Specifications

# Eaton 197419

## Catalog Number: 197419

Eaton Moeller® series T0 Main switch, 20 A, Three-pole, switch positions: 3, Type: Series switch, Design: 8451

### General specifications

**Product Name**
Eaton Moeller® series T0 Main switch

**Catalog Number**
197419

**EAN**
4015080895565

**Product Length/Depth**
200 mm

**Product Height**
127 mm

**Product Width**
150 mm

**Product Weight**
1.59 kg

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

## Features & Functions

### Number of poles

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

eaton-rotary-switches-front-plate-t0-step-switch-symbol-006.eps

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

### Installation instructions

IL008054ZU

### Installation videos

Eaton Bussmann Switch Disconnect

### Wiring diagrams

eaton-rotary-switches-switch-t0-changeover-switch-wiring-diagram-009.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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