Specifications

# Eaton 197455

## Catalog Number: 197455

Eaton Moeller® series T3 Main switch, 32 A, Four-pole, switch positions: 3, Type: On/Off switch, Design: 8294

### General specifications

**Product Name**
Eaton Moeller® series T3 Main switch

**Catalog Number**
197455

**EAN**
4015080896364

**Product Length/Depth**
250 mm

**Product Height**
147 mm

**Product Width**
200 mm

**Product Weight**
2.53 kg

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

## Features & Functions

### Number of poles

Four-pole

## General

### Degree of protection (front side)

IP65

NEMA 12

## Electrical rating

### Rated uninterrupted current (Iu)

32 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

### Declarations of conformity

DA-DC-00004923.pdf

DA-DC-00004894.pdf

### Drawings

eaton-rotary-switches-t0-main-switch-dimensions-004.eps

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

eaton-rotary-switches-front-plate-t0-changeover-switch-symbol-011.eps

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

### Installation instructions

IL008055ZU

### Installation videos

Eaton Bussmann Switch Disconnect

### Wiring diagrams

eaton-rotary-switches-changeover-switch-t0-changeover-switch-wiring-diagram-005.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.



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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