

# Specifications

Photo is representative

## Eaton 197431

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

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series T0 Changeover switch
<b>CATALOG NUMBER</b>	197431
<b>EAN</b>	4015080895688
<b>PRODUCT LENGTH/DEPTH</b>	200 mm
<b>PRODUCT HEIGHT</b>	127 mm
<b>PRODUCT WIDTH</b>	150 mm
<b>PRODUCT WEIGHT</b>	1.545 kg
<b>CERTIFICATIONS</b>	IEC/EN 60947-3 IEC/EN 60947 VDE 0660 IEC/EN 60204
<b>MODEL CODE</b>	T0-2-15432/SE1

## Features & Functions

NUMBER OF POLES	Two-pole
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## Electrical rating

RATED UNINTERRUPTED CURRENT (IU)	20 A
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## General

DEGREE OF PROTECTION (FRONT SIDE)	IP65 NEMA 12
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## Actuator

ACTUATOR TYPE	Toggle
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## 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** 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

## Resources

[P1-40 Switch-disconnectors](#)

### CATALOGUES

[P Switch-disconnectors and T Rotary cam switches catalogue CA042001EN](#)

### DECLARATIONS OF CONFORMITY

[DA-DC-00004895.pdf](#)

[DA-DC-00004927.pdf](#)

[eaton-rotary-switches-t0-main-switch-dimensions-003.eps](#)

[eaton-rotary-switches-front-plate-t0-changeover-switch-symbol-017.eps](#)

### DRAWINGS

[eaton-general-totally-insulated-t0-main-switch-symbol.eps](#)

[eaton-rotary-switches-t0-changeover-switch-3d-drawing.eps](#)

[eaton-general-rotary-switch-t0-step-switch-symbol.eps](#)

### ECAD MODEL

[DA-CE-ETN.T0-2-15432\\_SE1](#)

### INSTALLATION INSTRUCTIONS

[IL008054ZU](#)

### WIRING DIAGRAMS

[eaton-rotary-switches-switch-t0-changeover-switch-wiring-diagram-002.eps](#)

	temperature rise calculation. Eaton will provide heat dissipation data for the devices.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

<b>PROJECT NAME:</b>
<b>PROJECT NUMBER:</b>
<b>PREPARED BY:</b>
<b>DATE:</b>



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

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