Main switch, T5B, 63 A, surface mounting, 1 contact unit(s), 1 pole, Emergency switching off function, With red rotary handle and yellow locking ring, Lockable in the 0 (Off) position



Part no. T5B-1-8200/I4/SVB

207240

EL Number 1417162

(Norway)

(Norway)	
General specifications	
Product name	Eaton Moeller® series T5B Main switch
Part no.	T5B-1-8200/I4/SVB
EAN	4015082072407
Product Length/Depth	240 millimetre
Product height	169 millimetre
Product width	160 millimetre
Product weight	1.094 kilogram
Certifications	CE IEC/EN 60947 UL File No.: E36332 IEC/EN 60204 UL 60947-4-1 CSA File No.: 012528 CSA-C22.2 No. 60947-4-1-14 CSA Class No.: 3211-05 IEC/EN 60947-3 VDE 0660 UL Category Control No.: NLRV UL CSA-C22.2 No. 94 CSA
Product Tradename	T5B
Product Type	Main switch
Product Sub Type	None
Catalog Notes	Rated Short-time Withstand Current (Icw) for a time of 1 second
Features & Functions	
Features	Version as main switch Version as emergency stop installation Version as maintenance-/service switch
Fitted with:	Red rotary handle and yellow locking ring
Functions	Interlockable Emergency switching off function
Locking facility	Lockable in the 0 (Off) position
Number of poles	1
General information	
Degree of protection	NEMA 12
Degree of protection (front side)	IP65
Lifespan, mechanical	500,000 Operations
Mounting method	Surface mounting
Mounting position	As required
Number of contact units	1
Operating frequency	1200 Operations/h
Overvoltage category	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) Ground mounting
Switching angle	90 °
Climatic environmental conditions	

Ambient operating temperature - max Ambient operating temperature (enclosed) - mix Ambient operating temperature (enclosed) - max Cimatic proofing Damp beat, costant, to IEC 60089-2-78 Damp beat, cyclin, to IEC 60089-2-78 Damp beat,	Ambient operating temperature - min	-25 °C
Ambient operating temperature (enclosed) - max Climate proofing Terminal capacities Terminal capacity Te	Ambient operating temperature - max	40 °C
Climatic proofing Clim	Ambient operating temperature (enclosed) - min	-25 °C
Damp heat, cyclic, to IEC 60086-2-30 Terminal capacities 2x (1.5 - 10) mm², flexible with ferrule to DIN 45228 12 - 4.3Mcs, solid or flexible with ferrule to 2 DIN 45228 12 - 4.3Mcs, solid or flexible with ferrule to 2 DIN 45228 12 - 4.3Mcs, solid or relacible with ferrule to 2 DIN 45228 2x (1.5 - 10) mm², flexible with ferrule to 2 DIN 45228 2x (1.5 - 10) mm², flexible with ferrule to 2 DIN 45228 2x (1.5 - 10) mm², flexible with ferrule to 2 DIN 45228 2x (1.5 - 10) mm², flexible with ferrule to 2 DIN 45228 2x (1.5 - 10) mm², flexible with ferrules to 2 DIN 45228 2x (1.5 - 10) mm², flexible with ferrules to 2 DIN 45228 2x (1.5 - 10) mm², flexible with ferrules to 2 DIN 45228 2x (1.5 - 10) mm², flexible with ferrules to 2 DIN 45228 2x (1.5 - 10) mm², flexible with ferrules to 2 DIN 45228 2x (1.5 - 10) mm², flexible with ferrules to 2 DIN 45228 2x (1.5 - 10) mm², flexible with ferrules to 2 DIN 45228 2x (1.5 - 10) mm², flexible with ferrules to 2 DIN 45228 2x (1.5 - 10) mm², flexible with ferrules to 2 DIN 45228 2x (1.5 - 10) mm², flexible with ferrules to 2 DIN 45228 2x (1.5 - 10) mm², flexible with ferrules to 2 DIN 45228 2x (1.5 - 10) mm², flexible with ferrules to 2 DIN 45288 2x (1.5 - 10) mm², flexible with ferrules to 2 DIN 45288 2x (1.5 - 10) mm², flexible with ferrules to 2 DIN 45288 2x (1.5 - 10) mm², flexible with ferrules to 2 DIN 45288 2x (1.5 - 10) mm², flexible with ferrules to 2 DIN 45288 2x (1.5 - 10) mm², flexible with ferrules to 2 DIN 45288 2x (1.5 - 10) mm², flexible with ferrules to 2 DIN 45288 2x (1.5 - 10) mm², flexible with ferrules and 2 DIN 45288 2x (1.5 - 10) mm², flexible with ferrules and 2 DIN 45288 2x (1.5 - 10) mm², flexible with ferrules and 2 DIN 45288 2x (1.5 - 10) mm², flexible with ferrules and 2 DIN 45288 2x (1.5 - 10) mm², flexible with ferrules and 2 DIN 45288 2x (1.5 - 10) mm², flexible with ferrules and 2 DIN 45288 2x (1.5 - 10) mm², flexible with flexible with flexible with flexible with flexible with	Ambient operating temperature (enclosed) - max	40 °C
2 c. (1.5 - 1.1) mm² Freelisk with rerule to DIN 42228	Climatic proofing	
12 - 4 AMG, Solid or flexible with freme! 1	Terminal capacities	
Electrical rating	•	12 - 4 AWG, solid or flexible with ferrule 1 x (2.5 - 35) mm², solid or stranded 1 x (1 - 25) mm², flexible with ferrules to DIN 46228
Selectrical rating	Screw size	M6, Terminal screw
Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3) Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3) Rated breaking capacity at 500 V (cos phi to IEC 60947-3) Rated breaking capacity at 500 W (cos phi to IEC 60947-3) Rated operational current (le) at AC-3, 220 V, 220 V, 240 V Rated operational current (le) at AC-3, 380 V, 400 V, 415 V Rated operational current (le) at AC-3, 380 V, 400 V, 415 V Rated operational current (le) at AC-3, 500 V Rated operational current (le) at AC-22A, 400 V, 415 V Rated operational current (le) at AC-23A, 500 V Rated operational current (le) at AC-23A, 800 V Rated operational current (le) at AC-23A, 800 V Rated operational current (le) at DC-3A, 800 V Rated operational current (le) star-delta at AC-3, 800,400 V Rated operational current (le) star-delta at AC-3, 800,400 V Rated operational current (le) star-delta at AC-3, 800,400 V Rated operational current (le) star-delta at AC-3, 800,400 V Rated operational current (le) star-delta at AC-3, 800,400 V Rated operational power at AC-3, 800,400 V, 50 Hz Rated operational power at AC-3, 800,400 V, 50 Hz Rated operational power at AC-3,800,400 V, 50	Tightening torque	
Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3) Rated breaking capacity at 500 V (cos phi to IEC 60947-3) Rated breaking capacity at 500 V (cos phi to IEC 60947-3) Rated operational current (le) at AC-3, 220 V, 230 V, 240 V S1 A Rated operational current (le) at AC-3, 500 V Rated operational current (le) at AC-3, 500 V Rated operational current (le) at AC-3, 660 V, 690 V Rated operational current (le) at AC-3, 660 V, 690 V Rated operational current (le) at AC-3, 660 V, 690 V Rated operational current (le) at AC-3, 660 V, 690 V Rated operational current (le) at AC-23, 400 V Rated operational current (le) at AC-23, 400 V Rated operational current (le) at AC-23A, 400 V, 415 V Rated operational current (le) at AC-23A, 400 V Rated operational current (le) at AC-23A, 400 V Rated operational current (le) at AC-23A, 690 V Rated operational current (le) at AC-23A, 690 V Rated operational current (le) at CC-3A, 500 V Rated operational current (le) at DC-13, control switches L/r = 50 ms Rated operational current (le) at DC-3A, 690 V Rated operational current (le) at DC-23A, 24 V 50 A Rated operational current (le) at DC-23A, 80 V Rated operational current (le) at DC-23A, 240 V Rated operational current (le) at AC-3, 500 V Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operati	Electrical rating	
Rated breaking capacity at 500 V (cos phi to IEC 60947-3) Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3) Rated operational current (le) at AC-3, 200 V, 230 V, 240 V Rated operational current (le) at AC-3, 500 V Rated operational current (le) at AC-3, 500 V Rated operational current (le) at AC-3, 500 V Rated operational current (le) at AC-23, 660 V, 690 V Rated operational current (le) at AC-23, 200 V Rated operational current (le) at AC-224, 440 V Rated operational current (le) at AC-234, 400 V, 415 V Rated operational current (le) at AC-234, 400 V, 415 V Rated operational current (le) at AC-234, 400 V, 415 V Rated operational current (le) at AC-234, 500 V Rated operational current (le) at AC-234, 500 V Rated operational current (le) at AC-234, 500 V Rated operational current (le) at AC-340, 600 V Rated operational current (le) at DC-13, control switches l/r = 1 ms Rated operational current (le) at DC-334, 24 V Rated operational current (le) at DC-334, 80 V Rated operational current (le) at DC-334, 80 V Rated operational current (le) at DC-334, 80 V Rated operational current (le) at DC-334, 24 V Rated operational current (le) at DC-334, 240 V Rated operational current (le) star-delta at AC-3, 200/230 V Rated operational current (le) star-delta at AC-3, 500 V Rated operational current (le) star-delta at AC-3, 500 V Rated operational purrent AC-3, 380/400 V, 50 Hz Rated operational power at AC-3, 150 V, 50 Hz Rated operational power at AC-3, 150 V, 50 Hz Rated operational power at AC-3, 250 V, 50 Hz Rated operational power at AC-3, 250 V, 50 Hz Rated operational power at AC-3, 250 V, 50 Hz Rated operational power at AC-3, 250 V, 50 Hz Rated operational power at AC-224, 220/230	Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3)	520 A
Rated perational current (le) at AC-32, 220 V, 230 V, 240 V Rated operational current (le) at AC-3, 220 V, 230 V, 240 V Rated operational current (le) at AC-3, 380 V, 400 V, 415 V Rated operational current (le) at AC-3, 380 V, 400 V, 415 V Rated operational current (le) at AC-3, 560 V, 690 V Rated operational current (le) at AC-3, 560 V, 690 V Rated operational current (le) at AC-3, 400 V, 415 V Rated operational current (le) at AC-23A, 200 V Rated operational current (le) at AC-23A, 400 V, 415 V Rated operational current (le) at AC-23A, 500 V Rated operational current (le) at AC-23A, 500 V Rated operational current (le) at AC-23A, 500 V Rated operational current (le) at DC-1, load-break switches [/r = 1 ms	Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3)	600 A
Rated operational current (le) at AC-3, 220 V, 230 V, 240 V Rated operational current (le) at AC-3, 380 V, 400 V, 415 V Rated operational current (le) at AC-3, 500 V Rated operational current (le) at AC-3, 650 V, 590 V Rated operational current (le) at AC-3, 650 V, 590 V Rated operational current (le) at AC-23, 650 V, 590 V Rated operational current (le) at AC-23A, 620 V Rated operational current (le) at AC-23A, 400 V, 415 V Rated operational current (le) at AC-23A, 500 V Rated operational current (le) at AC-23A, 500 V Rated operational current (le) at AC-23A, 500 V Rated operational current (le) at DC-13. control switches \(\frac{1}{2} \) 1 ms Rated operational current (le) at DC-13. control switches \(\frac{1}{2} \) 1 ms Rated operational current (le) at DC-23A, 24V Rated operational current (le) at DC-23A, 250 V Rated operational current (le) at DC-23A, 250 V Rated operational power at AC-3, 380,400 V, 50 Hz Rated operational power at AC-3, 380,400 V, 50 Hz Rated operational power at AC-3, 380,400 V, 50 Hz Rated operational power at AC-3, 380, 500 V, 50 Hz Rated operational power at AC-3, 380, 500 V, 50 Hz Rated operational power at AC-3, 380, 500 V, 50 Hz Rated operational power at AC-3, 380, 500 V, 50 Hz Rated operational power at AC-3, 380, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 50	Rated breaking capacity at 500 V (cos phi to IEC 60947-3)	480 A
Rated operational current (le) at AC-3, 380 V, 400 V, 415 V 41 A Rated operational current (le) at AC-3, 500 V 17 A Rated operational current (le) at AC-31, 680 V, 680 V 17 A Rated operational current (le) at AC-234, 400 V 63 A Rated operational current (le) at AC-234, 200 V 63 A Rated operational current (le) at AC-234, 500 V 33 A Rated operational current (le) at AC-234, 500 V 33 A Rated operational current (le) at AC-234, 500 V 33 A Rated operational current (le) at AC-234, 500 V 23.8 A Rated operational current (le) at DC-13, control switches l/R = 50 ms 63 A Rated operational current (le) at DC-13, control switches l/R = 50 ms 25 A Rated operational current (le) at DC-23A, 48 V 50 A Rated operational current (le) at DC-23A, 80 V 50 A Rated operational current (le) at DC-23A, 20 V 25 A Rated operational current (le) at DC-23A, 20 V 25 A Rated operational current (le) at DC-23A, 20 V 20 A Rated operational current (le) at DC-23A, 20 V 20 A Rated operational current (le) at AC-3, 380/400 V 63 A Rated operational power at AC-3, 380/400 V, 50 Hz 22 kW Rated operationa	Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)	340 A
Rated operational current (le) at AC-3, 500 V	Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V	51 A
Rated operational current (le) at AC-3, 660 V, 690 V 17 A Rated operational current (le) at AC-23A, 230 V 63 A Rated operational current (le) at AC-23A, 230 V 63 A Rated operational current (le) at AC-23A, 400 V, 415 V 63 A Rated operational current (le) at AC-23A, 590 V 33 A Rated operational current (le) at AC-23A, 690 V 23.8 A Rated operational current (le) at DC-1, load-break switches Vr = 1 ms 63 A Rated operational current (le) at DC-23A, 24 V 50 A Rated operational current (le) at DC-23A, 24 V 50 A Rated operational current (le) at DC-23A, 80 V 50 A Rated operational current (le) at DC-23A, 240 V 25 A Rated operational current (le) at DC-23A, 240 V 25 A Rated operational current (le) at DC-23A, 240 V 20 A Rated operational current (le) at DC-33A, 240 V 20 A Rated operational current (le) star-delta at AC-3, 20/230 V 63 A Rated operational current (le) star-delta at AC-3, 580/400 V 63 A Rated operational current (le) star-delta at AC-3, 690 V 52.2 A Rated operational power at AC-3, 380/400 V, 50 Hz 22 kW Rated operational power at AC-3, 415 V, 50 Hz 22 kW Rated	Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	41 A
Rated operational current (le) at AC-21, 440 V 63 A Rated operational current (le) at AC-23A, 230 V 63 A Rated operational current (le) at AC-23A, 400 V, 415 V 63 A Rated operational current (le) at AC-23A, 500 V 33 A Rated operational current (le) at AC-23A, 690 V 23.8 A Rated operational current (le) at DC-1, load-break switches Vr = 1 ms 63 A Rated operational current (le) at DC-13, control switches VR = 50 ms 25 A Rated operational current (le) at DC-23A, 24 V 50 A Rated operational current (le) at DC-23A, 48 V 50 A Rated operational current (le) at DC-23A, 48 V 50 A Rated operational current (le) at DC-23A, 40 V 50 A Rated operational current (le) at DC-23A, 20 V 25 A Rated operational current (le) star-delta at AC-3, 200 V 63 A Rated operational current (le) star-delta at AC-3, 2500 V 63 A Rated operational current (le) star-delta at AC-3, 500 V 57 2 A Rated operational power at AC-3, 450 V, 50 Hz 22 kW Rated operational power at AC-3, 500 V, 50 Hz 22 kW Rated operational power at AC-3, 500 V, 50 Hz 15 kW Rated operational power at AC-3, 600 V, 50 Hz 15 kW Rate	Rated operational current (Ie) at AC-3, 500 V	33 A
Rated operational current (le) at AC-23A, 230 V 63 A Rated operational current (le) at AC-23A, 400 V, 415 V 63 A Rated operational current (le) at AC-23A, 500 V 33 A Rated operational current (le) at AC-23A, 690 V 23.8 A Rated operational current (le) at DC-1, load-break switches l/r = 1 ms 63 A Rated operational current (le) at DC-13, control switches l/R = 50 ms 25 A Rated operational current (le) at DC-23A, 24 V 50 A Rated operational current (le) at DC-23A, 48 V 50 A Rated operational current (le) at DC-23A, 48 V 50 A Rated operational current (le) at DC-23A, 120 V 25 A Rated operational current (le) at DC-23A, 240 V 25 A Rated operational current (le) at DC-23A, 240 V 63 A Rated operational current (le) star-delta at AC-3, 220/230 V 63 A Rated operational current (le) star-delta at AC-3, 500 V 63 A Rated operational current (le) star-delta at AC-3, 690 V 29 A Rated operational power at AC-3, 380/400 V, 50 Hz 22 kW Rated operational power at AC-3, 415 V, 50 Hz 22 kW Rated operational power at AC-3, 690 V, 50 Hz 15 kW Rated operational power at AC-3, 690 V, 50 Hz 18.5 kW	Rated operational current (Ie) at AC-3, 660 V, 690 V	17 A
Rated operational current (le) at AC-23A, 400 V, 415 V 63 A Rated operational current (le) at AC-23A, 500 V 33 A Rated operational current (le) at DC-1, load-break switches l/r = 1 ms 63 A Rated operational current (le) at DC-13, control switches L/R = 50 ms 25 A Rated operational current (le) at DC-23A, 24 V 50 A Rated operational current (le) at DC-23A, 48 V 50 A Rated operational current (le) at DC-23A, 60 V 50 A Rated operational current (le) at DC-23A, 120 V 25 A Rated operational current (le) at DC-23A, 240 V 20 A Rated operational current (le) star-delta at AC-3, 220/230 V 63 A Rated operational current (le) star-delta at AC-3, 380/400 V 63 A Rated operational current (le) star-delta at AC-3, 690 V 57.2 A Rated operational power at AC-3, 380/400 V, 50 Hz 22 kW Rated operational power at AC-3, 415 V, 50 Hz 22 kW Rated operational power at AC-3A, 690 V, 50 Hz 15 kW Rated operational power at AC-3A, 690 V, 50 Hz 18.5 kW Rated operational power at AC-3A, 690 V, 50 Hz 30 kW Rated operational power at AC-2A, 400 V, 50 Hz 30 kW Rated operational power at AC-2A, 500 V, 50 Hz 30 kW <td>Rated operational current (Ie) at AC-21, 440 V</td> <td>63 A</td>	Rated operational current (Ie) at AC-21, 440 V	63 A
Rated operational current (le) at AC-23A, 500 V 33 A Rated operational current (le) at AC-23A, 690 V 23.8 A Rated operational current (le) at DC-13, control switches I/r = 1 ms 63 A Rated operational current (le) at DC-13, control switches I/R = 50 ms 25 A Rated operational current (le) at DC-23A, 24 V 50 A Rated operational current (le) at DC-23A, 48 V 50 A Rated operational current (le) at DC-23A, 60 V 50 A Rated operational current (le) at DC-23A, 120 V 25 A Rated operational current (le) at DC-23A, 240 V 20 A Rated operational current (le) star-delta at AC-3, 220/230 V 63 A Rated operational current (le) star-delta at AC-3, 500 V 57.2 A Rated operational current (le) star-delta at AC-3, 690 V 29.4 A Rated operational power at AC-3, 380/400 V, 50 Hz 22 kW Rated operational power at AC-3, 415 V, 50 Hz 22 kW Rated operational power at AC-3A, 500 V, 50 Hz 15 kW Rated operational power at AC-3A, 690 V, 50 Hz 18.5 kW Rated operational power at AC-23A, 400 V, 50 Hz 30 kW Rated operational power at AC-23A, 400 V, 50 Hz 30 kW Rated operational power at AC-23A, 500 V, 50 Hz 30 kW	Rated operational current (Ie) at AC-23A, 230 V	63 A
Rated operational current (le) at AC-23A, 690 V 23.8 A Rated operational current (le) at DC-1, load-break switches I/R = 10 ms 63 A Rated operational current (le) at DC-23A, 24 V 50 A Rated operational current (le) at DC-23A, 24 V 50 A Rated operational current (le) at DC-23A, 48 V 50 A Rated operational current (le) at DC-23A, 80 V 50 A Rated operational current (le) at DC-23A, 120 V 25 A Rated operational current (le) at DC-23A, 240 V 20 A Rated operational current (le) star-delta at AC-3, 220/230 V 63 A Rated operational current (le) star-delta at AC-3, 380/400 V 63 A Rated operational current (le) star-delta at AC-3, 500 V 57.2 A Rated operational current (le) star-delta at AC-3, 690 V 29.4 A Rated operational power at AC-3, 380/400 V, 50 Hz 22 kW Rated operational power at AC-3, 380/400 V, 50 Hz 22 kW Rated operational power at AC-3, 690 V, 50 Hz 15 kW Rated operational power at AC-32A, 220/230 V, 50 Hz 18.5 kW Rated operational power at AC-23A, 400 V, 50 Hz 18.5 kW Rated operational power at AC-23A, 500 V, 50 Hz 18.5 kW Rated operational power at AC-23A, 500 V, 50 Hz 22 kW <td>Rated operational current (Ie) at AC-23A, 400 V, 415 V</td> <td>63 A</td>	Rated operational current (Ie) at AC-23A, 400 V, 415 V	63 A
Rated operational current (le) at DC-1, load-break switches I/r = 1 ms 63 A Rated operational current (le) at DC-13, control switches I/R = 50 ms 25 A Rated operational current (le) at DC-23A, 24 V 50 A Rated operational current (le) at DC-23A, 48 V 50 A Rated operational current (le) at DC-23A, 80 V 50 A Rated operational current (le) at DC-23A, 120 V 25 A Rated operational current (le) at DC-23A, 240 V 20 A Rated operational current (le) star-delta at AC-3, 220/230 V 63 A Rated operational current (le) star-delta at AC-3, 380/400 V 63 A Rated operational current (le) star-delta at AC-3, 500 V 57.2 A Rated operational power at AC-3, 380/400 V, 50 Hz 22 kW Rated operational power at AC-3, 380/400 V, 50 Hz 22 kW Rated operational power at AC-3, 415 V, 50 Hz 22 kW Rated operational power at AC-3, 690 V, 50 Hz 15 kW Rated operational power at AC-3, 690 V, 50 Hz 15 kW Rated operational power at AC-23A, 220/230 V, 50 Hz 18.5 kW Rated operational power at AC-23A, 20/230 V, 50 Hz 30 kW Rated operational power at AC-23A, 500 V, 50 Hz 22 kW	Rated operational current (Ie) at AC-23A, 500 V	33 A
Rated operational current (le) at DC-13A, control switches L/R = 50 ms 25 A Rated operational current (le) at DC-23A, 24 V 50 A Rated operational current (le) at DC-23A, 48 V 50 A Rated operational current (le) at DC-23A, 60 V 50 A Rated operational current (le) at DC-23A, 120 V 25 A Rated operational current (le) at DC-23A, 240 V 20 A Rated operational current (le) star-delta at AC-3, 220/230 V 63 A Rated operational current (le) star-delta at AC-3, 380/400 V 63 A Rated operational current (le) star-delta at AC-3, 500 V 57.2 A Rated operational power at AC-3, 880/400 V, 50 Hz 22 kW Rated operational power at AC-3, 415 V, 50 Hz 22 kW Rated operational power at AC-3, 500 V, 50 Hz 15 kW Rated operational power at AC-3, 690 V, 50 Hz 15 kW Rated operational power at AC-23A, 220/230 V, 50 Hz 18.5 kW Rated operational power at AC-23A, 400 V, 50 Hz 30 kW Rated operational power at AC-23A, 500 V, 50 Hz 30 kW Rated operational power at AC-23A, 500 V, 50 Hz 22 kW	Rated operational current (Ie) at AC-23A, 690 V	23.8 A
Rated operational current (le) at DC-23A, 24 V Rated operational current (le) at DC-23A, 48 V So A Rated operational current (le) at DC-23A, 60 V Rated operational current (le) at DC-23A, 120 V Rated operational current (le) at DC-23A, 120 V Rated operational current (le) at DC-23A, 240 V Rated operational current (le) star-delta at AC-3, 220/230 V Rated operational current (le) star-delta at AC-3, 380/400 V Rated operational current (le) star-delta at AC-3, 380/400 V Rated operational current (le) star-delta at AC-3, 500 V Rated operational current (le) star-delta at AC-3, 690 V Rated operational power at AC-3, 380/400 V, 50 Hz Rated operational power at AC-3, 415 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-32A, 220/230 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-3A, 500 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz	Rated operational current (Ie) at DC-1, load-break switches I/r = 1 ms	63 A
Rated operational current (le) at DC-23A, 48 V Rated operational current (le) at DC-23A, 60 V Rated operational current (le) at DC-23A, 120 V Rated operational current (le) at DC-23A, 120 V Rated operational current (le) at DC-23A, 240 V Rated operational current (le) star-delta at AC-3, 220/230 V Rated operational current (le) star-delta at AC-3, 380/400 V Rated operational current (le) star-delta at AC-3, 500 V Rated operational current (le) star-delta at AC-3, 690 V Rated operational power at AC-3, 380/400 V, 50 Hz Rated operational power at AC-3, 415 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 690 V, 50 Hz Rated operational power at AC-3, 690 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 690 V, 50 Hz Rated operational power at AC-3, 690 V, 50 Hz Rated operational power at AC-3, 690 V, 50 Hz Rated operational power at AC-23A, 220/230 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz	Rated operational current (Ie) at DC-13, control switches L/R = 50 ms	25 A
Rated operational current (Ie) at DC-23A, 60 V Rated operational current (Ie) at DC-23A, 120 V Rated operational current (Ie) at DC-23A, 240 V Rated operational current (Ie) star-delta at AC-3, 220/230 V Rated operational current (Ie) star-delta at AC-3, 380/400 V Rated operational current (Ie) star-delta at AC-3, 380/400 V Rated operational current (Ie) star-delta at AC-3, 500 V Rated operational current (Ie) star-delta at AC-3, 690 V Rated operational power at AC-3, 380/400 V, 50 Hz Rated operational power at AC-3, 415 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 690 V, 50 Hz Rated operational power at AC-3A, 220/230 V, 50 Hz Rated operational power at AC-23A, 220/230 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz	Rated operational current (Ie) at DC-23A, 24 V	50 A
Rated operational current (Ie) at DC-23A, 120 V 25 A Rated operational current (Ie) at DC-23A, 240 V 20 A Rated operational current (Ie) star-delta at AC-3, 220/230 V 63 A Rated operational current (Ie) star-delta at AC-3, 380/400 V 63 A Rated operational current (Ie) star-delta at AC-3, 500 V 57.2 A Rated operational current (Ie) star-delta at AC-3, 690 V 29.4 A Rated operational power at AC-3, 380/400 V, 50 Hz 22 kW Rated operational power at AC-3, 415 V, 50 Hz 22 kW Rated operational power at AC-3, 500 V, 50 Hz 15 kW Rated operational power at AC-3A, 220/230 V, 50 Hz 18.5 kW Rated operational power at AC-23A, 400 V, 50 Hz 30 kW Rated operational power at AC-23A, 500 V, 50 Hz 22 kW	Rated operational current (Ie) at DC-23A, 48 V	50 A
Rated operational current (Ie) at DC-23A, 240 V Rated operational current (Ie) star-delta at AC-3, 220/230 V Rated operational current (Ie) star-delta at AC-3, 380/400 V Rated operational current (Ie) star-delta at AC-3, 500 V Rated operational current (Ie) star-delta at AC-3, 690 V Rated operational power at AC-3, 380/400 V, 50 Hz Rated operational power at AC-3, 415 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 690 V, 50 Hz Rated operational power at AC-3, 690 V, 50 Hz Rated operational power at AC-33, 690 V, 50 Hz Rated operational power at AC-23A, 220/230 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz	Rated operational current (Ie) at DC-23A, 60 V	50 A
Rated operational current (le) star-delta at AC-3, 220/230 V Rated operational current (le) star-delta at AC-3, 380/400 V Rated operational current (le) star-delta at AC-3, 500 V Rated operational current (le) star-delta at AC-3, 500 V Rated operational power at AC-3, 380/400 V, 50 Hz Rated operational power at AC-3, 380/400 V, 50 Hz Rated operational power at AC-3, 415 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 690 V, 50 Hz Rated operational power at AC-23A, 220/230 V, 50 Hz Rated operational power at AC-23A, 220/230 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz	Rated operational current (Ie) at DC-23A, 120 V	25 A
Rated operational current (le) star-delta at AC-3, 380/400 V Rated operational current (le) star-delta at AC-3, 500 V 57.2 A Rated operational current (le) star-delta at AC-3, 690 V 29.4 A Rated operational power at AC-3, 380/400 V, 50 Hz Rated operational power at AC-3, 415 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 690 V, 50 Hz Rated operational power at AC-3, 690 V, 50 Hz Rated operational power at AC-23A, 220/230 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz	Rated operational current (le) at DC-23A, 240 V	20 A
Rated operational current (Ie) star-delta at AC-3, 500 V Rated operational current (Ie) star-delta at AC-3, 690 V Rated operational power at AC-3, 380/400 V, 50 Hz Rated operational power at AC-3, 415 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 690 V, 50 Hz Rated operational power at AC-3, 690 V, 50 Hz Rated operational power at AC-23A, 220/230 V, 50 Hz Rated operational power at AC-23A, 220/230 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz	Rated operational current (le) star-delta at AC-3, 220/230 V	63 A
Rated operational current (Ie) star-delta at AC-3, 690 V Rated operational power at AC-3, 380/400 V, 50 Hz Rated operational power at AC-3, 415 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 690 V, 50 Hz Rated operational power at AC-23A, 220/230 V, 50 Hz Rated operational power at AC-23A, 220/230 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz	Rated operational current (le) star-delta at AC-3, 380/400 V	63 A
Rated operational power at AC-3, 380/400 V, 50 Hz Rated operational power at AC-3, 415 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 690 V, 50 Hz Rated operational power at AC-23A, 220/230 V, 50 Hz Rated operational power at AC-23A, 220/230 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz	Rated operational current (le) star-delta at AC-3, 500 V	57.2 A
Rated operational power at AC-3, 415 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 690 V, 50 Hz Rated operational power at AC-33A, 220/230 V, 50 Hz Rated operational power at AC-23A, 220/230 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz 22 kW	Rated operational current (le) star-delta at AC-3, 690 V	29.4 A
Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 690 V, 50 Hz Rated operational power at AC-23A, 220/230 V, 50 Hz Rated operational power at AC-23A, 220/230 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz 22 kW	Rated operational power at AC-3, 380/400 V, 50 Hz	22 kW
Rated operational power at AC-3, 690 V, 50 Hz Rated operational power at AC-23A, 220/230 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz 22 kW	Rated operational power at AC-3, 415 V, 50 Hz	22 kW
Rated operational power at AC-23A, 220/230 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz 22 kW	Rated operational power at AC-3, 500 V, 50 Hz	22 kW
Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz 22 kW	Rated operational power at AC-3, 690 V, 50 Hz	15 kW
Rated operational power at AC-23A, 500 V, 50 Hz	Rated operational power at AC-23A, 220/230 V, 50 Hz	18.5 kW
	Rated operational power at AC-23A, 400 V, 50 Hz	30 kW
Detect or sectional account AC 20A COON FOLLS	Rated operational power at AC-23A, 500 V, 50 Hz	22 kW
Rated operational power at AC-23A, 690 V, 50 Hz	Rated operational power at AC-23A, 690 V, 50 Hz	22 kW
Rated operational power star-delta at 220/230 V, 50 Hz	Rated operational power star-delta at 220/230 V, 50 Hz	18.5 kW
Rated operational power star-delta at 380/400 V, 50 Hz	Rated operational power star-delta at 380/400 V, 50 Hz	30 kW
Rated operational power star-delta at 500 V, 50 Hz	Rated operational power star-delta at 500 V, 50 Hz	37 kW
Rated operational power star-delta at 690 V, 50 Hz	Rated operational power star-delta at 690 V, 50 Hz	22 kW
Rated uninterrupted current (Iu) 63 A	Rated uninterrupted current (Iu)	63 A
Uninterrupted current lu is specified for max. cross-section.	Uninterrupted current	Rated uninterrupted current lu is specified for max. cross-section.
Short-circuit rating	Short-circuit rating	
Rated conditional short-circuit current (Iq) 2 kA	Rated conditional short-circuit current (Iq)	2 kA
Rated short-time withstand current (Icw) 1.3 kA 1.3 kA, Contacts, 1 second	Rated short-time withstand current (Icw)	

100 A, Class J, max. Fuse, SCCR (UL/CSA) 10 kA, SCCR (UL/CSA)		
80 A gG/gL, Fuse, Contacts		
2×1 # (with intermittent operation class 12, 25 % duty factor) 1.6 x I# (with intermittent operation class 12, 40 % duty factor) 1.3 x I# (with intermittent operation class 12, 60 % duty factor)		
1		
2		
3		
3		
6		
63 A, Rated uninterrupted current max. (UL/CSA)		
800 A		
60 V		
3 HP		
7.5 HP		
15 HP		
10 HP		
15 HP		
40 HP		
40 HP		
1 failure per 100,000 switching operations statistically determined, at 24 V DC, 10 mA)		
0		
0		
0		
Red		
Door coupling rotary drive		
4.5 W		
0 W		
4.5 W 63 A		
0 W		
Meets the product standard's requirements.		
Meets the product standard's requirements.		
Meets the product standard's requirements.		
Meets the product standard's requirements.		
UV resistance only in connection with protective shield.		
Does not apply, since the entire switchgear needs to be evaluated.		
Does not apply, since the entire switchgear needs to be evaluated.		
Meets the product standard's requirements.		
Does not apply, since the entire switchgear needs to be evaluated.		
Meets the product standard's requirements.		
Does not apply, since the entire switchgear needs to be evaluated.		
Does not apply, since the entire switchgear needs to be evaluated.		
Is the panel builder's responsibility.		
Is the panel builder's responsibility.		
In the nanel hulder's responsibility		
Is the panel builder's responsibility. 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) / Switch disconnector (EC000216)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Switch disconnector (ecl@ss10.0.1-27-37-14-03 [AKF060013])

[AKF060013])		
Version as main switch		Yes
Version as maintenance-/service switch		Yes
Version as safety switch		No
Version as emergency stop installation		Yes
Version as reversing switch		No
Number of switches		1
Max. rated operation voltage Ue AC	V	690
Rated operating voltage	V	690 - 690
Rated permanent current lu	Α	63
Rated permanent current at AC-23, 400 V	Α	63
Rated permanent current at AC-21, 400 V	Α	63
Rated operation power at AC-3, 400 V	kW	22
Rated short-time withstand current lcw	kA	1.3
Rated operation power at AC-23, 400 V	kW	30
Switching power at 400 V	kW	30
Conditioned rated short-circuit current Iq	kA	2
Number of poles		1
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
Motor drive optional		No
Motor drive integrated		No
Voltage release optional		No
Device construction		Complete device in housing
Suitable for floor mounting		Yes
Suitable for front mounting 4-hole		No
Suitable for front mounting centre		No
Suitable for distribution board installation		No
Suitable for intermediate mounting		No
Colour control element		Red
Type of control element		Door coupling rotary drive
Interlockable		Yes
Type of electrical connection of main circuit		Screw connection
Degree of protection (IP), front side		IP65
Degree of protection (NEMA)		12