function
OVERVOLTAGE CATEGORY	III
SUITABLE FOR FUSES	NH00
CABLE ENTRY TYPE	Top/bottom
MOUNTING METHOD	Rear mounting
DEGREE OF PROTECTION (FRONT SIDE)	IP00
NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)	0
OPERATING TEMPERATURE - MAX	55 °C
OPERATING TEMPERATURE - MIN	-25 °C
RATED INSULATION VOLTAGE (UI)	690 V
RATED OPERATING	690 V

VOLTAGE (UE) AT AC - MAX	
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	100 A
UNINTERRUPTED CURRENT	Rated uninterrupted current Iu is specified for max. cross-section.

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:



 Eaton House
30 Pembroke Road
Dublin 4, Eaton.com

© 2025

Follow us on social media to get the latest product and support information.

