



Eaton 215353

Eaton Moeller® series TM Control circuit switches, TM, 10 A, flush mounting, Contacts: 4, STOP function, With black rotary handle and locking ring, Lockable in the 0 (Off) position



PRODUCT NAME	Eaton Moeller® series TM Accessory Control circuit isolator
CATALOG NUMBER	215353
PRODUCT LENGTH/DEPTH	89 mm
PRODUCT HEIGHT	48 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.061 kg
CERTIFICATIONS	CE IEC/EN 60947 VDE 0660 CSA-C22.2 No. 14-05 IEC/EN 60947-5-1 UL 508 UL Category Control No.: NLRV CSA UL File No.: E36332 UL report applies to both US and Canada Certified by UL for use in Canada UL CSA-C22.2 No. 94 IEC/EN 60947-3
CATALOG NOTES	up to 250 V AC per contact



Powering Business Worldwide

TYPE	Control circuit switch
PRODUCT CATEGORY	Control switches
FEATURES	Version as main switch
ACTUATOR COLOR	Black
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	Does not apply, since the

DECLARATIONS OF CONFORMITY	eaton-step-switch-declaration-of-conformity-uk251335en.pdf
□□□□□	IL03801028Z
□□□	eaton-rotary-switches-switch-dmm-switch-disconnector-wiring-diagram.eps
□□	eaton-rotary-switches-control-tm-accessory-dimensions-002.eps eaton-rotary-switches-mounting-tm-accessory-dimensions.eps eaton-general-padlock-tm-accessory-dimensions.eps eaton-rotary-switches-control-tm-accessory-symbol.eps

PROTECTION OF ASSEMBLIES	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.
FITTED WITH:	Black rotary handle and locking ring
OPERATING FREQUENCY	1200 Operations/h
POLLUTION DEGREE	3
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4000 V AC
RATED PERMANENT CURRENT AT AC-23, 400 V	6.6 A
RATED UNINTERRUPTED CURRENT (IU)	10 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
SWITCHING ANGLE	90 °
DEVICE CONSTRUCTION	Built-in device fixed built-in technique
ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT	Screw connection
DESIGN	8293
MOUNTING POSITION	As required
ACTUATOR TYPE	Door coupling rotary drive

AMBIENT OPERATING TEMPERATURE - MAX	50 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
ASSIGNED MOTOR POWER AT 115/120 V, 60 HZ, 1-PHASE	0.33 HP
ASSIGNED MOTOR POWER AT 115/120 V, 60 HZ, 3-PHASE	0.75 HP
ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 1-PHASE	0.75 HP
ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 3-PHASE	1 HP
ASSIGNED MOTOR POWER AT 277 V, 60 HZ, 1-PHASE	0.75 HP
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0.15 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0.15 W
NUMBER OF AUXILIARY CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	0
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)	IP65
NUMBER OF POLES	4
MOUNTING METHOD	Flush mounting
DEGREE OF PROTECTION	NEMA 12
SUITABLE FOR	Front mounting 4-hole
LOCKING FACILITY	Lockable in the 0 (Off) position
FUNCTIONS	STOP function Interlockable
NUMBER OF SWITCHES	1
SCREW SIZE	M2.5, Terminal screw

LIFESPAN, MECHANICAL	1,000,000 Operations
SWITCHING CAPACITY (AUXILIARY CONTACTS, GENERAL USE)	10A, IU, (UL/CSA)
SWITCHING CAPACITY (AUXILIARY CONTACTS, PILOT DUTY)	A300 (UL/CSA)
TERMINAL CAPACITY	14 AWG, solid or flexible with ferrule 1 x 1.0 mm ² , flexible with ferrules to DIN 46228 2 x 1.5 mm ² , flexible 2 x 1.0 mm ² , flexible with ferrules to DIN 46228 1 x 1.5 mm ² , solid or stranded 2 x 1,5 mm ² , solid or stranded 1 x 1.5 mm ² , flexible
SWITCHING CAPACITY (MAIN CONTACTS, GENERAL USE)	10 A, Rated uninterrupted current max. (UL/CSA)
NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)	0
NUMBER OF CONTACT UNITS	2
RATED OPERATING VOLTAGE (UE) - MAX	500 V
RATED OPERATING VOLTAGE (UE) - MIN	500 V
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	500 V
SHORT-CIRCUIT PROTECTION RATING	10 A gG/gL, Fuse, Contacts
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	10 A
RATED OPERATIONAL POWER AT AC-23A, 400 V, 50 HZ	3 kW
TIGHTENING TORQUE	0.4 Nm, Screw terminals 3.5 lb-in, Screw terminals
UNINTERRUPTED CURRENT	Rated uninterrupted current I _u is specified for max. cross-section.
RATED SWITCHING CAPACITY	0.33 HP at 120 V AC, single-phase 0.75 HP at 120 V AC, three-phase 0.75 HP at 240 V AC, single-phase 0.75 HP at 277 V AC,

