DATASHEET - T0-5-8281/E

Step switches, T0, 20 A, flush mounting, 5 contact unit(s), Contacts: 9, 45 °, maintained, With 0 (Off) position, 0-3, Design number 8281



Part no.

T0-5-8281/E 048344

Product name	Eaton Moeller® series T0 Step switch
Part no.	T0-5-8281/E
EAN	4015080483441
Product Length/Depth	114 millimetre
Product height	48 millimetre
Product width	48 millimetre
Product weight	0.147 kilogram
Certifications	IEC/EN 60947-3 CSA Class No.: 3211-05 CE VDE 0660 CSA IEC/EN 60947 UL File No.: E36332 UL 60947-4-1 CSA File No.: 012528 CSA-C22.2 No. 60947-4-1-14 CSA-C22.2 No. 60947-4-1-14 CSA-C22.2 No. 94 UL IEC/EN 60204 UL Category Control No.: NLRV
Product Tradename	ТО
Product Type	Step switch
Product Sub Type	None
Catalog Notes	Rated Short-time Withstand Current (Icw) for a time of 1 second
Fitted with:	0 (off) position Black thumb grip and front plate
Inscription	0-3
Number of poles	Three-pole
Degree of protection	IP65 NEMA 1 NEMA 12
Degree of protection (front side)	IP65 NEMA 12
Lifespan, mechanical	400,000 Operations
Mounting method	Flush mounting
Mounting position	As required
Number of contact units	5
Operating frequency	1200 Operations/h
Overvoltage category	
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 °
Туре	Step switch
Ambient operating temperature - min	-25 °C

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Rated operational current (le) star-delta at AC-3, 500 V 55 A Rated operational current (le) star-delta at AC-3, 600 V 5, 5 KW 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, 600 V, 50 Hz 5, 5 KW Rated operational power at AC-3, 600 V, 50 Hz 6, 6 K Rated operational power at AC-3, 600 V, 50 Hz 5, 5 KW Rated operational power at AC-30, 500 V, 50 Hz 5, 5 KW Rated operational power at AC-30, 500 V, 50 Hz 5, 5 KW Rated operational power at AC-23A, 200 V, 50 Hz 5, 5 KW Rated operational power at AC-23A, 500 V, 50 Hz 5, 5 KW Rated operational power at AC-23A, 600 V, 50 Hz 5, 5 KW Rated operational power at AC-23A, 600 V, 50 Hz 5, 5 KW Rated operational power star-delta at 300/400 V, 50 Hz 5, 5 KW Rated operational power star-delta at 500 V, 50 Hz 5, 5 KW Rated operational power star-delta at 500 V, 50 Hz 5, 5 KW Rated operational power star-delta at 500 V, 50 Hz 5, 5 KW Rated operational power star-delta at 500 V, 50 Hz 5, 5 KW Rated operational power star-delta at 500 V, 50 Hz 5, 5 KW	Rated operational current (Ie) star-delta at AC-3, 230 V	20 A
Rated operational current (le) 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, 690 V, 50 Hz 5.5 kW Rated operational power at AC-3, 690 V, 50 Hz 4.6 W Rated operational power at AC-3, 690 V, 50 Hz 5.5 kW Rated operational power at AC-33, 690 V, 50 Hz 6.6 C Rated operational power at AC-33, 690 V, 50 Hz 5.5 kW Rated operational power at AC-33, 500 V, 50 Hz 5.5 kW Rated operational power at AC-33, 500 V, 50 Hz 5.5 kW Rated operational power at AC-33, 500 V, 50 Hz 5.5 kW Rated operational power at AC-33, 500 V, 50 Hz 5.5 kW Rated operational power at AC-33, 500 V, 50 Hz 5.5 kW Rated operational power at AC-33, 500 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 500 V, 50 Hz 5.5 kW Rated operational power star-delta at 690 V, 50 Hz 5.5 kW Rated operational power star-delta at 690 V, 50 Hz 5.5 kW Rated operational power star-delta at 690 V, 50 Hz 5.5 kW Rated operational power star-delta at 690 V, 50 Hz 20 A Interrupted current (lu)	Rated operational current (le) star-delta at AC-3, 400 V	20 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, 600 V, 50 Hz 4 kW Rated operational power at AC-30, 220/230 V, 50 Hz 3 kW Rated operational power at AC-33, 500 V, 50 Hz 5.5 kW Rated operational power at AC-23A, 220/230 V, 50 Hz 5.5 kW Rated operational power at AC-23A, 500 V, 50 Hz 5.5 kW Rated operational power at AC-23A, 500 V, 50 Hz 5.5 kW Rated operational power at AC-23A, 500 V, 50 Hz 5.5 kW Rated operational power at AC-23A, 500 V, 50 Hz 5.5 kW Rated operational power at AC-23A, 600 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 200 V, 50 Hz 5.5 kW Rated operational power star-delta at 500 V, 50 Hz 7.5 kW Rated operational power star-delta at 600 V, 50 Hz 5.5 kW Rated operational power star-delta at 600 V, 50 Hz 20 A Rated operational power star-delta at 600 V, 50 Hz 20 A Rated operational power star-delta to 500 V, 50 Hz 6 kA Uninterrupted current (lu) 6 kA	Rated operational current (le) star-delta at AC-3, 500 V	15.6 A
Rated operational power at AC-3, 500 V, 50 Hz 5.5 kW Rated operational power at AC-36, 900 V, 50 Hz 4 kW Rated operational power at AC-33A, 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 5.5 kW Rated operational power at AC-23A, 500 V, 50 Hz 5.5 kW Rated operational power at AC-23A, 500 V, 50 Hz 5.5 kW Rated operational power at AC-23A, 500 V, 50 Hz 5.5 kW Rated operational power at AC-23A, 500 V, 50 Hz 5.5 kW Rated operational power at AC-23A, 500 V, 50 Hz 5.5 kW Rated operational power at AC-23A, 500 V, 50 Hz 5.5 kW Rated operational power star-delta at 320/230 V, 50 Hz 5.5 kW Rated operational power star-delta at 320/400 V, 50 Hz 7.5 kW Rated operational power star-delta at 500 V, 50 Hz 5.5 kW Rated operational power star-delta at 500 V, 50 Hz 5.5 kW Rated operational power star-delta at 500 V, 50 Hz 5.5 kW Rated operational power star-delta at 500 V, 50 Hz 5.5 kW Rated operational power star-delta at 500 V, 50 Hz 2.5 kW Rated uninterrupted current (lw) 20 A Uninterrupted current (lw) <td>Rated operational current (le) star-delta at AC-3, 690 V</td> <td>8.5 A</td>	Rated operational current (le) star-delta at AC-3, 690 V	8.5 A
Rated operational power at AC-3, 690 V, 50 Hz 4 kW Rated operational power at AC-3A, 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 5.5 kW Rated operational power at AC-23A, 690 V, 50 Hz 5.5 kW Rated operational power at AC-23A, 690 V, 50 Hz 5.5 kW Rated operational power at AC-23A, 690 V, 50 Hz 5.5 kW Rated operational power at AC-23A, 690 V, 50 Hz 5.5 kW Rated operational power at AC-23A, 690 V, 50 Hz 5.5 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 500 V, 50 Hz 7.5 kW Rated operational power star-delta at 690 V, 50 Hz 5.5 kW Rated operational power star-delta at 690 V, 50 Hz 5.5 kW Rated operational power star-delta at 690 V, 50 Hz 5.5 kW Rated operational power star-delta at 690 V, 50 Hz 20 A Rated uninterrupted current (lu) 20 A Uninterrupted current (lu) 6 kA	Rated operational power at AC-3, 415 V, 50 Hz	5.5 kW
Rated operational power at AC-23A, 220/230 V, 50 Hz 3 kW Rated operational power at AC-23A, 400 V, 50 Hz 55 kW Rated operational power at AC-23A, 500 V, 50 Hz 55 kW Rated operational power at AC-23A, 690 V, 50 Hz 55 kW Rated operational power at AC-23A, 690 V, 50 Hz 55 kW Rated operational power star-delta at 220/230 V, 50 Hz 55 kW Rated operational power star-delta at 200 V, 50 Hz 55 kW Rated operational power star-delta at 380/400 V, 50 Hz 55 kW Rated operational power star-delta at 500 V, 50 Hz 55 kW Rated operational power star-delta at 690 V, 50 Hz 55 kW Rated operational power star-delta at 690 V, 50 Hz 55 kW Rated operational power star-delta at 690 V, 50 Hz 55 kW Rated operational power star-delta at 690 V, 50 Hz 50 kW Rated uninterrupted current (lu) 20 A Uninterrupted current (lu) 20 A Rated conditional short-circuit current (lg) 6kA	Rated operational power at AC-3, 500 V, 50 Hz	5.5 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 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 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 7.5 kW Rated operational power star-delta at 690 V, 50 Hz 20 A Rated uninterrupted current (lu) 20 A Uninterrupted current (lu) 8.64	Rated operational power at AC-3, 690 V, 50 Hz	4 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 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 7.5 kW Rated uninterrupted current (lu) 5.5 kW Uninterrupted current (lu) 20 A Rated operational short-circuit current (lq) 6 kA	Rated operational power at AC-23A, 220/230 V, 50 Hz	3 kW
Rated operational power at AC-23A, 690 V, 50 Hz 55 kW Rated operational power star-delta at 220/230 V, 50 Hz 55 kW Rated operational power star-delta at 380/400 V, 50 Hz 75 kW Rated operational power star-delta at 380/400 V, 50 Hz 75 kW Rated operational power star-delta at 380/400 V, 50 Hz 75 kW Rated operational power star-delta at 690 V, 50 Hz 55 kW Rated operational power star-delta at 690 V, 50 Hz 55 kW Rated operational power star-delta at 690 V, 50 Hz 55 kW Rated operational power star-delta at 690 V, 50 Hz 50 kW Interrupted current (lu) 50 kW Vininterrupted current (lu) 20 A Kated operational short-circuit current (lq) 614	Rated operational power at AC-23A, 400 V, 50 Hz	5.5 kW
Rated operational power star-delta at 220/230 V, 50 Hz 55 kW Rated operational power star-delta at 380/400 V, 50 Hz 75 kW Rated operational power star-delta at 500 V, 50 Hz 75 kW Rated operational power star-delta at 690 V, 50 Hz 55 kW Rated operational power star-delta at 690 V, 50 Hz 55 kW Rated operational power star-delta at 690 V, 50 Hz 55 kW Rated operational power star-delta at 690 V, 50 Hz 50 kW Ininterrupted current (lu) 20 A Uninterrupted current (lu) 810 km Rated operational short-circuit current (lq) 610 km	Rated operational power at AC-23A, 500 V, 50 Hz	7.5 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 operational power star-delta at 690 V, 50 Hz 20 A Rated uninterrupted current (lu) 844 March 100 Mar	Rated operational power at AC-23A, 690 V, 50 Hz	5.5 kW
Rated operational power star-delta at 500 V, 50 Hz 75 kW Rated operational power star-delta at 690 V, 50 Hz 55 kW Rated uninterrupted current (lu) 20 A Uninterrupted current (lu) 800 K Rated operational power star-delta at 690 V, 50 Hz 6 kA	Rated operational power star-delta at 220/230 V, 50 Hz	5.5 kW
Rated operational power star-delta at 690 V, 50 Hz 55 kW Rated uninterrupted current (lu) 20 A Uninterrupted current Rated uninterrupted current lu is specified for max. cross-section. Rated conditional short-circuit current (lq) 6 kA	Rated operational power star-delta at 380/400 V, 50 Hz	7.5 kW
Rated uninterrupted current (lu) 20 A Uninterrupted current Rated uninterrupted current lu is specified for max. cross-section. Rated conditional short-circuit current (lq) 6 kA	Rated operational power star-delta at 500 V, 50 Hz	7.5 kW
Uninterrupted current Rated uninterrupted current lu is specified for max. cross-section. Rated conditional short-circuit current (lq) 6 kA	Rated operational power star-delta at 690 V, 50 Hz	5.5 kW
Rated conditional short-circuit current (Iq) 6kA	Rated uninterrupted current (lu)	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	Rated conditional short-circuit current (Iq)	6 kA
	Rated short-time withstand current (Icw)	320 A, Contacts, 1 second

Short circuit current ration links in AUD PA. Sup 4. ex. Fues SCR DUCSAN Short circuit protection ration R Arging 4. ex. fues SCR DUCSAN Interiant R Arging 4. ex. fues SCR DUCSAN Number of contracts in action at DC 3A, ANV Sin View harmsmere organization into 12, ex. K. A. Sy fue fuel Number of contracts in action at DC 3A, ANV International State SCR DUCSAN Number of contracts in action at DC 3A, ANV International State SCR DUCSAN Number of contracts in action at DC 3A, ANV International State SCR DUCSAN Number of contracts in action at DC 3A, ANV International State SCR DUCSAN Number of contracts in action at DC 3A, ANV International State SCR DUCSAN State State SCR DUCSAN State SCR DUCSAN International State SCR DUCSAN Number of contracts in action at DC 3A, ANV International State SCR DUCSAN State Scr DUCSAN State SCR DUCSAN State SCR DUCSAN International State SCR DUCSAN State Scr DUCSAN State SCR DUCSAN State	Short-circuit current rating (basic rating)	50A, max. Fuse, SCCR (UL/CSA) 5 kA, SCCR (UL/CSA)
Bare stream S A gligh, face, Reners Led rating S A gligh, face, Reners Number of contacts in some all 07.10, MV S A gligh, face, Reners Number of contacts in some all 07.00, MV S A gligh, face, Reners Number of contacts in some all 07.00, MV S A gligh, face, Reners Number of contacts in some all 07.00, MV S A gligh, face, Reners Number of contacts in some all 07.00, MV S A statument of the some all 0.000, MV Number of contacts in some all 07.00, MV S A statument of the some all 0.000, MV Number of contacts in some all 0.000, MV S A statument of the some all 0.000, MV Number of contacts in some all 0.000, MV S A statument of the some all 0.000, MV Number of contacts in some all 0.000, MV S A statument of the some all 0.000, MV Number of contacts in some all 0.000, MV S A statument of the some all 0.000, MV Number of contacts in some all 0.000, MV / MV / MV / MV S A statument of the some all 0.000, MV / MV	Short-circuit current rating (high fault)	
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Namber of contracts series al 0.23A, 41VImage of contracts series al 0.23A, 41VNamber of contracts series al 0.23A, 41V2Namber of contracts series al 0.23A, 41V3Namber of contracts series al 0.23A, 41V14A Rated univergapted contract series al 0.23A, 41VSoliching capacity lacality contacts, pist al eve14A Rated univergapted contract series al 0.23A, 41VSoliching capacity lacality contacts, pist al eve14A Rated univergapted contract series al 0.23A, 41VSoliching capacity lacality contacts, pist al eve13ASoliching capacity lacality contacts, pist al eve13AValueg ar contact pair neeles13ASoliching capacity lacality contacts, pist al eve13AAssigned motor power al 102020 W 0.10, pists ECOR W0PA-313AAssigned motor power al 202020 W 0.10, pists al 11212 W 0.12, pists13FPAssigned motor power al 20202 W 0.10, pists al 11212 W 0.12, pists13FPAssigned motor power al 20202 W 0.10, pists15FPAssigned motor power al 20202 W 0.10, pists15FPAssigned motor power al 20202 W 0.10, pists15FPAssigned motor power al 2020W 0.10, pi	Load rating	1.3 x I# (with intermittent operation class 12, 60 % duty factor)
Number of cottacts is arises at DC 220, 6VImage of cottacts is arises at DC 220, 6VImage of cottacts is arises at DC 220, 2VVImage of cottacts is arises at DC 220, 2VVSubchard capacity is arise at DC 220, 2VVImage of cottacts is arises at DC 220, 2VVImage of cottacts is arises at DC 220, 2VVSubchard capacity is arise at DC 220, 2VVImage of cottacts is arises at DC 220, 2VVImage of cottacts is arises at DC 220, 2VVSubchard capacity is arise at DC 220, 2VV (sag bit of ECVR 6007-2)Image of cottacts is arises at DC 220, 2VV (sag bit of ECVR 6007-2)Image of cottacts is arises at DC 220, 2VV (sag bit of ECVR 6007-2)Assigned moting power at 202202 VV (bit DL 1, -baseImage of cottacts is arises at DC 220, 2VV (bit DL 1, -baseImage of cottacts is arises at DC 220, 2VV (bit DL 1, -baseAssigned moting power at 202202 VV (bit DL 1, -baseImage of cottacts is arises at DC 220, 2VV (bit DL 1, -baseImage of cottacts is arises at DC 220, 2VV (bit DL 1, -baseAssigned moting power at 202202 VV (bit DL 1, -baseImage of cottacts is arises at DC 220, 2VV (bit DL 1, -baseImage of cottacts is arises at DC 220, 2VV (bit DL 1, -baseAssigned moting power at 202202 VV (bit DL 2, -baseImage of cottacts is arises at DC 220, 2VV (bit DL 2, -baseImage of Cottacts is arises at DC 220, 2VV (bit DL 2, -baseAssigned moting power at 202202 VV (bit DL 2, -baseImage of cottacts is arises at DC 220, 2VV (bit DL 2, -baseImage of Cottacts is arises at DC 220, 2VV (bit DL 2, -baseAssigned moting power at 202202 VV (bit DL 2, -baseImage of Cottacts is arises at DC 220, 2VV (bit DL 2, -baseImage of Cottacts is arises at DC 2, -baseAssigned moting power at 202202 VV (bit DL 2, -	Number of contacts in series at DC-21A, 240 V	1
Number of contacts in series at IC-234, BVINumber of contacts in series at IC-234, BV3Switching capachy funit contacts, general usa)14, Rand uninterrupted current max, (U,CSA)Switching capachy funitic contacts, general usa)14, Rand uninterrupted current max, (U,CSA)Switching capachy funitic contacts, general usa)14, Rand uninterrupted current max, (U,CSA)Switching capachy funitic contacts, general usa)14, Rand uninterrupted current max, (U,CSA)Switching capachy funitic contacts, general usa)14, Rand uninterrupted current max, (U,CSA)Nationary functionary function	Number of contacts in series at DC-23A, 24 V	1
Number of cartarcts is series at 0C 23A, 129 V 3 Number of cartarcts in series at 0C 23A, 249 V 5 Switching capacity jouxillary contexts, paneral usel 64. R. Red uninterrupted current max. (UUCSA) Switching capacity jouxillary contexts, paneral usel 64. R. Red uninterrupted current max. (UUCSA) Switching capacity jouxillary contexts, piot duty 730 A Voltage are context piot duty 730 A Assigned motor pawer at 15/120, VSH 12, 15/1000 65. HP Assigned motor pawer at 2000 V, VSH 12, 15/1000 65. HP Assigned motor pawer at 2000 V, VSH 12, 5/1000 75. HP Assigned motor pawer at 2000 V, VSH 12, 5/1000 75. HP Assigned motor pawer at 2000 V, VSH 12, 5/1000 75. HP Assigned motor pawer at 2000 V, VSH 12, 5/1000 75. HP Assigned motor pawer at 2000 V, VSH 12, 5/1000 75. HP Assigned motor pawer at 2000 V, VSH 12, 5/1000 75. HP Assigned motor pawer at 2000 V, VSH 12, 5/1000 75. HP Assigned motor pawer at 2000 V, VSH 12, 5/1000 75. HP Assigned motor pawer at 2000 V, VSH 12, 5/1000 75. HP Assigned motor pawer at 2000 V, VSH 12, 5/1000 75. HP Assigned motor pawer at 2000 V,	Number of contacts in series at DC-23A, 48 V	2
Number of catacts is notice 3 DF-23A, 24V5Switching capacity functionates, general use)16 A, Radio antimety diameterity accurates, general use)Switching capacity functionates, general use)4000, ULCSA)Switching capacity functionates, general use)4000, ULCSA)Batel making capacity functionates, general use)4000, ULCSA)Switching capacity functionates, general use, general use	Number of contacts in series at DC-23A, 60 V	3
Solution capacity (main contacts, peeral use)164. Read uninterrupted current max. (UCSA)Switching capacity (main contacts, peeral use)106. UL (UCSA)Switching capacity (main contacts, peeral use)100. ASwitching capacity (Main contacts, peeral use)110. ASwitching capacity (Main contacts, peeral use)110. ASwitching capacity (Main contacts, peeral use)110. ASwitching c	Number of contacts in series at DC-23A, 120 V	3
Switching capacity jaunilary contacts, plot dury) Nak, U, ULCSA) Switching capacity juon BBY Uccs philos ILC27M BBY-2)) Nake ULCSA) Valuage per contact pair in series No. ULCSA) Assigned motor power at USCBY (DVSA)	Number of contacts in series at DC-23A, 240 V	5
Switching capacity (aviilary contacts, jilot duty) Read making capacity (aviilary contacts, jilot duty) Read making capacity (aviilary contacts, jilot duty) Read making capacity (aviilary contacts, jilot duty) Assigned metor power at 15/100 V, 60 kL, 1phase SIP Assigned metor power at 15/100 V, 60 kL, 1phase SIP Assigned metor power at 202002 V, 100 kL, 3phase SIP Assigned metor power at 202002 V, 100 kL, 3phase SIP Assigned metor power at 202002 V, 100 kL, 3phase SIP Assigned metor power at 202002 V, 100 kL, 3phase SIP Assigned metor power at 202002 V, 100 kL, 3phase SIP Assigned metor power at 202002 V, 100 kL, 3phase SIP Assigned metor power at 202002 V, 100 kL, 3phase SIP Assigned metor power at 202002 V, 100 kL, 3phase SIP Assigned metor power at 202002 V, 100 kL, 3phase SIP Assigned metor power at 202002 V, 100 kL, 3phase SIP Assigned metor power at 202002 V, 100 kL, 3phase SIP Assigned metor power at 202002 V, 100 kL, 3phase SIP Assigned metor power at 202002 V, 100 kL, 3phase SIP Assigned metor power at 202002 V, 100 kL, 3phase SIP Assigned meto	Switching capacity (main contacts, general use)	16 A, Rated uninterrupted current max. (UL/CSA)
Aside making capacity up to 689 V (cos ph to 100 CW 100 997-3) Particle partinteres particle particle particle particle	Switching capacity (auxiliary contacts, general use)	10A, IU, (UL/CSA)
Vidage per contact pair in series RV Assigned motor power at 135/128 V, 60 Hz, 1-phase RV Assigned motor power at 20028 V, 60 Hz, 1-phase HP Assigned motor power at 20028 V, 60 Hz, 1-phase HP Assigned motor power at 20028 V, 60 Hz, 1-phase HP Assigned motor power at 20028 V, 60 Hz, 3-phase HP Assigned motor power at 20028 V, 60 Hz, 3-phase HE Assigned motor power at 20028 V, 60 Hz, 3-phase HE Assigned motor power at 20028 V, 60 Hz, 3-phase HE Assigned motor power at 20028 V, 60 Hz, 3-phase HE Assigned motor power at 20028 V, 60 Hz, 3-phase HE Assigned motor power at 20028 V, 60 Hz, 3-phase HE Assigned motor power at 20028 V, 60 Hz, 3-phase HE Assigned motor power at 20028 V, 60 Hz, 3-phase HE Assigned motor power at 20028 V, 60 Hz, 3-phase HE Assigned motor power at 20028 V, 60 Hz, 3-phase HE Assigned motor power at 20028 V, 60 Hz, 3-phase HE Assigned motor power at 20028 V, 60 Hz, 3-phase HE Assigned motor power at 20028 V, 60 Hz, 3-phase HE Astrustorustow HE	Switching capacity (auxiliary contacts, pilot duty)	
Assigned mator power at 115/120 \ \B N2, 1-phase Assigned mator power at 22002 \ \B N4, 1-phase Assigned mator power at 22002 \ \B N4, 2-phase Assigned mator power at	Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)	130 A
Assigned motor power at 2002 V0 60 Hz, 1-phase IHP Assigned motor power at 2002 V0 60 Hz, 3-phase IHP Assigned motor power at 2002 V0 60 Hz, 3-phase IHP Assigned motor power at 2002 V0 60 Hz, 3-phase IHP Assigned motor power at 2002 V0 60 Hz, 3-phase IHP Assigned motor power at 2002 V0 Hz, 3-phase IHP Assigned motor power at 2002 V0 Hz, 3-phase IHP Assigned motor power at 2002 V0 Hz, 3-phase IHP Assigned motor power at 2002 V0 Hz, 3-phase IHP Assigned motor power at 2002 V0 Hz, 3-phase IHP Assigned motor power at 2002 V0 Hz, 3-phase IHP Assigned motor power at 2002 V0 Hz, 3-phase IHP Assigned motor power at 2002 V0 Hz, 3-phase IHP Assigned motor power at 2002 V0 Hz, 3-phase IHP Assigned motor power at 2002 V0 Hz, 3-phase IHP Assigned motor power at 2002 V0 Hz, 3-phase IHP Assigned motor power at 2002 V0 Hz, 3-phase IHP Assigned motor power at 2002 V0 Hz, 3-phase IHP Assigned motor power at 2002 V0 Hz, 3-phase IHP Assigned motor power at 2002 V0 Hz, 3-phase IHP Assignet functincont Ingle	Voltage per contact pair in series	60 V
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Assigned motor power at 230/240 V. 60 Hz, 3-phase 1.5 HP Assigned motor power at 230/240 V. 60 Hz, 3-phase 3 HP Assigned motor power at 230/240 V. 60 Hz, 3-phase 3 HP Assigned motor power at 230/240 V. 60 Hz, 3-phase 7.5 HP Assigned motor power at 57/3600 V. 60 Hz, 3-phase 7.5 HP Assigned motor power at 57/3600 V. 60 Hz, 3-phase 7.5 HP Cortrol circuit reliability 1.5 HP Number of contacts 9 Actuator function Maintained Winto 10(ff) position Actuator type Toggle Number of stops 7.5 HP Number of stops 7.5 HP Actuator type 1.5 HP Actuator function 1.5 HP Actuator type 1.5 HP Number of stops 9 Number of stops 1.5 HP Number of stops 1.5 HP Rated operations 1.5 HP Rated operations 1.5 HP Heat dissipation, current-dependent Pvid 1.5 HP Heat dissipation, current-dependent Pvid 1.5 HP 12.2 Logintration of thermal stability of enclosures 1.5 HP 12.3 Logintication of thermal stability e	Assigned motor power at 200/208 V, 60 Hz, 1-phase	1 HP
Assigned motor power at 20/240 V 60 H2, 3-phase 3 HP Assigned motor power at 20/240 V 60 H2, 3-phase 75 HP Assigned motor power at 50%600 V, 60 H2, 3-phase 75 HP Control circuit reliability 75 HP Number of contacts 9 Actuator function Maintained With 0 (0H) pasition Actuator function Togle A Actuator function Togle A Mumber of steps 3 (457) Number of steps 3 (457) Number of steps 0W Heat dissipation, current-dependent Pvid 0W Heat dissipation, current-dependent Pvid 0W Heat dissipation, current-dependent Pvid 0W 102.2 Drosin resistance Mest the product standard's requirements. 102.2 Verification of thermal stability of anclosures Mest the product standard's requirements. 102.2 Verification of thermal stability of anclosures Mest the product standard's requirements. 102.2 Prosing Stability of anclosures Deson tapply, since the entire switchgear needs to be evaluated. 102.2 Prosing Stability of anclosures Deson tapply, since the entire switchgear needs to be evaluated. 102.2 Prosing Stability of anclosures Desen tapply, since the entire switchgear needs t	Assigned motor power at 200/208 V, 60 Hz, 3-phase	3 HP
Assigned motor power at 480480 x 60 H2, 3-phase Assigned motor power at 575(960 V, 60 H2, 3-phase Forto circuit reliability Assigned motor power at 575(960 V, 60 H2, 3-phase Forto circuit reliability	Assigned motor power at 230/240 V, 60 Hz, 1-phase	1.5 HP
Assigned motor power at 575960 V, 60 Hz, 3-phase 75 HP Control circuit reliability Findume per 100,000 witching operations statistically determined, at 24 VDC, 10 Number of contacts 9 Actuator function Findume per 100,000 witching operations statistically determined, at 24 VDC, 10 Actuator function Findume per 100,000 witching operations statistically determined, at 24 VDC, 10 Actuator function Findume per 100,000 witching operations statistically determined, at 24 VDC, 10 Actuator function Findume per 100,000 witching operations statistically determined, at 24 VDC, 10 Number of switch positions Findume per 100,000 witching operations statistically determined, at 24 VDC, 10 Findume per 100,000 witching operations statistically determined, at 24 VDC, 10 Findume per 100,000 witching operations statistically determined, at 24 VDC, 10 Actuator function Findume per 100,000 witching operations statistically determined, at 24 VDC, 10 Number of switch postions Findume per 100,000 witching operations statistically determined, at 24 VDC, 10 Read operational courses 0 Read dissipation, current-dependent Pvid 0 Read operational stability of enclosures 0 10222 Corrosion resistance of insulting materials to normal headitispotion fresistance on insulting materials to normal h	Assigned motor power at 230/240 V, 60 Hz, 3-phase	3 HP
Control circuit reliability Infalure per 10,000 switching operations statistically determined, et 24 V DC, 10 mAl Number of contacts 9 Actuator function With 0 (Off position Actuator function With 0 (Off position Actuator function Maintained Number of switch positions Togle Statuator function 3 (45°) Number of switch positions 0 Equipment heat dissipation, current-dependent Pvid 0 Heat dissipation projek, current-dependent Pvid 0 W Rated operational current of switch positions 0 W 102.2 Corrosion resistance 0 W 102.3 Verification of themal stability of enclosures 0 W 102.3 Verification of tresistance of insulating materials to normal heat Meets the product standard's requirements. 102.3 Verification of tresistance of insulating materials to normal heat Meets the product standard's requirements. 102.3 Resist. of insult materials to normal heat Meets the product standard's requirements. 102.3 Resist. of insult materials to normal heat Meets the product standard's requirements. 102.3 Resist. of insult materials to normal heat Meets the product standard's requirements. 102.3 Resist. of insult materials to normal heat <td>Assigned motor power at 460/480 V, 60 Hz, 3-phase</td> <td>7.5 HP</td>	Assigned motor power at 460/480 V, 60 Hz, 3-phase	7.5 HP
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10.6 Incorporation of switching devices and components 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.
10.7 Internal electrical circuits and connections Is the panel builder's responsibility.	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 8.0

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@ss10.0.1-27-37-14-14 [ACN998011])

Type of switch		Level switch
Number of poles		3
Max. rated operation voltage Ue AC	V	690
Rated permanent current lu	А	20
Number of switch positions		4
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