## Specifications

Photo is representative

## Eaton 011516

Eaton Moeller® series T0 Step switches, T0, 20 A, flush mounting, 2 contact unit(s), Contacts: 3, 45°, maintained, Without 0 (Off) position, 1-3, Design number 177

General specification	ons
PRODUCT NAME	Eaton Moeller® series T0 Step switch
CATALOG NUMBER	011516
EAN	4015080115168
PRODUCT LENGTH/DEPTH	86 mm
PRODUCT HEIGHT	48 mm
PRODUCT WIDTH	48 mm
PRODUCT WEIGHT	0.108 kg
CERTIFICATIONS	CSA File No.: 012528 CSA-C22.2 No. 94 VDE 0660 UL UL Category Control No.: NLRV IEC/EN 60204 CSA Class No.: 3211-05 CE IEC/EN 60947 CSA-C22.2 No. 60947-4-1- 14 IEC/EN 60947-3 CSA UL File No.: E36332 UL 60947-4-1
CATALOG NOTES	Rated Short-time Withstand Current (Icw) for a time of 1 second
MODEL CODE	T0-2-177/E



Features & Functions	
FITTED WITH:	Black thumb grip and front plate
INSCRIPTION	1-3
NUMBER OF POLES	Single-pole

DEGREE OF PROTECTION IP65 NEMA 12 IP65 NEMA 12  LIFESPAN, MECHANICAL MOUNTING METHOD Flush mounting MOUNTING POSITION NUMBER OF CONTACT UNITS OPERATING FREQUENCY OVERVOLTAGE CATEGORY FOLLUTION DEGREE PRODUCT CATEGORY RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  SAFE ISOLATION SAFETY PARAMETER (EN ISO 13849-1) SHOCK RESISTANCE  NEMA 12 IP65 NEMA 1	DEGREE OF PROTECTION IP65 NEM/ DEGREE OF PROTECTION (FRONT SIDE) NEM/ LIFESPAN, MECHANICAL 400,0 MOUNTING METHOD Flush MOUNTING POSITION As red NUMBER OF CONTACT UNITS  OPERATING FREQUENCY 1200  OVERVOLTAGE CATEGORY CONTENT POLLUTION DEGREE 3  PRODUCT CATEGORY CONTENT RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  SAFE ISOLATION CONTACT (UIMP)  SAFETY PARAMETER (EN B10d 13849-1) 15 g, Accord 60068 sinus  Brance Brance (Branch 15 g, Accord 60068 sinus  Brance Brance (Branch 15 g, Accord 60068 sinus  Brance (Branch 15 g, Accord 60068 sinus)	\1
(FRONT SIDE)NEMA 12LIFESPAN, MECHANICAL400,000 OperationsMOUNTING METHODFlush mountingMOUNTING POSITIONAs requiredNUMBER OF CONTACT UNITS2OPERATING FREQUENCY1200 Operations/hOVERVOLTAGE CATEGORYIIIPOLLUTION DEGREE3PRODUCT CATEGORYControl switchesRATED IMPULSE WITHSTAND VOLTAGE (UIMP)6000 V ACSAFE ISOLATION440 V AC, Between the contacts, According to EN 61140SAFETY PARAMETER (EN ISO 13849-1)B10d values as per EN ISO 13849-1, table C.1SHOCK RESISTANCE15 g, Mechanical, According to IEC/EN 60068-2-27, Half- sinusoidal shock 20 msSUITABLE FORBranch circuits, suitable as motor disconnect, (UL/CSA)	LIFESPAN, MECHANICAL 400,0  MOUNTING METHOD Flush MOUNTING POSITION As red  NUMBER OF CONTACT UNITS 2  OPERATING FREQUENCY 1200  OVERVOLTAGE CATEGORY III  POLLUTION DEGREE 3  PRODUCT CATEGORY Contr  RATED IMPULSE WITHSTAND VOLTAGE (UIMP) 440 V  SAFE ISOLATION 61140  SAFETY PARAMETER (EN B10d ISO 13849-1) 13849  SHOCK RESISTANCE 60068 Sinus  Brance	\ 12
MOUNTING METHOD  MOUNTING POSITION  As required  NUMBER OF CONTACT UNITS  OPERATING FREQUENCY  OVERVOLTAGE CATEGORY  POLLUTION DEGREE  RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  SAFE ISOLATION  SAFETY PARAMETER (EN ISO 13849-1)  SHOCK RESISTANCE  Branch circuits, suitable as motor disconnect, (UL/CSA)  Plush mounting  As required  As required  As required  As required  As required  As required  And V AC Detrois Mitches  Blud VAC  Batween the contacts, According to EN 61140  SAFETY PARAMETER (EN ISO 13849-1, table C.1  Branch circuits, suitable as motor disconnect, (UL/CSA)	MOUNTING METHOD  MOUNTING POSITION  As red  NUMBER OF CONTACT UNITS  OPERATING FREQUENCY  OVERVOLTAGE CATEGORY  POLLUTION DEGREE  3  PRODUCT CATEGORY  Contr  RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  SAFE ISOLATION  SAFETY PARAMETER (EN B10d 13849-1)  SHOCK RESISTANCE  Brance  Brance	
MOUNTING POSITION  NUMBER OF CONTACT UNITS  OPERATING FREQUENCY  1200 Operations/h  OVERVOLTAGE CATEGORY  III  POLLUTION DEGREE  RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  SAFE ISOLATION  SAFE ISOLATION  SAFETY PARAMETER (EN ISO 13849-1)  SHOCK RESISTANCE  B10d values as per EN ISO 13849-1, table C.1  15 g, Mechanical, According to IEC/EN 60068-2-27, Halfsinusoidal shock 20 ms  Branch circuits, suitable as motor disconnect, (UL/CSA)	MOUNTING POSITION  NUMBER OF CONTACT UNITS  OPERATING FREQUENCY  OVERVOLTAGE CATEGORY  POLLUTION DEGREE  PRODUCT CATEGORY  RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  SAFE ISOLATION  SAFE ISOLATION  SAFETY PARAMETER (EN B10d 13849-1)  SHOCK RESISTANCE  Brance  Brance	00 Operations
NUMBER OF CONTACT UNITS  OPERATING FREQUENCY  1200 Operations/h  OVERVOLTAGE CATEGORY  III  POLLUTION DEGREE  3  PRODUCT CATEGORY  Control switches  RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  SAFE ISOLATION  SAFETY PARAMETER (EN ISO 13849-1)  SHOCK RESISTANCE  SHOCK RESISTANCE  B10d values as per EN ISO 13849-1, table C.1  15 g, Mechanical, According to IEC/EN 60068-2-27, Halfsinusoidal shock 20 ms  Branch circuits, suitable as motor disconnect, (UL/CSA)	NUMBER OF CONTACT UNITS  OPERATING FREQUENCY  OVERVOLTAGE CATEGORY  POLLUTION DEGREE  3  PRODUCT CATEGORY  Control RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  SAFE ISOLATION  SAFETY PARAMETER (EN B10d 13849-1)  SHOCK RESISTANCE  OPERATION  15 g, Accord 60068 sinus  Brance	mounting
OPERATING FREQUENCY  OVERVOLTAGE CATEGORY  POLLUTION DEGREE  PRODUCT CATEGORY  RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  SAFE ISOLATION  SAFETY PARAMETER (EN ISO 13849-1)  SHOCK RESISTANCE  PRODUCT CATEGORY  Control switches  6000 V AC  440 V AC, Between the contacts, According to EN 61140  B10d values as per EN ISO 13849-1, table C.1  15 g, Mechanical, According to IEC/EN 60068-2-27, Halfsinusoidal shock 20 ms  Branch circuits, suitable as motor disconnect, (UL/CSA)	OPERATING FREQUENCY 1200  OVERVOLTAGE CATEGORY  POLLUTION DEGREE 3  PRODUCT CATEGORY Contr  RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  SAFE ISOLATION conta 61140  SAFETY PARAMETER (EN B10d ISO 13849-1) 15 g, Accord 60068 sinus  Brance	quired
OVERVOLTAGE CATEGORY  POLLUTION DEGREE 3  PRODUCT CATEGORY Control switches  RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  SAFE ISOLATION 440 V AC, Between the contacts, According to EN 61140  SAFETY PARAMETER (EN ISO 13849-1) B10d values as per EN ISO 13849-1, table C.1  SHOCK RESISTANCE 15 g, Mechanical, According to IEC/EN 60068-2-27, Halfsinusoidal shock 20 ms  Branch circuits, suitable as motor disconnect, (UL/CSA)	OVERVOLTAGE CATEGORY  POLLUTION DEGREE  3  PRODUCT CATEGORY  Contraction  RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  SAFE ISOLATION  SAFETY PARAMETER (EN B10d 13849-1)  SHOCK RESISTANCE  OVERVOLTAGE  440 V CONTRACTION  15 g, According 60068 sinus  Brance	
POLLUTION DEGREE  PRODUCT CATEGORY  RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  SAFE ISOLATION  SAFETY PARAMETER (EN ISO 13849-1)  SHOCK RESISTANCE  B10d values as per EN ISO 13849-1, table C.1  15 g, Mechanical, According to IEC/EN 60068-2-27, Halfsinusoidal shock 20 ms  Branch circuits, suitable as motor disconnect, (UL/CSA)	POLLUTION DEGREE 3  PRODUCT CATEGORY Control  RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  SAFE ISOLATION CONTROL  SAFETY PARAMETER (EN B10d ISO 13849-1) 13849  SHOCK RESISTANCE 60068 Sinus  Brance	Operations/h
PRODUCT CATEGORY  RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  SAFE ISOLATION  SAFETY PARAMETER (EN ISO 13849-1)  SHOCK RESISTANCE  B10d values as per EN ISO 13849-1, table C.1  15 g, Mechanical, According to IEC/EN 60068-2-27, Halfsinusoidal shock 20 ms  Branch circuits, suitable as motor disconnect, (UL/CSA)	PRODUCT CATEGORY         Contr           RATED IMPULSE         6000           WITHSTAND VOLTAGE         6000           (UIMP)         440 V           SAFE ISOLATION         conta           61144         SAFETY PARAMETER (EN         B10d           ISO 13849-1)         13849           SHOCK RESISTANCE         According           60068         sinus           Brand	
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  440 V AC, Between the contacts, According to EN 61140  SAFETY PARAMETER (EN ISO 13849-1)  SHOCK RESISTANCE  B10d values as per EN ISO 13849-1, table C.1  15 g, Mechanical, According to IEC/EN 60068-2-27, Half- sinusoidal shock 20 ms  Branch circuits, suitable as motor disconnect, (UL/CSA)	RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  SAFE ISOLATION  SAFETY PARAMETER (EN ISO 13849-1)  SHOCK RESISTANCE  Brance  Brance	
WITHSTAND VOLTAGE (UIMP)  440 V AC, Between the contacts, According to EN 61140  SAFETY PARAMETER (EN ISO 13849-1)  SHOCK RESISTANCE  B10d values as per EN ISO 13849-1, table C.1  15 g, Mechanical, According to IEC/EN 60068-2-27, Halfsinusoidal shock 20 ms  Branch circuits, suitable as motor disconnect, (UL/CSA)	WITHSTAND VOLTAGE (UIMP)   440 V   5AFE ISOLATION   5AFETY PARAMETER (EN ISO 13849-1)   15 g, Accordance   Accordance	ol switches
SAFE ISOLATION  contacts, According to EN 61140  SAFETY PARAMETER (EN ISO 13849-1)  SHOCK RESISTANCE  B10d values as per EN ISO 13849-1, table C.1  15 g, Mechanical, According to IEC/EN 60068-2-27, Halfsinusoidal shock 20 ms  Branch circuits, suitable as motor disconnect, (UL/CSA)	SAFE ISOLATION         conta           61140         61140           SAFETY PARAMETER (EN ISO 13849-1)         B10d 13849           SHOCK RESISTANCE         15 g, Accor 60068 sinus           Brand         Brand	V AC
SHOCK RESISTANCE  15 g, Mechanical, According to IEC/EN 60068-2-27, Half- sinusoidal shock 20 ms  Branch circuits, suitable as motor disconnect, (UL/CSA)	ISO 13849-1)       13849         SHOCK RESISTANCE       Accordance         60068 sinus       Brand	cts, According to EN
SHOCK RESISTANCE  According to IEC/EN 60068-2-27, Half- sinusoidal shock 20 ms  Branch circuits, suitable as motor disconnect, (UL/CSA)	SHOCK RESISTANCE  Accor 60068 sinus  Brance	•
SUITABLE FOR motor disconnect, (UL/CSA)		ding to IEC/EN
Front mounting	SUITABLE FOR (UL/C	
SWITCHING ANGLE 45 °	<b>SWITCHING ANGLE</b> 45 °	h circuits, suitable as disconnect,
	TYPE Step :	h circuits, suitable as disconnect,

Climatic environmental conditions	
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT OPERATING TEMPERATURE - MAX	50 °C
AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN	-25 °C
AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX	40 °C
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78

Terminal capacities	
TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)	2 x (0.75 - 2.5) mm <sup>2</sup> , ferrules to DIN 46228 1 x (0.75 - 2.5) mm <sup>2</sup> , ferrules to DIN 46228
TERMINAL CAPACITY (SOLID/FLEXIBLE WITH FERRULE AWG)	18 - 14
TERMINAL CAPACITY (SOLID/STRANDED)	1 x (1 - 2.5) mm <sup>2</sup> 2 x (1 - 2.5) mm <sup>2</sup>
SCREW SIZE	M3.5, Terminal screw
TIGHTENING TORQUE	1 Nm, Screw terminals 8.8 lb-in, Screw terminals

Electrical rating	
RATED BREAKING CAPACITY AT 220/230 V (COS PHI TO IEC 60947-3)	100 A
RATED BREAKING CAPACITY AT 400/415 V (COS PHI TO IEC 60947-3)	110 A
RATED BREAKING CAPACITY AT 500 V (COS PHI TO IEC 60947-3)	80 A
RATED BREAKING CAPACITY AT 660/690 V (COS PHI TO IEC 60947-3)	60 A
RATED OPERATING VOLTAGE (UE) AT AC - MAX	690 V
RATED OPERATIONAL CURRENT (IE) AT AC-3, 220 V, 230 V, 240 V	11.5 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V	11.5 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 500 V	9 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V	4.9 A
RATED OPERATIONAL CURRENT (IE) AT AC-21, 440 V	20 A
RATED OPERATIONAL CURRENT (IE) AT AC-23A, 230 V	13.3 A
RATED OPERATIONAL CURRENT (IE) AT AC-23A, 400 V, 415 V	13.3 A
RATED OPERATIONAL CURRENT (IE) AT AC-23A, 500 V	13.3 A
RATED OPERATIONAL CURRENT (IE) AT AC-23A, 690 V	7.6 A
RATED OPERATIONAL CURRENT (IE) AT DC-1, LOAD-BREAK SWITCHES L/R = 1 MS	10 A
RATED OPERATIONAL CURRENT (IE) AT DC-13,	10 A

**CONTROL SWITCHES L/R** 

## Short-circuit rating **RATED CONDITIONAL** SHORT-CIRCUIT CURRENT 6 kA (IQ) **RATED SHORT-TIME** WITHSTAND CURRENT 320 A, Contacts, 1 second (ICW) 50A, max. Fuse, SCCR **SHORT-CIRCUIT CURRENT** (UL/CSA) RATING (BASIC RATING) 5 kA, SCCR (UL/CSA) 10 kA, SCCR (UL/CSA) **SHORT-CIRCUIT CURRENT** 20 A, Class J, max. Fuse, **RATING (HIGH FAULT)** SCCR (UL/CSA) **SHORT-CIRCUIT** 20 A gG/gL, Fuse, Contacts **PROTECTION RATING**

RATED OPERATIONAL CURRENT (IE) AT DC-21, 1 A 240 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 10 A 24 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 10 A 48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 10 A 60 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 5 A 120 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 5 A 240 V  RATED OPERATIONAL
CURRENT (IE) AT DC-23A, 10 A 24 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 10 A 48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 10 A 60 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 5 A 120 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 5 A 240 V
CURRENT (IE) AT DC-23A, 10 A 48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 10 A 60 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 5 A 120 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 5 A 240 V
CURRENT (IE) AT DC-23A, 10 A 60 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 5 A 120 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 5 A 240 V
CURRENT (IE) AT DC-23A, 5 A 120 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 5 A 240 V
CURRENT (IE) AT DC-23A, 5 A 240 V
RATED OPERATIONAL
CURRENT (IE) STAR- 20 A DELTA AT AC-3, 230 V
RATED OPERATIONAL CURRENT (IE) STAR- DELTA AT AC-3, 400 V
RATED OPERATIONAL CURRENT (IE) STAR- DELTA AT AC-3, 500 V
RATED OPERATIONAL CURRENT (IE) STAR- DELTA AT AC-3, 690 V
RATED OPERATIONAL POWER AT AC-3, 415 V, 50 5.5 kW HZ
RATED OPERATIONAL POWER AT AC-3, 690 V, 50 4 kW HZ
POWER AT AC-23A, 3 kW 220/230 V, 50 HZ
RATED OPERATIONAL POWER AT AC-23A, 400 V, 5.5 kW 50 HZ
RATED OPERATIONAL POWER AT AC-23A, 500 V, 7.5 kW 50 HZ
RATED OPERATIONAL POWER AT AC-23A, 690 V, 5.5 kW 50 HZ

POWER STAR-DELTA AT 220/230 V, 50 HZ	
RATED OPERATIONAL POWER STAR-DELTA AT 380/400 V, 50 HZ	7.5 kW
RATED OPERATIONAL POWER STAR-DELTA AT 500 V, 50 HZ	7.5 kW
RATED OPERATIONAL POWER STAR-DELTA AT 690 V, 50 HZ	5.5 kW
RATED UNINTERRUPTED CURRENT (IU)	20 A
UNINTERRUPTED CURRENT	Rated uninterrupted current lu is specified for max. cross-section.

Switching capacity	
LOAD RATING	$1.6 \times l_e$ (with intermittent operation class 12, 40 % duty factor) $1.3 \times l_e$ (with intermittent operation class 12, 60 % duty factor) $2 \times l_e$ (with intermittent operation class 12, 25 % duty factor)
NUMBER OF CONTACTS IN SERIES AT DC-21A, 240 V	1
NUMBER OF CONTACTS IN SERIES AT DC-23A, 24 V	1
NUMBER OF CONTACTS IN SERIES AT DC-23A, 48 V	2
NUMBER OF CONTACTS IN SERIES AT DC-23A, 60 V	3
NUMBER OF CONTACTS IN SERIES AT DC-23A, 120 V	3
NUMBER OF CONTACTS IN SERIES AT DC-23A, 240 V	5
SWITCHING CAPACITY (MAIN CONTACTS, GENERAL USE)	16 A, Rated uninterrupted current max. (UL/CSA)
SWITCHING CAPACITY (AUXILIARY CONTACTS, GENERAL USE)	10A, IU, (UL/CSA)
SWITCHING CAPACITY (AUXILIARY CONTACTS, PILOT DUTY)	A600 (UL/CSA) P300 (UL/CSA)
RATED MAKING CAPACITY UP TO 690 V (COS PHI TO IEC/EN 60947-3)	130 A
VOLTAGE PER CONTACT PAIR IN SERIES	60 V

Motor rating	
ASSIGNED MOTOR POWER AT 115/120 V, 60 HZ, 1-PHASE	0.5 HP
ASSIGNED MOTOR POWER AT 200/208 V, 60 HZ, 1-PHASE	1 HP
ASSIGNED MOTOR POWER AT 200/208 V, 60 HZ, 3-PHASE	3 HP
ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 1-PHASE	1.5 HP
ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 3-PHASE	3 HP
ASSIGNED MOTOR POWER AT 460/480 V, 60 HZ, 3-PHASE	7.5 HP
ASSIGNED MOTOR POWER AT 575/600 V, 60 HZ, 3-PHASE	7.5 HP

Contacts	
CONTROL CIRCUIT RELIABILITY	1 failure per 100,000 switching operations statistically determined, at 24 V DC, 10 mA)
NUMBER OF CONTACTS	3

**PAIR IN SERIES** 

Actuator	
ACTUATOR FUNCTION	Without 0 (Off) position Maintained
ACTUATOR TYPE	Toggle
NUMBER OF SWITCH POSITIONS	3

Design verification	
EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT- DEPENDENT PVID	0.6 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	20 A
STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS	0 W
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.
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	ls the panel builder's responsibility.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
10.9.2 POWER- FREQUENCY ELECTRIC STRENGTH	ls 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	ls 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.

Resources	
BROCHURES	Brochure - T Rotary Cam switch and P Switch- disconnector
CATALOGUES	P Switch-disconnectors and T Rotary cam switches catalogue CA042001EN
DECLARATIONS OF CONFORMITY	DA-DC-00004895.pdf DA-DC-00004927.pdf
DRAWINGS	eaton-rotary-switches-mounting-t0-step-switch- dimensions-025.eps

	eaton-rotary-switches-front-plate-t0-step-switch-symbol-013.eps  eaton-general-rotary-switch-t0-step-switch-symbol-002.eps
ECAD MODEL	eaton-t0-step-switch-eplan-011516.edz
INSTALLATION INSTRUCTIONS	<u>IL03801020Z</u>
INSTALLATION VIDEOS	Eaton's P Switch-disconnectors used in a factory
MCAD MODEL	DA-CD-t0 2 e DA-CS-t0 2 e
PRODUCT	MZ008006ZU Orderform Customized Switch.pdf
NOTIFICATIONS	MZ008005ZU_Orderform_Customized_Switch.pdf
WIRING DIAGRAMS	eaton-rotary-switches-t0-step-switch-wiring-diagram-191.eps  eaton-rotary-switches-t0-step-switch-wiring-diagram-192.eps

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	



**Eaton Corporation plc** 

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

© 2025 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.









