



Eaton 013449

Eaton Moeller series T0 Control switch, 20 A,
Rear mounting, 3 contact unit(s), Contacts: 5,
Design: 8243

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PRODUCT NAME	Eaton Moeller® series T0 Control switch
CATALOG NUMBER	013449
PRODUCT LENGTH/DEPTH	67 mm
PRODUCT HEIGHT	48 mm
PRODUCT WIDTH	48 mm
PRODUCT WEIGHT	0.119 kg
CERTIFICATIONS	CE

TYPE	Control switch
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.
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	UV resistance only in connection with protective shield.
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.

DECLARATIONS OF CONFORMITY	eaton-step-switch-declaration-of-conformity-uk251327en.pdf
ECAD MODEL	DA-CE-ETN.T0-3-8243_XZ
□□□	eaton-rotary-switches-changeover-switch-t0-step-switch-wiring-diagram-002.eps
□□	eaton-rotary-switches-front-plate-t0-step-switch-symbol-011.eps

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.
POLLUTION DEGREE	3
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
RATED UNINTERRUPTED CURRENT (IU)	20 A
SWITCHING ANGLE	45 °
WIDTH IN NUMBER OF MODULAR SPACINGS	0
NUMBER OF POLES	Single-pole
DEVICE CONSTRUCTION	Built-in device
SWITCH TYPE	Level switch
ACTUATOR TYPE	Toggle
AMBIENT OPERATING TEMPERATURE - MAX	50 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX	40 °C
AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN	-25 °C
MOUNTING POSITION	As required
MOUNTING METHOD	Rear mounting
OVERVOLTAGE CATEGORY	III
CONTROL CIRCUIT RELIABILITY	1 failure per 100,000 switching operations statistically determined, at

	24 V DC, 10 mA)
DEGREE OF PROTECTION (FRONT SIDE)	IP00 NEMA Other
NUMBER OF CONTACTS	5
SUITABLE FOR	Intermediate mounting Ground mounting Front mounting
NUMBER OF CONTACT UNITS	3
FRONT SHIELD SIZE	48x48 mm
NUMBER OF SWITCH POSITIONS	6
RATED OPERATING VOLTAGE (UE) AT AC - MAX	690 V
SHORT-CIRCUIT PROTECTION RATING	20 A gG/gL, Fuse, Contacts
DESIGN	8243

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