## **DATASHEET - T0-1-8201/E**

ON-OFF switches, T0, 20 A, flush mounting, 1 contact unit(s), Contacts: 2, 60 °, maintained, With 0 (Off) position, 0-1, Design number 8201

009476



Part no. T0-1-8201/E

Product mane   Imake Meeters to Die off soach     Parton   Imake Meeters to Die off soach     Parton   Imake Meeters to Die off soach     Product langth Gegin   Paralimites     Product langth Gegin   Paralimites     Product valdh   Imake Meeters to Die off soach     Product valdh   Imake Meeters     Product Tadatame   Imake Meeters <t< th=""><th>General specifications</th><th></th></t<>	General specifications	
EAN   401 500054198     Poduct tegin(Tegin)   401 interacts     Poduct Tealconne   401 interacts     Poduct Tealconne   70     Poduct Tealconne   70 <t< td=""><td>Product name</td><td>Eaton Moeller® series T0 On-Off switch</td></t<>	Product name	Eaton Moeller® series T0 On-Off switch
Product InaghtBaghh       Image Product InaghtBaghh         Product Tradenam       Image Product InaghtBaghh	Part no.	T0-1-8201/E
Product heads:     6 millines:       Product words     6 millines:       Product heads     6 millines:       Product heads     6 millines:       Product heads     0 millines:	EAN	4015080094760
Product width     48 millimere       Product weight     LBB klogum       Contractions     LBB klogum       Contractions     Use provide the second seco	Product Length/Depth	76 millimetre
Product weight   0483 blagum     Cortifications   UL     Cortifications   UL     UL   Cortifications     UL   Cortifications     UL   Cortifications     UL   Corpeop Cortifications     UL   Corpeop Cortifications     UL   Corpeop Cortifications     Product Trademane   Corpeop Cortifications     Product Trademane   Do-Off socials     Frand volts:   Bate Stort dram Withstand Current (Low) for a time of 1 second     Social Information   Do-Off socials     Degree of protocolon (from side)   Do-Off socials     Mounting method   Do-Off socials     Mounting method   Do-Off socials     Mounting method   Interproto     Mounting method   Social So	Product height	48 millimetre
Centifications     Image: Control Note: NURV       Vic Ensory Control Not: NURV     USE Status       Vic Ensory Control Not: NURV     USE Status       Vic Ensory Control Not: NURV     USE Status       Product Tradiname     To       Product Tradiname     To <td>Product width</td> <td>48 millimetre</td>	Product width	48 millimetre
Poduct Trademane     70       Poduct Ange <td>Product weight</td> <td>0.083 kilogram</td>	Product weight	0.083 kilogram
Product Type     Image: Product Type     On-Off switch       Product Sub Type     None       Catalog Noiss     Rated Short-time Withstand Current (lew) for a time of 1 second       Features & Functions     Image: Product Sub Type       Fitted with:     Image: Product Sub Type       Inscription     Image: Product Sub Type       Inscription     Image: Product Sub Type       Inscription     Image: Product Sub Type       Bages of protection     Image: Product Sub Type       Degree of protection (If ront side)     Image: Product Sub Type       Infegration     Image: Product Sub Type       Mounting method     Image: Product Sub Type       Number of contact units     Image: Product Sub Type       Operation of grote category     Image: Product Category       Number of contact units     Image: Product Category       Number of contact units     Image: Product Category       Product Category     Image: Product Category       Rated Impulse withstand Voltage (Uimp)     Image: Product Category       Safety parameter (EN ISO 1384-1)     Image: Product Category       Safety parameter (EN ISO 1384-1)     Image: Product Prod		IEC/EN 60204 VDE 0660 UL Category Control No.: NLRV UL 60947-4-1 CSA CSA-C22.2 No. 60947-4-1-14 IEC/EN 60947-3 CSA-C22.2 No. 94 CSA File No.: 012528 CE IEC/EN 60947 CSA Class No.: 3211-05 UL File No.: E36332
Product Sub Type     None       Catalog Notes     Rated Short-time Withstand Current (icw) for a time of 1 second       Fatures & Functions     Image: Status and Current (icw) for a time of 1 second       Fitted with:     Image: Status and Current (icw) for a time of 1 second       Inscription     Image: Status and Foot plate       Inscription     0-1       Number of poles     0-1       General information     Image: Status and Foot plate       Degree of protection (front side)     Image: Status and Foot plate       Degree of protection (front side)     Image: Status and Foot plate       Mounting method     Image: Status and Foot plate       Mounting position     Image: Status and Foot plate       Number of contact units     Image: Status and Foot plate       Mounting position     Image: Status and Foot plate       Number of contact units     Image: Status and Foot plate       Overvoltage category     Image: Status and Foot plate       Politicin degree     Image: Status and Foot plate       Politicin degree     Image: Status and Foot plate       Status grameter (Fit ISO 13849-1)     Image: Status and Foot plate       Status grameter (Fit ISO 13849-1)     Image: Status and Foot plates and foot plate and foot plate		
Catalog Notes     Rated Short-time Withstand Current (low) for a time of 1 second       Features & Functions     0 (off) position Black thum grip and front plate       Inscription     0 (off) position Black thum grip and front plate       Inscription     Two-pole       Baree of protection     WEMA 1 NEMA 12 IPP65       Degree of protection (front side)     MEMA 12 IPP65       Degree of protection (front side)     MEMA 12 IPP65       Degree of protection (front side)     MEMA 12 IPP65       Mounting method     MEMA 12 IPP65       Operating frequency     Mounting       Operating frequency     10       Operations/h     1200 Operations/h       Overvoltage category     III       Pollution degree     3       Product category     Mounting solutions       Safe isolation     Mounting to Silo (AC & Between the contacts, According to EN SI140       Safe isolation     Safe isolation       Safe isolation     ISO (AC & Between the contacts, According to EX SI & Siloson (U/CSA)       Safe isolation     ISO (AC & Between the contacts, According to EX SI & Siloson (U/CSA)       Safe isolation     ISO (AC & Between the contacts, According to EX SI & Siloson (U/CSA)       Safe isolation     ISO (AC & Between the contacts, A		
Features & Functions     Image: Section (Inference)     D (off) position Biack thum spip and front plate       Inscription     0     0       Number of poles     0     0       General information     Mode: Section     NEMA 1       Degree of protection     NEMA 1     NEMA 12       Degree of protection (Ifront side)     NEMA 12     NEMA 12       Lifespan, mechanical     Mounting method     400,000 Operations       Mounting method     Mounting     As required       Number of contact units     1     NemA 12       Operating frequency     1200 Operations/h     1       Overroltage category     11     1200 Operations/h       Overroltage category     11     1       Pollution degree     3     3       Product category     6000 V AC     6000 V AC       Safety sammeter (EN ISO 13849-1)     51140     51140       Safety sammeter (EN ISO 13849-1)     5130 Avecording to EN 61140     5130 Avecording to EX (INCSA)       Suitable for     15 g. Mechanical, According to EX (INCSA)     510 Avalues as per EN ISO 13849-1, table C.1       Shock resistance     510 Avalues as per EN ISO 13849-1, table C.1     513 Avactording to EX (INCSA)		
Fitted with:   0 (df) position Black thumb grip and front plate     Inscription   0-1     Number of poles   0     General information   Image: Second		Rated Short-time Withstand Current (Icw) for a time of 1 second
Inscription       Black thumb grip and front plate         Inscription       0-1         Number of poles       Two-pole         General information       Two-pole         Degree of protection       NEMA 1 NEMA 1 NEMA 1 NEMA 2 Pogree of protection (front side)       PB5 NEMA 12         Degree of protection (front side)       PB5 NEMA 12       PB5 NEMA 12         Mounting method       PB5 NEMA 12       PB5 NEMA 12         Mounting position       PB6 NEMA 12       PB6 NEMA 12         Mounting position       PB6 NEMA 12       PB6 NEMA 12         Operating frequency       PB6 NEMA 12       PB6 NEMA 12         Overvotage category       PB6 NEMA 12       PB6 NEMA 12         Product category       III       PB0 NEMA 12       PB0 NEMA 12         Product category       STO Parations/h       STO Parations/h         Product category       III       STO Parations/h       STO Parations/h         Safety parameter (EN ISO 13849-1)       STO Parations/h       STO Parations/h         Safety parameter (EN ISO 13849-1)       STO Parations/h       STO Parations/h         Safety parameter (EN ISO 13849-1)       STO Parations/h       STO Parations/h         Safety parameter (EN ISO 13849-1)	Features & Functions	
Number of poles       Two-pole         General information       Two-pole         Degree of protection       NEMA 1 NEMA 12 NEMA 12         Degree of protection (front side)       NEMA 12         Degree of protection (front side)       P85         Degree of protection (front side)       P85         Number of contact units       P85         Mounting method       P85         Number of contact units       P85         Operations (frequency)       P85         Overvoltage category       III         Poduct category       III         Rated impulse withstand voltage (Uimp)       Generation (Strong in Strong in Stron	Fitted with:	
General information     Main and the second	Inscription	0-1
Degree of protection     NEMA 1       Degree of protection (front side)     PE6       Degree of protection (front side)     PE6       Lifespan, mechanical     400,000 Operations       Mounting method     Fush mounting       Mounting position     Kerna 12       Number of contact units     As required       Operating frequency     1       Overvoltage category     III       Pollution degree     3       Product category     6000 VAC       Safe isolation     6000 VAC, Between the contacts, According to EN 61140       Safet isolation     B10d values as per EN ISO 13849-1)       Suitable for     Safet isolation       Switching angle     60°*       Type     ON-OFF switch       Climatic environmental conditions     60°*	Number of poles	Two-pole
NEMA 12 IPB5         Degree of protection (front side)       PB5 NEMA 12         Lifespan, mechanical       400,000 Operations         Mounting method       400,000 Operations         Mounting method       As required         Number of contact units       1         Operating frequency       1200 Operations/h         Overvoltage category       III         Pollution degree       3         Product category       6000 V AC         Safe isolation       400 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       515, Mechanical, According to EC/EN 6008-2-27, Half-sinusoidal shock 20 ms         Suitable for       Front mounting         Type       0^0 °         Outschild as as per EN ISO 13849-1, table C.1         Stock resistance       515, Mechanical, According to EC/EN 6008-2-27, Half-sinusoidal shock 20 ms         Switching angle       60 °         Type       0.0-OFF switch         Climatic environmental conditions       Other site on the contact of the contact on the contact of the contact on the c	General information	
IterationNEMA 12Lifespan, mechanical400,000 OperationsMounting methodFlush mountingMounting positionAs requiredNumber of contact units1Operating frequency1200 Operations/hOvervoltage categoryIIIPollution degree3Product category6000 V ACSafe isolation5000 V ACSafe isolation1000 V ACSafe isolation1000 V ACSafe isolation1100 V ACSutable for15 g, Mechanical, According to EK) 61140Suitching angle600°Type00-OFF switchClimatic environmental conditions6000 V AC	Degree of protection	NEMA 12
Mounting methodFush mountingMounting positionAs requiredNumber of contact units1Operating frequency1200 Operations/hOvervoltage categoryIIIPollution degree3Product categoryControl switchesRated impulse withstand voltage (Uimp)6000 V ACSafe isolationHold Y AC, Between the contacts, According to EN 61140Safety parameter (EN ISD 13849-1)B10d values as per EN ISD 13849-1, table C.1Shock resistanceIs g, Mechanical, According to IEC/EN 60082-227, Half-sinusoidal shock 20 msSwitching angle60°Type0N-OFF switchClimatic environmental conditionsIs Gettered	Degree of protection (front side)	
Mounting position     As required       Number of contact units     1       Operating frequency     1200 Operations/h       Overvoltage category     III       Pollution degree     3       Product category     Control switches       Rated impulse withstand voltage (Uimp)     6000 V AC       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     5.9 Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms       Switching angle     60°       Type     ON-OFF switch       Climatic environmental conditions     Conter switchen	Lifespan, mechanical	400,000 Operations
Number of contact units     Image: Contact units     Image: Contact units       Operating frequency     Image: Contact units     Image: Contact units       Overvoltage category     Image: Contact units     Image: Contact units       Pollution degree     Image: Control switches     Image: Control switches       Product category     Control switches     6000 V AC       Safe isolation     Image: Control switches     End of Values as per EN ISD 13849-1, table C.1       Shock resistance     Image: Control switches     End of Values as per EN ISD 13849-1, table C.1       Switching angle     Image: Contend units, suitable as motor disconnect, (UL/CSA) Front mounting       Switching angle     Image: Contend units, suitable as motor disconnect, (UL/CSA)       Type     ON-OFF switch       Clinetic environmental conditions     Image: Contact units	Mounting method	Flush mounting
Operating frequency     Identify     1200 Operations/h       Overvoltage category     III       Pollution degree     3       Product category     Control switches       Rated impulse withstand voltage (Uimp)     6000 V AC       Safe isolation     440 V AC, Between the contacts, According to EN 61140       Safety parameter (EN ISD 13849-1)     B10d values as per EN ISD 13849-1, table C.1       Shock resistance     15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms       Suitable for     Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting       Switching angle     60 °       Type     On-OFF switch       Climatic environmental conditions     Image: State of the switches	Mounting position	As required
Overvoltage category     III       Pollution degree     3       Product category     Control switches       Rated impulse withstand voltage (Uimp)     6000 V AC       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, Half-sinusoidal shock 20 ms       Suitable for     Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting       Switching angle     60 °       Type     ON-OFF switch	Number of contact units	1
Pollution degree     3       Product category     Control switches       Rated impulse withstand voltage (Uimp)     6000 V AC       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     53 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms       Suitable for     Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting       Switching angle     60 °       Type     ON-OFF switch       Climatic environmental conditions     Event Set	Operating frequency	1200 Operations/h
Product category     Control switches       Rated impulse withstand voltage (Uimp)     6000 V AC       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, Half-sinusoidal shock 20 ms       Suitable for     Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting       Switching angle     60 °       Type     ON-OFF switch       Climatic environmental conditions     Event Handle Conditions	Overvoltage category	III III
Rated impulse withstand voltage (Uimp)     6000 V AC       Safe isolation     6000 V AC       Safe isolation     440 V AC, Between the contacts, According to EN 61140       Safety parameter (EN ISO 13849-1)     E100 values as per EN ISO 13849-1, table C.1       Shock resistance     15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms       Suitable for     Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting       Switching angle     60 °       Type     60 °       Climatic environmental conditions     E100 el E100 el E100	Pollution degree	3
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, Half-sinusoidal shock 20 ms       Suitable for     Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting       Switching angle     60 °       Type     ON-OFF switch       Climatic environmental conditions     Image: Condition in the condit in the condition in the condition in the condit in the conditic	Product category	Control switches
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, Half-sinusoidal shock 20 ms       Suitable for     Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting       Switching angle     60 °       Type     ON-OFF switch       Climatic environmental conditions     Image: Condition state stat	Rated impulse withstand voltage (Uimp)	6000 V AC
Shock resistance     I5 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms       Suitable for     Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting       Switching angle     60 °       Type     ON-OFF switch       Climatic environmental conditions     Image: Condition state	Safe isolation	440 V AC, Between the contacts, According to EN 61140
Suitable for   Branch circuits, suitable as motor disconnect, (UL/CSA)     Switching angle   60 °     Type   ON-OFF switch     Climatic environmental conditions   Image: Climatic environmental condition set of the set o	Safety parameter (EN ISO 13849-1)	B10d values as per EN ISO 13849-1, table C.1
Switching angle   60 °     Type   0N-OFF switch     Climatic environmental conditions   Image: Climatic environmental condition state	Shock resistance	15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms
Type ON-OFF switch ON-OFF switch	Suitable for	
Climatic environmental conditions	Switching angle	60 °
	Туре	ON-OFF switch
Ambient operating temperature - min -25 °C	Climatic environmental conditions	
	Ambient operating temperature - min	-25 °C

	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
erminal capacities	
Terminal capacity (flexible with ferrule)	2 x (0.75 - 2.5) mm², ferrules to DIN 46228 1 x (0.75 - 2.5) mm², 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
lectrical 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 (le) 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 I/r = 1 ms	10 A
Rated operational current (Ie) at DC-13, control switches L/R = 50 ms	10 A
Rated operational current (Ie) at DC-21, 240 V	1 A
Rated operational current (le) at DC-23A, 24 V	10 A
Rated operational current (Ie) at DC-23A, 48 V	10 A
Rated operational current (le) at DC-23A, 60 V	10 A
Rated operational current (le) at DC-23A, 120 V	5 A
Rated operational current (Ie) at DC-23A, 240 V	5A
Rated operational current (Ie) star-delta at AC-3, 230 V	20 A
Rated operational current (Ie) star-delta at AC-3, 400 V	20 A
Rated operational current (Ie) star-delta at AC-3, 500 V	15.6 A
• • • • • • • • • • • • • • • • • • • •	
Rated operational current (Ie) star-delta at AC-3, 690 V	8.5 A
Rated operational power at AC-3, 415 V, 50 Hz	5.5 kW
Rated operational power at AC-3, 500 V, 50 Hz	5.5 kW
Rated operational power at AC-3, 690 V, 50 Hz	4 kW
Rated operational power at AC-23A, 220/230 V, 50 Hz	3 kW
Rated operational power at AC-23A, 400 V, 50 Hz	5.5 kW
Rated operational power at AC-23A, 500 V, 50 Hz	7.5 kW
Rated operational power at AC-23A, 690 V, 50 Hz	5.5 kW
Rated operational power star-delta at 220/230 V, 50 Hz	5.5 kW
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.

Rated short-time withstand current (Icw)	320 A, Contacts, 1 second
Short-circuit current rating (basic rating)	5 kA, SCCR (UL/CSA)
	50A, max. Fuse, SCCR (UL/CSA)
Short-circuit current rating (high fault)	10 kA, SCCR (UL/CSA) 20 A, Class J, max. Fuse, SCCR (UL/CSA)
Short-circuit protection rating	20 A gG/gL, Fuse, Contacts
Switching capacity	
Load rating	1.3 x I# (with intermittent operation class 12, 60 % duty factor) 1.6 x I# (with intermittent operation class 12, 40 % duty factor) 2 x I# (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)	P300 (UL/CSA) A600 (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
Notor 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	2
Actuator	
Actuator function	Maintained With 0 (Off) position
Actuator type	Toggle
Number of switch positions	2
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.
10.4 Clearances and cleepage distances	

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.

## **Technical data ETIM 9.0**

Low-voltage industrial components (EG000017) / Control switch (EC002611)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Control switch (ecl@ss13-27-37-14-14 [ACN998016])

Type of switch		On/Off switch
Number of poles		2
Max. rated operation voltage Ue AC	V	690
Rated permanent current lu	А	20
Number of switch positions		2
With zero (off) position		Yes
With retraction in 0-position		No
Device construction		Built-in device
Width in number of modular spacings		0
Suitable for floor mounting		No
Suitable for front mounting		Yes
Suitable for distribution board installation		No
Suitable for intermediate mounting		No
Complete device in housing		No
Type of control element		Toggle
Front shield size		48x48 mm
Degree of protection (IP), front side		IP65
Degree of protection (NEMA), front side		12