DATASHEET - T0-2-8242/E

Step switches, T0, 20 A, flush mounting, 2 contact unit(s), Contacts: 4, 45 °, maintained, With 0 (Off) position, 0-4, Design number 8242



Part no.	T0-2-8242/E
	067327
EL Number	1456318
(Norway)	

General specifications

Point mee Into Veelerbigring Til Steg social Pore me 0.04840/0 gring Til Steg social Point LenginGright 0.04800/0 Til Steg Social Pointer widet Til Steg Social 0.04800/0 Til Steg Social Pointer Widet Til Steg Social 0.04800/0 Til Steg Social Pointer Til Steg Social 0.04800/0 Til Steg Social Pointer Til Steg Social 0.04800/0 Til Steg Social Pointer Til Steg Social 0.04000/0 Til Steg Social Pointer Til Steg Social 0.040000/0 Til Steg Social Pointer Til Steg Social 0.04000000/0 Til	General specifications	
Fade 41588072273 Preduct leightQaph 641588072273 Preduct leightQaph 641588072273 Preduct leightQaph 641588072273 Preduct leightQaph 64184888 Preduct leightQaph 6418488 Preduct leightQaph 652780.54 Preduct leightQaph 652780.54 Preduct leightQaph 652780.54 Preduct leightQaph 650.62780.54 Preduct leightQaph 650.62780.54 Preduct leightQaph 650.62780.54 Preduct leightQaph 650.62780.54 Preduct leightQaph 70 Preduct	Product name	Eaton Moeller® series T0 Step switch
Product Length/Duph 8	Part no.	T0-2-8242/E
Poduct videi 4 millimere Poduct Tudeitans 4 millimere Poduct Tudeitans 4 millimere Poduct Tudeitans 4 millimere Poduct Tudeitans 100 File 2004 Feat voits 100 File 2004 Reactions 100 File 2004 Poduct Tudeitans 100 File 2004 Reactions 100 File 2004 Poduct Tudeitans 100 File 2004 Reactions 100 File 2004 Poduct Tudeitans 100 File 2004 Poduct Tudeitans	EAN	4015080673279
Preduct width 4 millimite Preduct wight 0.08 klogram Carifications 0.08 klogram Carifications 10.8 klogram Preduct Trademam 10.8 klogram Inter Trademam 10.8 klogram Preduct Trademam 10.8 klogram Inter Trademam 10.8 klogram Interad win	Product Length/Depth	86 millimetre
Product weight IB kilogram Certifications UL Chargony Control No. NLEW Product Tradename Image: Control No. NLEW Features & Functions Image: Control No. NLEW Inscription Image: Control No. NLEW Resed Structine Image: Control	Product height	48 millimetre
Product Tradename Image: Product Tradename Image: Product Tradename Image: Product Tradename Product Tradename Image: Product Tradename Image: Product Tradename Image: Product Tradename Product Tradename Image: Product Tradename Image: Product Tradename Image: Product Tradename Product Tradename Image: Product Tradename Image: Product Tradename Image: Product Tradename Product Tradename Image: Product Tradename Image: Product Tradename Image: Product Tradename Product Tradename Image: Product Tradename Image: Product Tradename Image: Product Tradename Product Tradename Image: Product Tradename Image: Product Tradename Image: Product Tradename Product Tradename Image: Product Tradename Image: Product Tradename Image: Product Tradename Product Tradename Image: Product Tradename Image: Product Tradename Image: Product Tradename Product Tradename Image: Product Tradename Image: Product Tradename Image: Product Tradename Product Tradename Image: Product Tradename Image: Product Tradename Image: Product Tradename Product Tradename Image: Product Tradename Image: Product Tradename Image: Pro	Product width	48 millimetre
Product Tradename To Product Tradename Stag switch Product Tradename Stag switch Product Tradename Stag switch Product Tradename Stag switch Product Tradename </td <td>Product weight</td> <td>0.108 kilogram</td>	Product weight	0.108 kilogram
Product Type Step switch Product Sub Type Nene Catalog Notes Rated Short-time Withstand Current (low) for a time of 1 second Features & Functions Offen position Pitted with: Global participation Inscription 0-4 Number of poles Poles General information PPS5 Degree of protection (front side) PPS5 Inscription PPS5 Mounting method PPS5 Mounting position PPS5 Poreduct category PPS5 Poreduct category PPS5 Poreduct category PPS5 Rated impulse withstand votage (Limp) PPS5 Safety parameter (EN ISO 1384-1) POIntion degree of Protection (front side) Safety parameter (EN ISO 1384-1, table C. 1 150 Methanical, According to EC/EN 00088-227, Half-sinuasidal shock 20 ans Safety parameter (EN ISO 1384-1, tab	Certifications	CSA Class No.: 3211-05 IEC/EN 60204 CSA File No.: 012528 CSA CSA-C22.2 No. 94 CSA-C22.2 No. 60947-4-1-14 UL 60947-4-1 UL File No.: E36332 IEC/EN 60947-3 IEC/EN 60947 CE UL
Product Sub Type Image: Product Sub Type None Catalog Notes 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 Degree of protection Image: Product Sub Type Degree of protection Image: Product Sub Type Degree of protection (front side) Image: Product Sub Type Mounting method Image: Product Sub Type Mounting protection Image: Product Type Mounting produt Type	Product Tradename	ТО
Catalog Noas Reted Short-time Withstand Current (lew) for a time of 1 second Fettures & Functions Image: Control Short-time Withstand Current (lew) for a time of 1 second Fitted with: Diffi position Black tumb on plate Inscription Image: Control Short-time Withstand Current (lew) for a time of 1 second Number of poles Diffi position Black tumb on plate General information Image: Control Short-time Withstand Current (lew) for a time of 1 second Degree of protection Image: Control Short-time Withstand Current (lew) for a time of 1 second Mounting method Image: Control Short-time Withstand Current (lew) for a time of 1 second Mounting method Image: Control Short-time Withstand Current (lew) for a time of 1 second Mounting method Image: Control Short-time Withstand Current (lew) for a time of 1 second Mounting method Image: Control Short-time Withstand Current (lew) for a time of 1 second Mounting method Image: Control Short-time Withstand Current (lew) for a time of 1 second Mounting method Image: Control Short-time Withstand Current (lew) for a time of 1 second Mounting method Image: Control Short-time Withstand Current (lew) for a time of 1 second short-time Withstand Current (lew) for a time of 1 second short-time Withstand Current (lew) for a time of 1 second short-time Withstand current (lew) for a time of 1 second short-time Withstand Cur	Product Type	Step switch
Fatures & Functions Image: Section in State thumb grip and front plate Inscription 0-4 Number of poles Single-pole General information Image: Section information Degree of protection (front side) Image: Section information Degree of protection (front side) Image: Section information Degree of protection (front side) Image: Section information Mounting method Image: Section information Mounting method Image: Section information Mounting position Section information Operating frequency Image: Section information Overvoltage category Image: Section information Product category Image: Section information Safe isolation Secord information information Saf	Product Sub Type	None
Fitted with: 0 (dfl position Black thumb grip and front plate Inscription 0-4 Number of poles 5 (dfl position Black thumb grip and front plate Ceneral information 6 (dfl position Black thumb grip and front plate Degree of protection 1000000000000000000000000000000000000	Catalog Notes	Rated Short-time Withstand Current (Icw) for a time of 1 second
Inscription Pack thumb grip and front plate Inscription 0-4 Number of poles General information General information Performation Degree of protection Performation Degree of protection (front side) Performation Degree of protection (front side) Performation Mounting method Performation Mounting method Performation Mounting method Performation Number of contact units Performation Operations (from side) Performation Pollution degree Performation Pollution degree Sectore (from sinches) Safets parameter (EN ISO 13849-1) Sectore (Sectore) Shock resistance Performation (Sectore) Suble for Sectore) Switching angle Sectore) Switching angle Sectore)	Features & Functions	
Number of poles Single-pole General information PBS Degree of protection PBS NEMA 1 Degree of protection (front side) PBS NEMA 1 Degree of protection (front side) PBS NEMA 1 Lifespan, mechanical PBS NEMA 1 Mounting method PBS NEMA 12 Mounting method PBS NEMA 12 Operations Flush mounting Mounting method As required Mounting position Sar equired Operating frequency 100 Operations/h Overvoltage category III Product category III Rated impulse withstand voltage (Ump) 6000 V AC Safe isolation 440 V AC, Between the contacts, According to EK/EN 60008-2:27, Half-sinusoidal shock 20 ms Safety parameter (EN ISO 13849-1) 15 g, Mechanical, According to EK/EN 60008-2:27, Half-sinusoidal shock 20 ms Switching angle Kier March Litcuits, suitable as motor disconnect, (UL/CSA) Front mounting 5000 K AC	Fitted with:	
General information P65 Degree of protection P65 Degree of protection (front side) P65 Degree of protection (front side) P65 Lifespan, mechanical P65 Mounting method P65 Mounting position Fush mounting Mounting position As required Number of contact units 2 Operating frequency 1200 Operations/h Overvoltage category III Pollution degree 3 Product category 6000 V AC Safety parameter (EN ISO 13849-1) Effect and VAC, Between the contacts, According to EN 61140 Safety parameter (EN ISO 13849-1) Frondu values as per EN ISO 13849-1, table C.1 Shock resistance Safety parameter (EN ISO 13849-1) Suitable for Frondu values as motor disconnect, (UL/CSA) Switching angle 45° Type Step switch	Inscription	0-4
Pegree of protection PP65 NEMA 1 NEMA 12 Degree of protection (front side) PP65 Lifespan, mechanical PP65 Mounting method 400,000 Operations Mounting position Fush mounting Mumber of contact units PP65 Operating frequency III Overvoltage category III Pollution degree III Rated impulse withstand voltage (Uimp) 6000 V AC Safe isolation 400 VAC, Between the contacts, According to EN 61140 Safe isolation Fig. According to IE/EN 013849-1, table C.1 Shock resistance ISI of According to IE/EN 013849-1, table C.1 Switching angle Fig. Sep switch Type Image Safe Safe Safe Safe Safe Safe Safe Saf	Number of poles	Single-pole
NEMA 1 NEMA 1 Degree of protection (front side) Model NEMA 12 Lifespan, mechanical 400,000 Operations Mounting method Flush mounting Mounting position Rate equired Number of contact units 2 Operating frequency 100 Operations/h Overvoltage category III Pollution degree 3 Product category Control switches Safet isolation 400 V AC, Between the contacts, According to EN 61140 Safet solation 400 V AC, Between the contacts, According to EN 61140 Safet parameter (EN ISO 13849-1) B10d values as per EN ISO 13849-1, table C.1 Suitable for Safet parameter, Safet parameter (EN ISO 13849-1) Suitable for Safet parameter, Saf	General information	
NEMA 12Lifespan, mechanical400,000 OperationsMounting methodFlush mountingMounting positionAs requiredNumber of contact units2Operating frequency100 Operations/hOvervoltage categoryIIIPollution degreeControl switchesRated impulse withstand voltage (Uimp)6000 V ACSafe isolation400 VAC, Between the contacts, According to EN 61140Safer parameter (EN ISO 13849-1)15 g. Mechanical, According to EN 61140Suitable forSuitable forSwitching angle5°TypeImage, San Suitable San S	Degree of protection	NEMA 1
Mounting 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 61140Shock resistance15 g. Mechanical, According to EL/EN 60068-2-27, Half-sinusoidal shock 20 msSuitable for5°TypeImpulse witchesTypeImpulse witches	Degree of protection (front side)	
Mounting positionAs requiredNumber of contact units2Operating frequency200 Operations/hOvervoltage categoryIIIPollution degree3Product categoryControl switchesRated impulse withstand voltage (Uimp)6000 V ACSafet solation440 V AC, Between the contacts, According to EN 61140Safet solation15 g, Mechanical, According to EN 61140Shock resistance5Suitable for5Switching angle40 C Between the contact disconnect, (UL/CSA) Front mountingTypeControl switches	Lifespan, mechanical	400,000 Operations
Number of contact units 2 Operating frequency 1200 Operations/h Overvoltage category III Pollution degree 3 Product category Control switches Rated impulse withstand voltage (Uimp) 6000 V AC Safet joalation 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 Suitable for Safet parameter (EN ISO 13849-1) Switching angle Franch circuits, suitable as motor disconnect, (UL/CSA) Front mounting Type Set pswitch	Mounting method	Flush mounting
Operating frequency 100 Operations/h Overvoltage category III Pollution degree 3 Product category Control switches Rated impulse withstand voltage (Uimp) 6000 V AC Safety parameter (EN ISO 13849-1) 440 V AC, Between the contacts, According to EN 61140 Shock resistance 51 do values as per EN ISO 13849-1, table C.1 Suitable for 51 do values as per CN ISO 13849-1, table C.1 Switching angle 5 or Type 600 V AC	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) 5100 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 5° Type III	Number of contact units	2
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 45 ° Type Image: Step switche St	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 Fort mounting Switching angle 45 ° Type Item suitable as motor disconnect, (UL/CSA) Type Item suitable as motor disconnect, (UL/CSA)	Overvoltage category	III.
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 Switching angle 45 ° Type Import 10 monthing	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 45 ° Type Image: Step switch	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 45 ° Type Step switch	Rated impulse withstand voltage (Uimp)	6000 V AC
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) Switching angle 45 ° Type Step switch	Safe isolation	440 V AC, Between the contacts, According to EN 61140
Suitable for Image: Switching angle Image: Switching angle<	Safety parameter (EN ISO 13849-1)	B10d values as per EN ISO 13849-1, table C.1
Switching angle Front mounting Type Image: Constraint of the sector of	Shock resistance	15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms
Type Step switch	Suitable for	
	Switching angle	45 °
Climatic environmental conditions	Туре	Step switch
	Climatic environmental conditions	

Ambient operating temperature - min	-25 °C
	50 °C
Ambient operating temperature - max	
Ambient operating temperature (enclosed) - min	-25 °C 40 °C
Ambient operating temperature (enclosed) - max	Damp heat, cyclic, to IEC 60068-2-30
Climatic proofing	Damp heat, constant, to IEC 60068-2-30
Terminal capacities	
Terminal capacity (flexible with ferrule)	2 x (0.75 - 2.5) mm ² , 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 ² 2 x (1 - 2.5) mm ²
Screw size	M3.5, Terminal screw
Tightening torque	8.8 lb-in, Screw terminals
	1 Nm, 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 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	1A
Rated operational current (Ie) at DC-23A, 24 V	10 A
Rated operational current (Ie) at DC-23A, 48 V	10 A
Rated operational current (Ie) at DC-23A, 60 V Rated operational current (Ie) at DC-23A, 120 V	10 A 5 A
Rated operational current (Ie) at DC-23A, 720 V	5A
Rated operational current (Ie) star-delta at AC-3, 230 V	20 A
Rated operational current (Ie) star-delta at AC-3, 230 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, 500 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.
Short-circuit rating	

Rated conditional short-circuit current (Ig)	6 kA
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	1.6 x I# (with intermittent operation class 12, 40 % duty factor) 1.3 x I# (with intermittent operation class 12, 60 % 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
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	4
Actuator	
Actuator function	Maintained With 0 (Off) position
Actuator type	Toggle
Number of steps	4 (45°)
Number of switch positions	5
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	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		Level switch
Number of poles		1
Max. rated operation voltage Ue AC	V	690
Rated permanent current lu	А	20
Number of switch positions		5
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