Specifications

Eaton 197431

Catalog Number: 197431

Eaton Moeller® series T0 Changeover switch, 20 A, Two-pole, switch positions: 3, Type: Reverser, Design: 15432

General specifications

Product Name
Eaton Moeller® series T0 Changeover switch

Catalog Number
197431

EAN
4015080895688

Product Length/Depth
200 mm

Product Height
127 mm

Product Width
150 mm

Product Weight
1.545 kg

Certifications
IEC/EN 60947-3
IEC/EN 60947
VDE 0660
IEC/EN 60204

Features & Functions

Number of poles

Two-pole

General

Degree of protection (front side)

IP65

NEMA 12

Electrical rating

Rated uninterrupted current (Iu)

20 A

Actuator

Actuator type

Toggle

Design verification

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.

10.2.5 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

Resources

Brochures

Steel enclosure brochure

Catalogs

P Switch-disconnectors and T Rotary cam switches catalogue CA042001EN

P1-40 Switch-disconnectors

Drawings

eaton-rotary-switches-t0-main-switch-dimensions-003.eps

eaton-rotary-switches-front-plate-t0-changeover-switch-symbol-017.eps

eaton-rotary-switches-t0-changeover-switch-3d-drawing.eps

eaton-general-totally-insulated-t0-main-switch-symbol.eps

eaton-general-rotary-switch-t0-step-switch-symbol.eps

eCAD model

DA-CE-ETN.T0-2-15432_SE1

Installation instructions

IL008054ZU

Installation videos

Eaton Bussmann Switch Disconnect

Wiring diagrams

eaton-rotary-switches-switch-t0-changeover-switch-wiring-diagram-002.eps

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.

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