Specificaties

Eaton 1320298

Catalog Number: 1320298

Eaton Moeller® series QSA Fuse switch-disconnector, 3P + N (switched), rear mounting, 63 A, NH000/NH00



General specifications

Product Name Eaton Moeller® series QSA Fuse switch-disconnector	**Catalog Number** 1320298
	EAN 8711426685987
Product Length/Depth 162 mm	**Product Height** 130 mm
Product Width 135 mm	**Product Weight** 1.6 kg
Certifications IEC/EN 60947-3 IEC/EN 60204 IEC/EN 60947 VDE 0660 CE RoHS	**Model Code** QSA63N0-00/3N.

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Features & Functions

Features
Version as main switch

Fitted with:
Connectors

Functions
Optional Stop Function

Number of poles
Four-pole

General

Accessories
Auxiliary contact fitted by user.

Actuator type
Without actuator

Construction size
NH000, NH00

Degree of protection
IP00
IP20, with terminal cover

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

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

Ambient storage temperature - max

80 °C

Operating temperature - min

-25 °C

Operating temperature - max

55 °C

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 Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

0 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.

Downloads

Bedradingsschema’s

eaton-rotary-switches-on-off-switch-p3-main-switch-wiring-diagram.eps

eaton-rotary-switches-t0-on-off-switch-wiring-diagram-068.eps

Catalogi

Product Range Catalog Industrial switch-disconnectors

Declarations of conformity

DA-DC-00004874.pdf

DA-DC-00004907.pdf

eCAD model

ETN.QSA63N0-00_3N.edz

Installatiehandleidingen

IL008010ZU

System overview

eaton-rotary-switches-qsa-fuse-switch-disconnector-explosion-drawing-003.eps

Tekeningen

eaton-rotary-switches-qsa-fuse-switch-disconnector-dimensions-010.eps

eaton-rotary-switches-qsa-fuse-switch-disconnector-dimensions-008.eps

eaton-rotary-switches-qsa-fuse-switch-disconnector-3d-drawing.eps

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