## DATASHEET - T3-4-47/E

Multi-speed switches, T3, 32 A, flush mounting, 4 contact unit(s), Contacts: 7, 60 °, maintained, With 0 (Off) position, 0-1-2, SOND 29, Design number 47



Part no. T3-4-47/E 020484

General specifications	
Product name	Eaton Moeller® series T3 Multi-speed switch
Part no.	T3-4-47/E
EAN	4015080204848
Product Length/Depth	114 millimetre
Product height	54 millimetre
Product width	61 millimetre
Product weight	0.252 kilogram
Certifications	CSA-C22.2 No. 94 VDE 0660 UL Category Control No.: NLRV IEC/EN 60947-3 CE UL UL File No.: E36332 CSA Class No.: 3211-05 CSA CSA-C22.2 No. 60947-4-1-14 CSA File No.: 012528 UL 60947-4-1 IEC/EN 60204 IEC/EN 60947 CSA UL
Product Tradename	T3
Product Type	Multi-speed switch
Product Sub Type	None
Catalog Notes	Rated Short-time Withstand Current (Icw) for a time of 1 second
Features & Functions	
Enclosure material	Plastic
Fitted with:	0 (off) position Black thumb grip and front plate
Inscription	0-1-2
Number of poles	3
Switch function type	2 speeds, 2 separate windings
General information	
Degree of protection	NEMA 1 IP65 NEMA 12
Degree of protection (front side)	IP65 NEMA 12
Lifespan, mechanical	500,000 Operations
Model	Pole switch
Mounting method	Flush mounting
Mounting position	As required
Number of contact units	4
Operating frequency	1200 Operations/h
Overvoltage category	III III
Pollution degree	3
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)

Joint and a second and a second a	Switching angle	60 °
Classic existing sequence areaSequence areaAubies operating sequence area5-1Aubies operating sequence area5-2Aubies operating sequence area5-2Aubies operating sequence area5-2Aubies operating sequence area5-2Aubies operating sequence area5-2Immaid capecity (sequence area5-2Immaid capecian5-2 <tr< td=""><td></td><td></td></tr<>		
Addition of partially subjecture - mix     See 201       Addition of partially subjecture tendenesis     See 201       Addition of partially subjecture tendenesis     See 201       Contract partially subjecture tendenesis     See 201       Terminal capacity (Sea bask through AMD)     See 201		wait-speed switch
Amber operating respects or produces - nin     See Sec Sec Sec Sec Sec Sec Sec Sec Sec		
Advice spectrate spe	Ambient operating temperature - min	-25 °C
Address operating supportance (acclusion) - max.     Bit C       Clinitic proofing     Bit C       Terminal capacities     In 1000 (acclusion) - 201       Terminal capacities     In 2019 - 41 (and the set of terminal to the COMDO-201       Terminal capacities     In 2019 - 41 (and the set of terminal to the COMDO-201       Terminal capacities     In 2019 - 41 (and the set of terminal to the COMDO-201       Terminal capacities     In 2019 - 41 (and the set of terminal to the COMDO-201       Terminal capacities     In 2019 - 41 (and the set of terminal to the COMDO-201       Terminal capacities     In 2019 - 41 (and the set of terminal to the COMDO-201       Terminal capacities (b) 1010 - 2019 - 2010 - 20	Ambient operating temperature - max	50 °C
Image of the second s	Ambient operating temperature (enclosed) - min	-25 °C
Despite control to LEC DORB - 20       Torminal capacity lickable with formale AWO     IB 35 - 41 amil, formales UN 4220 2 amile capacity lickable with formale AWO       Terminal capacity lickable with formale AWO     IB 35 - 41 amile formales UN 4220 2 amile capacity lickable with formale AWO       Terminal capacity lickable with formale AWO     IB 35 - 41 amile formales UN 4220 2 amile capacity lickable with formale AWO       Terminal capacity lickable with formale AWO     IB 35 - 41 amile formale active lickable amile capacity lickable with formale AWO       Terminal capacity lickable with formale AWO     IB 35 - 41 amile formale active lickable amile capacity lickable with formale AWO       Terminal capacity lickable with formale AWO     IB 35 - 41 amile formale active lickable amile capacity lickable with formale AWO       Terminal capacity lickable with formale AWO     IB 35 - 41 amile formale active lickable amile capacity lickable with formale AWO       Terminal capacity lickable with formale AWO     IB 36 amile amile capacity lickable with lickable AWO       Terminal capacity lickable with lickable AWO     IB 36 amile	Ambient operating temperature (enclosed) - max	40 °C
Tensini capacity floable with formalIII <td>Climatic proofing</td> <td></td>	Climatic proofing	
Interinst capacy (viable) Terminal capacy (viable) 	Terminal capacities	
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Immat capacity biologicanelist Immat capacity biologicanelist   Screw size Mater biologicanelist   Tattering trapse 2000   Rade biologic gaserity statulation biol EC 6000-130 2000   Rade departient current like at 0.43, 200 y tain-ofdet 2000   Rade departient current like at 0.43, 200 y tain-ofdet 2000   Rade departient current like at 0.43, 200 y tain-ofdet 2000   Rade departient current like at 0.43, 200 y tain-ofdet 2000   Rade departient current like at 0.43, 200 y tain-ofdet 2000   Rade departient current like at 0.43, 200 y tain-ofdet 2000   Rade departient current like at 0.43, 200 y tain-ofdet 2000   Rade departient current like at 0.43, 200 y tain-ofdet 2000   Rade departient current like at 0.43, 200 y tain-ofdet 2000   Rade departient current like at 0.43, 200 y tain-ofdet 2000   Rade departient current like at 0.43, 200 y tain-ofdet 2000   Rade departient current like at 0.43, 200 y tain-ofdet 2000   Rade departient current like at 0.42, 200 y tain-ofdet 2000		2 x (0.75 - 4) mm <sup>2</sup> , ferrules to DIN 46228
Strew size 2 × 1 +	Terminal capacity (solid/flexible with ferrule AWG)	
Scrow sird M4, Terrind laterew   Toltening torque 17,15-1,5-500 werminals   Electrical rating 200,4   Rated weaking capacity at 200/200 kap bit til EC 0097-3) 200,4   Rated weaking capacity at 800 Works plit til EC 0097-3) 200,4   Rated weaking capacity at 800 Works plit til EC 0097-3) 200,4   Rated spectrational current (lei)	Terminal capacity (solid/stranded)	
Tightening tarque 17 2 his Scave similals   Electrical rating 20 A   Rend bracking capacity at 200 (200 V) (250 P) (250	Screw size	
Electrical ranking capacity at 202200 / (csp phi to IEC 60947-3)   200 A     Rade brasking capacity at 200200 / (csp phi to IEC 60947-3)   200 A     Rade brasking capacity at 200200 / (csp phi to IEC 60947-3)   200 A     Rade brasking capacity at 200200 / (csp phi to IEC 60947-3)   200 A     Rade drasking capacity at 200200 / (csp phi to IEC 60947-3)   200 A     Rade drasking capacity at 200200 / (csp phi to IEC 60947-3)   200 A     Rade drasking capacity at 200200 / (csp phi to IEC 60947-3)   200 A     Rade drasking capacity at 200200 / (csp phi to IEC 60947-3)   200 A     Rade drasking capacity at 200200 / (csp phi to IEC 60947-3)   200 A     Rade drasking capacity at 200200 / (csp phi to IEC 60947-3)   200 A     Rade drasking capacity at 200200 / (csp phi to IEC 60947-3)   200 A     Rade drasking capacity at 200200 / (csp phi to IEC 60947-3)   200 A     Rade drasking caracity at 20020 / (csp phi to IEC 60947-3)   200 A     Rade drasking caracity at 20020 / (csp phi to IEC 60947-3)   200 A     Rade drasking caracity at 20020 / (csp phi to IEC 60947-3)   200 A     Rade drasking caracity at 20020 / (csp phi to IEC 60947-3)   200 A     Rade drasking caracity at 20020 / (csp phi to IEC 60947-3)   200 A     Rade drasking caracity at 20020 / (csp phi to IEC 60947-3) </td <td></td> <td></td>		
Rated treaking capacity at 220230 / (cos phi to IEC 60047-3) 280 A   Rated treaking capacity at 220230 / (cos phi to IEC 60047-3) 260 A   Rated treaking capacity at 8000 / (cos phi to IEC 60047-3) 200 A   Rated treaking capacity at 8000 / (cos phi to IEC 60047-3) 200 A   Rated apertional current (lei AC-23, 200 / cos phi to IEC 60047-3) 200 A   Rated apertional current (lei AC-2, 200 / cos phi to IEC 60047-3) 200 A   Rated apertional current (lei AC-2, 200 / 200 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 400 / 415 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 /	rightening torque	
Rated treaking capacity at 220230 / (cos phi to IEC 60047-3) 280 A   Rated treaking capacity at 220230 / (cos phi to IEC 60047-3) 260 A   Rated treaking capacity at 8000 / (cos phi to IEC 60047-3) 200 A   Rated treaking capacity at 8000 / (cos phi to IEC 60047-3) 200 A   Rated apertional current (lei AC-23, 200 / cos phi to IEC 60047-3) 200 A   Rated apertional current (lei AC-2, 200 / cos phi to IEC 60047-3) 200 A   Rated apertional current (lei AC-2, 200 / 200 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 415 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 400 / 415 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 / 400 / 416 /	Electrical rating	
Reted breaking casacity at 400415 V(cos phi to IEC 0097-3) 200 A   Reted breaking casacity at 6004050 (vos phi to IEC 0097-3) 240 A   Reted oreaking casacity at 6004007 (vos phi to IEC 0097-3) 240 A   Reted operational current (0) 225 A at AC 3, 900 V trans-detina 25 A at AC 3, 900 V trans-detina 26 A A A A A A A A A A A A A A A A A A A		260 A
Rated breaking capacity at 500 V(cos phi to IEC 6984-3) 240 A   Rated preaking capacity at 600 900 V(cos phi to IEC 6984-3) 100 A   Rated operational current (le) 252 A at AC 3 200 V star-delia   SS A at AC 3 200 V star-delia 252 A at AC 3 200 V star-delia   Rated operational current (le) AL C3, 220 V, 220 V, 200 V, 200 V 227 A   Rated operational current (le) AL C3, 230 V, 400 V, 415 V 232 A   Rated operational current (le) AL C3, 230 V, 400 V, 415 V 237 A   Rated operational current (le) AL C3, 230 V, 400 V, 415 V 232 A   Rated operational current (le) AL C3, 230 V, 400 V, 415 V 232 A   Rated operational current (le) AL C3, 230 V, 400 V, 415 V 232 A   Rated operational current (le) AL C3, 230 V, 400 V, 415 V 232 A   Rated operational current (le) AL C3, 230 V 240 V   Rated operational current (le) AL C3, 230 V 254 A   Rated operational current (le) AL C32A, 500 V 254 A   Rated operational current (le) AL C32A, 500 V 254 A   Rated operational current (le) AL C32A, 500 V 254 A   Rated operational current (le) AL C32A, 500 V 254 A   Rated operational current (le) AL C32A, 400 V, 515 V 254 A   Rated operational current (le) AL C32A, 120 V 147 A   Rated operational current (le) AL C32A, 120 V 148 A   Rated operational current (le) A		
Rated parational current (1e)   170 A     Rated operational current (1e)   25 A at AC3, 200 V star-delta 25 A at AC3, 300 V star-delta 26 A AC3, 300 V star-delta 300 V star-delta 300 V star-delta 300 V st		
Rated operational current (ile) 22 A at AC3, 230 V star-delta 235 At AC3, 800 V star-delta 237 At AC3, 800 V star-delta 238 At AC3, 800 V star-delta 238 At AC3, 800 V star-delta 239 At AC3, 800 V star-delta 240 At AC3, 800 V star-delta 250 A 11 At AC3, 800 V star-delta 250 A 11 At AC3, 800 V star-delta 250 A 12 At AC3, 800 V star-delta 250 A 13 At AC3, 800 V star-delta 250 A 14 At AC3, 800 V star-delta 250 A 15 At AC3, 800 V star-delta, 150 V star-delta 250 A 15 At AC3, 800 V star-delta, 150 V star-delta, 150 V star-delta, 150 V star-delta, 15		
Bated operational current (io) at AC-3, 201 V, 201 V, 201 V   237 A     Rated operational current (io) at AC-3, 200 V, 401 V   237 A     Rated operational current (io) at AC-3, 200 V, 401 V   237 A     Rated operational current (io) at AC-3, 200 V, 401 V   237 A     Rated operational current (io) at AC-3, 200 V, 400 V, 415 V   237 A     Rated operational current (io) at AC-23, 400 V, 415 V   237 A     Rated operational current (io) at AC-23A, 200 V   237 A     Rated operational current (io) at AC-23A, 200 V   237 A     Rated operational current (io) at AC-23A, 200 V   237 A     Rated operational current (io) at AC-23A, 200 V   237 A     Rated operational current (io) at AC-23A, 200 V   237 A     Rated operational current (io) at AC-23A, 200 V   237 A     Rated operational current (io) at AC-23A, 200 V   237 A     Rated operational current (io) at CC-3A, 200 V   237 A     Rated operational current (io) at CC-3A, 200 V   237 A     Rated operational current (io) at CC-3A, 200 V   237 A     Rated operational current (io) at CC-3A, 200 V   237 A     Rated operational current (io) at CC-3A, 200 V   237 A     Rated operational current (io) at CC-3A, 200 V   237 A     Rated operational c		
Rated operational current (le) at AC-3, 800 V, 400 V, 415 V 237 A   Rated operational current (le) at AC-3, 800 V, 800 V 237 A   Rated operational current (le) at AC-3, 600 V, 680 V 232 A   Rated operational current (le) at AC-23A, 200 V 232 A   Rated operational current (le) at AC-23A, 200 V 232 A   Rated operational current (le) at AC-23A, 500 V 232 A   Rated operational current (le) at AC-23A, 500 V 264 A   Rated operational current (le) at AC-23A, 500 V 264 A   Rated operational current (le) at AC-23A, 500 V 264 A   Rated operational current (le) at DC-13, corbor switches Vr = 1 ms 25A   Rated operational current (le) at DC-12, 240 V 25A   Rated operational current (le) at DC-13, corbor switches Vr = 1 ms 25A   Rated operational current (le) at DC-13, 240 V 25A   Rated operational current (le) at DC-3A, 240 V 25A   Rated operational current (le) at DC-3A, 200 V 25A   Rated operational current (le) at DC-3A, 200 V 25A   Rated operational current (le) at DC-3A, 200 V 25A   Rated operational current (le) at DC-3A, 200 V 25A   Rated operational current (le) at DC-3A, 200 V 25A   Rated operational power at AC-3, 300400 V, 50 Hz 11 kW   Rated operational power at AC-3A, 2000 V, 50 Hz 11 kW   R		25.5 A at AC-3, 690 V star-delta 32 A at AC-3, 500 V star-delta
Reted operational current (le) at AC-35, 660 V, 680 V   237 A     Reted operational current (le) at AC-34, 400 V   232 A     Reted operational current (le) at AC-234, 230 V   232 A     Reted operational current (le) at AC-234, 200 V   232 A     Reted operational current (le) at AC-234, 600 V, 415 V   232 A     Reted operational current (le) at AC-234, 600 V   232 A     Reted operational current (le) at AC-234, 600 V   258 A     Reted operational current (le) at AC-234, 600 V   258 A     Reted operational current (le) at DC-13, achtrak switches V = 1 ms   258 A     Reted operational current (le) at DC-13, achtrak switches V = 1 ms   258 A     Reted operational current (le) at DC-230, 400 V   258 A     Reted operational current (le) at DC-230, 400 V   258 A     Reted operational current (le) at DC-230, 400 V   258 A     Reted operational current (le) at DC-230, 400 V   258 A     Reted operational current (le) at DC-230, 400 V   258 A     Reted operational current (le) at DC-230, 400 V   258 A     Reted operational current (le) at DC-230, 400 V   258 A     Reted operational current (le) at DC-230, 400 V   258 A     Reted operational current (le) at DC-230, 400 V   258 A     Reted op	Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V	23.7 A
Rated operational current (le) at AC-3, 660 V, 690 VIA7 ARated operational current (le) at AC-23A, 230 V32 ARated operational current (le) at AC-33A, 300 V, 415 V32 ARated operational current (le) at AC-33A, 500 V26 A ARated operational current (le) at AC-33A, 500 V7ARated operational current (le) at AC-33A, 500 V7ARated operational current (le) at AC-33A, 500 V7ARated operational current (le) at DC-1, lead-break switches Vr = 1 ms25 ARated operational current (le) at DC-1, lead-break switches Vr = 1 ms20 ARated operational current (le) at DC-1, 240 V1ARated operational current (le) at DC-32A, 40 V25 ARated operational current (le) at DC-32A, 40 V25 ARated operational current (le) at DC-32A, 40 V25 ARated operational current (le) at DC-32A, 40 V12 ARated operational current (le) at DC-32A, 40 V12 ARated operational current (le) at DC-32A, 40 V12 ARated operational current (le) at DC-32A, 50 V, 50 Hz12 ARated operational current (le) at DC-32A, 50 V, 50 Hz11 KWRated operational power at AC-3, 360 V, 50 Hz11 KWRated operational power at AC-3, 460 V, 50 Hz15 KWRated operational power at AC-32A, 500 V, 50 Hz15 KWRated operational power at AC-32A, 500 V, 50 Hz15 KWRated operational power at AC-32A, 500 V, 50 Hz15 KWRated operational power at AC-32A, 500 V, 50 Hz15 KWRated operational power at AC-32A, 500 V, 50 Hz15 KWRated operational pow	Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	23.7 A
Rated operational current (le) at AC-21, 440 V 22 A   Rated operational current (le) at AC-23A, 200 V, 415 V 22 A   Rated operational current (le) at AC-23A, 200 V, 415 V 22 A   Rated operational current (le) at AC-23A, 800 V 26 4 A   Rated operational current (le) at AC-23A, 800 V 25 A   Rated operational current (le) at CC-1, load-break switches Vr = 1 ms 25 A   Rated operational current (le) at DC-1, load-break switches Vr = 1 ms 20 A   Rated operational current (le) at DC-1, load-break switches Vr = 1 ms 25 A   Rated operational current (le) at DC-21, 240 V 1 A   Rated operational current (le) at DC-23A, 84 V 25 A   Rated operational current (le) at DC-23A, 80 V 25 A   Rated operational current (le) at DC-23A, 80 V 25 A   Rated operational current (le) at DC-23A, 80 V 25 A   Rated operational current (le) at DC-23A, 80 V 25 A   Rated operational current (le) at DC-23A, 120 V 12 A   Rated operational current (le) at DC-23A, 120 V 12 A   Rated operational purent at AC-33, 380/400 V, 50 Hz 11 KW   Rated operational purent at AC-34, 500 V, 50 Hz 11 KW   Rated operational power at AC-34, 200 V, 50 Hz 15 KW   Rated operational power at AC-33A, 200 V, 50 Hz 15 KW   Rated operational power at AC-33A, 600 V, 50 Hz 15 KW </td <td>Rated operational current (Ie) at AC-3, 500 V</td> <td>23.7 A</td>	Rated operational current (Ie) at AC-3, 500 V	23.7 A
Rated operational current (le) at AC-23A, 230 V23 ARated operational current (le) at AC-23A, 600 V, 415 V25 ARated operational current (le) at AC-23A, 600 V264 ARated operational current (le) at AC-23A, 600 V7 ARated operational current (le) at DC-1, 2do 4break switches (r = 1 ms)25 ARated operational current (le) at DC-21, 2d0 V264 ARated operational current (le) at DC-23A, 240 V25 ARated operational current (le) at DC-23A, 48 V25 ARated operational current (le) at DC-23A, 48 V25 ARated operational current (le) at DC-23A, 48 V25 ARated operational current (le) at DC-23A, 240 V25 ARated operational power at AC-3A, 380400 V, 50 Hz11 KWRated operational power at AC-3A, 240 V, 50 Hz11 KWRated operational power at AC-3A, 240 V, 50 Hz11 KWRated operational power at AC-23A, 200 V, 50 Hz15 KWRated operational power at AC-23A, 200 V, 50 Hz15 KWRated operational power at AC-23A, 200 V, 50 Hz15 KWRated operational power at AC-23A, 200 V, 50 Hz15 KWRated operational power at AC-23A, 200 V, 50 Hz15 KWRated operational power at AC-23A, 200 V, 50 Hz15 KWRated operational power at AC-3A, 200 V, 50	Rated operational current (Ie) at AC-3, 660 V, 690 V	14.7 A
Rated operational current (le) at AC-23A, 400 V, 415 V24Rated operational current (le) at AC-23A, 600 V26.4 ARated operational current (le) at AC-23A, 600 V17 ARated operational current (le) at DC-1, load-brack switches (lr = 1 ms25 ARated operational current (le) at DC-21, 200 V20 ARated operational current (le) at DC-23A, 240 V26 ARated operational current (le) at DC-23A, 240 V25 ARated operational purent at AC-3, 380400 V, 50 Hz12 ARated operational power at AC-3, 415 V, 50 Hz11 KWRated operational power at AC-3, 415 V, 50 Hz15 KWRated operational power at AC-23A, 20203 V, 50 Hz5 KWRated operational power at AC-23A, 20203 V, 50 Hz15 KWRated operational power at AC-23A, 200 V, 50 Hz15 KWRated operational power at AC-23A, 20203 V, 50 Hz15 KWRated operational power at AC-23A, 20203 V, 50 Hz15 KWRated operational power at AC-23A, 200 V, 50 Hz15 KWRated operational power at AC-23A, 50 V, 50 Hz15 KWRated operational power at AC-23A, 50 V, 50 Hz15 KWRated operational power at AC-23A, 50 V, 50 Hz15 KWRated operational power at AC-30, 50 H	Rated operational current (Ie) at AC-21, 440 V	32 A
Rated operational current (le) at AC-23A, 500 V26.4 ARated operational current (le) at AC-23A, 500 V17 ARated operational current (le) at DC-1, load-break switches I/R = 50 ms25 ARated operational current (le) at DC-13, control switches I/R = 50 ms20 ARated operational current (le) at DC-21, 200 V1ARated operational current (le) at DC-23A, 24 V25 ARated operational current (le) at DC-23A, 48 V25 ARated operational current (le) at DC-23A, 48 V25 ARated operational current (le) at DC-23A, 40 V25 ARated operational current (le) at DC-23A, 20 V25 ARated operational current (le) at DC-23A, 20 V25 ARated operational current (le) at DC-23A, 20 V5 ARated operational current (le) at DC-23A, 20 V5 ARated operational current (le) at DC-23A, 20 V5 ARated operational power at AC-3, 380,400 V, 50 Hz11 kWRated operational power at AC-3, 380,400 V, 50 Hz15 kWRated operational power at AC-3, 450 V, 50 Hz15 kWRated operational power at AC-23A, 500 V, 50 Hz15 kWRated operational power at AC-23A, 500 V, 50 Hz15 kWRated operational power at AC-23A, 500 V, 50 Hz15 kWRated operational power at AC-23A, 500 V, 50 Hz15 kWRated operational power at AC-23A, 500 V, 50 Hz15 kWRated operational power at AC-23A, 500 V, 50 Hz15 kWRated operational power at AC-23A, 500 V, 50 Hz15 kWRated operational power star-delta at 380 V, 50 Hz16 StWRated operational power star-d	Rated operational current (Ie) at AC-23A, 230 V	32 A
Rated operational current (le) at AC-23A, 690 V17 ARated operational current (le) at DC-1, load-break switches I/r = 1 ms25 ARated operational current (le) at DC-13, control switches I/r = 50 ms20 ARated operational current (le) at DC-21, 240 V1 ARated operational current (le) at DC-23A, 24 V25 ARated operational current (le) at DC-23A, 48 V25 ARated operational current (le) at DC-23A, 48 V25 ARated operational current (le) at DC-23A, 40 V25 ARated operational current (le) at DC-23A, 240 V25 ARated operational current (le) at DC-23A, 240 V25 ARated operational current (le) at DC-23A, 240 V26 ARated operational power at AC-33, 800 V, 50 Hz11 kWRated operational power at AC-33A, 690 V, 50 Hz11 kWRated operational power at AC-33A, 200 V, 50 Hz15 kWRated operational power at AC-23A, 200 V, 50 Hz15 kWRated operational power at AC-23A, 690 V, 50 Hz15 kWRated operational power at AC-23A, 690 V, 50 Hz15 kWRated operational power at AC-23A, 690 V, 50 Hz15 kWRated operational power at AC-23A, 690 V, 50 Hz15 kWRated operational power star-delta at 290 V, 50 Hz15 kWRated operational power star-delta at 300 V, 50 Hz15 kWRated operational power star-delta at 300 V, 50 Hz15 kWRated operational power star-delta at 300 V, 50 Hz15 kWRated operational power star-delta at 300 V, 50 Hz15 kWRated operational power star-delta at 300 V, 50 Hz15 kWRated oper	Rated operational current (Ie) at AC-23A, 400 V, 415 V	32 A
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Rated operational power star-delta at 500 V, 50 Hz 18.5 kW   Rated operational power star-delta at 690 V, 50 Hz 22 kW   Rated operational voltage (Ue) at AC - max 600 V   Rated uninterrupted current (Iu) 22 kW		
Rated operational power star-delta at 690 V, 50 Hz 22 kW   Rated operational voltage (Ue) at AC - max 690 V   Rated uninterrupted current (Iu) 32 A	Rated operational power star-delta at 380/400 V, 50 Hz	
Rated operational voltage (Ue) at AC - max 690 V   Rated uninterrupted current (Iu) 32 A	Rated operational power star-delta at 500 V, 50 Hz	18.5 kW
Rated uninterrupted current (Iu) 32 A	Rated operational power star-delta at 690 V, 50 Hz	22 kW
	Rated operational voltage (Ue) at AC - max	690 V
Uninterrupted current lu is specified for max. cross-section.	Rated uninterrupted current (Iu)	32 A
	Uninterrupted current	Rated uninterrupted current lu is specified for max. cross-section.

Short-circuit rating	
Rated conditional short-circuit current (Ig)	1 kA
Rated short-time withstand current (Icw)	650 A, Contacts, 1 second
Short-circuit current rating (basic rating)	40A, max. Fuse, SCCR (UL/CSA)
	5 kA, SCCR (UL/CSA)
Short-circuit current rating (high fault)	40 A, Class J, max. Fuse, SCCR (UL/CSA) 10 kA, SCCR (UL/CSA)
Short-circuit protection rating	35 A gG/gL, Fuse, Contacts
Switching capacity	
Load rating	1.6 x l# (with intermittent operation class 12, 40 % duty factor) 2 x l# (with intermittent operation class 12, 25 % duty factor) 1.3 x l# (with intermittent operation class 12, 60 % 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)	25 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) P600 (UL/CSA)
Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)	320 A
Voltage per contact pair in series	60 V
Motor rating	
Assigned motor power at 115/120 V, 60 Hz, 1-phase	1.5 HP
Assigned motor power at 200/208 V, 60 Hz, 1-phase	3 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	3 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	10 HP
Contacts	
Control circuit reliability	1 failure per 100,000 switching operations statistically determined, at 24 V DC, 10 mA)
Number of auxiliary contacts (change-over contacts)	0
Number of auxiliary contacts (normally closed contacts)	0
Number of auxiliary contacts (normally open contacts)	0
Number of contacts	7
Actuator Actuator function	Maintained
	With 0 (Off) position
Actuator type	Short thumb-grip
Design verification	
Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	1.1 W
Rated operational current for specified heat dissipation (In)	32 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) / Off-load switch (EC001105)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Load-break switch (ecl@ss13-27-37-14-05 [AKF062018])

Model		Pole switch
Number of poles		3
With zero (off) position		Yes
With retraction in 0-position		No
Rated permanent current lu	А	32
Rated operation current le at AC-3, 400 V	А	23.7
Rated operation power at AC-3, 400 V	kW	12
Degree of protection (IP), front side		IP65
Degree of protection (NEMA), front side		12
Number of auxiliary contacts as normally closed contact		0
Number of auxiliary contacts as normally open contact		0
Number of auxiliary contacts as change-over contact		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
Housing material		Plastic
Type of control element		Short thumb-grip
Type of electrical connection of main circuit		Screw connection