## **DATASHEET - T3-3-8228/E**

Reversing switches, T3, 32 A, flush mounting, 3 contact unit(s), Contacts: 5, 45 °, momentary, With 0 (Off) position, with spring-return from both directions to 0, 1>0<2, Design number 8228



Part no.

T3-3-8228/E 002538

General specifications	
Product name	Eaton Moeller® series T3 Reversing switch
Part no.	T3-3-8228/E
EAN	4015080025382
Product Length/Depth	102 millimetre
Product height	54 millimetre
Product width	61 millimetre
Product weight	0.212 kilogram
Certifications	UL Category Control No.: NLRV CE CSA-C22.2 No. 60947-4-1-14 CSA CSA Class No.: 3211-05 CSA-C22.2 No. 94 UL 60947-4-1 IEC/EN 60204 CSA File No.: 012528 UL File No.: E36332 IEC/EN 60947 UL IEC/EN 60947-3 VDE 0660 UL CSA
Product Tradename	Т3
Product Type	Reversing 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 Retraction in 0-position
Inscription	1>0<2
Number of poles	3
General information	
Degree of protection	IP65 NEMA 1 NEMA 12
Degree of protection (front side)	IP65 NEMA 12
Lifespan, mechanical	500,000 Operations
Model	Reversing switch
Mounting method	Flush mounting
Mounting position	As required
Number of contact units	3
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)
	Front mounting

Joint and a section particle and a section pa	Switching angle	45 °
Classic existing supporter and supporter and support of a support o		
Action providing importance main Action providing providing thereadows in main action of gravitaging importance faceboards - max income providing equating thereadows in main income providing equating thereadows in manual income providing equating thereadows in the main income providing equation (black equation in the main equation in the main equation in the main equation (black equation in the main equation in the main equation in the main equation (black equation in the main equation in the main equation in the main equation (black equation in the main equation in the main equation in the main equation in the main equation (black equation in the main equation in the main equation in the main equation (black equation in the main equation in the equation equation equation in the equation		
Ambert operatory experture - max90° CAmbert operatory experture inclused, max95° CAmbert operatory experiments inclused, max96° CDimmini operatory96° CTerminal operatory <td></td> <td></td>		
Advice sparate provide properties (solocit) and Calinate provide properties (solocit) and Calinate provide provide (solocit) and Calinate provide provide (solocit) and Calinate provide (solocit) and Calinate provide (solocit) and Calinate provide (solocit) and Calinate provide (solocit) and formation (solocit) and formation (solocit) and Calinate provide (solocit) and formation (solocit) and forma		
Address control is propertice (includead) - nax.     9°C       Clinic is profine     Banch control is profile.       Terminal capacities	Ambient operating temperature - max	
Image of the set		-25 °C
ComparisonComparisonTerminal capacity liskide with ferule20.07.5 4, million at UN 8222Terminal capacity liskide with ferule AWG20.07.5 4, million at UN 8222Terminal capacity liskide with ferule AWG20.07.5 4, million at UN 8222Terminal capacity liskide with ferule AWG20.07.5 4, million at UN 8222Terminal capacity liskide with ferule AWG20.07.5 4, million at UN 8222Terminal capacity liskide with ferule AWG20.07.5 million at UN 8222Terminal capacity liskide with ferule AWG20.07.5 million at UN 8222Terminal capacity liskide with ferule AWG20.07.5 million at UN 800.5 million at UN 80	Ambient operating temperature (enclosed) - max	40 °C
Tennani capacity fielable with formal     1, 2, 0, 7, 4, m <sup>2</sup> years based on US 223       Tennani capacity (solid) stranded)     1, 10       Tendarianing capacity at 20020 V(con pin in IEC 0807-3)     20, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0	Climatic proofing	
Interinst capacy (salid) should be interind a With Terminal capacy (salid) should be interind a With the interind	Terminal capacities	
Turnind capachy isolitificable with funde AMG Immunicipacity isolitificable (additional series)I = 10Turnind ispacely isolitificable (additional series)IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Terminal capacity (flexible with ferrule)	
Immat capacity biologicanded 2 21 - 0 mm²   Scraw size M. Kerminal scrow   Tattering trave M. Kerminal scrow   Back reaking capacity at 220(200 kps ph to EE 0997-3) Anale reaking capacity at 200(200 kps ph to EE 0997-3)   Ranket reaking capacity at 200(200 kps ph to EE 0997-3) Anale reaking capacity at 200(200 kps ph to EE 0997-3)   Ranket reaking capacity at 200(200 kps ph to EE 0997-3) Anale reaking capacity at 200(200 kps ph to EE 0997-3)   Ranket generational current lok at AC-3.220 V tar delta ZA AC-3.220 V tar-delta   Ranket generational current lok at AC-3.220 V tar-delta ZA AC-3.220 V tar-delta   Ranket generational current lok at AC-3.200 V tar-delta ZA AC-3.200 V tar-delta   Ranket generational current lok at AC-3.200 V tar-delta ZA AC-3.200 V tar-delta   Ranket generational current lok at AC-3.200 V tar-delta ZA AC-3.200 V tar-delta   Ranket generational current lok at AC-3.200 V tar-delta ZA AC-3.200 V tar-delta   Ranket generational current lok at AC-3.000 V (200 V ZA AC-3.200 V tar-delta   Ranket generational current lok at AC-3.000 V (200 V ZA AC-3.200 V tar-delta   Ranket generational current lok at AC-3.000 V (200 V ZA AC-3.200 V tar-delta   Ranket generational current lok at AC-3.000 V (200 V ZA AC-3.200 V tar-delta   Ranket generational current lok at AC-3.000 V (200 V ZA AC-3.200 V tar-delta   Ranket generational current lok		
Strew size Image: Strew size   Strew size MA Terminal screw   Flatching target: MA Terminal screw terminals   Rated bracking capacity at 200(20 V[cos ph to EE 000/7-3] 280 A   Rated bracking capacity at 200(20 V[cos ph to EE 000/7-3] 280 A   Rated bracking capacity at 200(20 V[cos ph to EE 000/7-3] 280 A   Rated operational current (lei 16.02 MP-3) 280 A   Rated operational current (lei 16.02 MP-3) 280 A   Rated operational current (lei 16.02 MP-3) 290 A   Rated operational current (lei 16.02 MP-3)		
Tightening tarque 17 thin Screen terminals   Electrical rating 200 A   Rend bracking capacity at 200 (as phin the 0697-3) 200 A   Rend bracking capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as	Terminal capacity (solid/stranded)	
Tightening tarque 17 thin Screen terminals   Electrical rating 200 A   Rend bracking capacity at 200 (as phin the 0697-3) 200 A   Rend bracking capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as phin the 0697-3) 200 A   Rend specing capacity at 200 (as	Screw size	M4. Terminal screw
Electrical ratio Ib Mes. Screw terminals   Electrical ratio Ib Mes. Screw terminals   Rated treaking capacity at 2002/01 (cos phi to IEC 6007-3) 200 A   Rated treaking capacity at 4000/115 V (cos phi to IEC 6007-3) 200 A   Rated treaking capacity at 4000/015 V (cos phi to IEC 6007-3) 200 A   Rated capacity at 2002/01 (cos phi to IEC 6007-3) 200 A   Rated operational current (lei ALC-3, 200 V, 200 V, 200 V 200 A   Rated operational current (lei ALC-3, 200 V, 200 V, 415 V 200 A   Rated operational current (lei ALC-3, 200 V, 200 V, 415 V 200 A   Rated operational current (lei ALC-3, 200 V, 415 V 200 A   Rated operational current (lei ALC-3, 200 V, 415 V 200 A   Rated operational current (lei ALC-3, 200 V, 415 V 200 A   Rated operational current (lei ALC-3, 400 V, 415 V 200 A   Rated operational current (lei ALC-3, 400 V, 415 V 200 A   Rated operational current (lei ALC-3, 400 V, 415 V 200 A   Rated operational current (lei ALC-3, 400 V, 415 V 200 A   Rated operational current (lei ALC-3, 400 V, 415 V 200 A   Rated operational current (lei ALC-3, 400 V, 415 V 200 A   Rated operational current (lei ALC-3, 400 V, 415 V 200 A   Rated operational current (lei ALC-3, 400 V, 415 V 200 A   Rated operational current (lei ALC-3, 400 V, 415 V<		
Rated treaking capacity at 20(230 V (cos ph is IEC 600/-3) 200 A   Rated treaking capacity at 20(230 V (cos ph is IEC 600/-3) 200 A   Rated treaking capacity at 500 V (cos ph is IEC 600/-3) 200 A   Rated parational current (le) 200 A   Rated parational current (le) 200 A   Rated parational current (le) 200 A   Rated aparational current (le) A C-3, 200 V, 20 V, 200 V 200 A   Rated aparational current (le) A C-3, 200 V, 200 V, 200 V 200 A   Rated aparational current (le) A C-3, 200 V, 200 V, 200 V, 200 V 200 A   Rated aparational current (le) A C-3, 200 V, 200		
Rated breaking capacity at 400415 V(cos phi to IEC 6097-3)   240 A     Rated breaking capacity at 500 V(cos phi to IEC 6097-3)   240 A     Rated operational current (10)   240 A     Rated operational current (10)   240 A     Rated operational current (10)   240 A     Rated operational current (10) at AC-3, 220 V, 230 V, 240 V   240 A     Rated operational current (10) at AC-3, 220 V, 230 V, 240 V   240 A     Rated operational current (10) at AC-3, 230 V, 400 V, 415 V   240 A     Rated operational current (10) at AC-3, 230 V, 400 V, 415 V   237 A     Rated operational current (10) at AC-3, 230 V, 400 V, 415 V   237 A     Rated operational current (10) at AC-23, 230 V   237 A     Rated operational current (10) at AC-23, 230 V   237 A     Rated operational current (10) at AC-23, 230 V   237 A     Rated operational current (10) at AC-23, 230 V   237 A     Rated operational current (10) at AC-23, 230 V   232 A     Rated operational current (10) at AC-23, 200 V   25 A     Rated operational current (10) at C-23, 240 V   25 A     Rated operational current (10) at DC-23, 240 V   25 A     Rated operational current (10) at DC-23, 240 V   25 A     Rated operational current (10) at DC-23, 240	Electrical rating	
Rated breaking capacity at 400415 V(cos phi to IEC 6097-3)   240 A     Rated breaking capacity at 500 V(cos phi to IEC 6097-3)   240 A     Rated operational current (10)   240 A     Rated operational current (10)   240 A     Rated operational current (10)   240 A     Rated operational current (10) at AC-3, 220 V, 230 V, 240 V   240 A     Rated operational current (10) at AC-3, 220 V, 230 V, 240 V   240 A     Rated operational current (10) at AC-3, 230 V, 400 V, 415 V   240 A     Rated operational current (10) at AC-3, 230 V, 400 V, 415 V   237 A     Rated operational current (10) at AC-3, 230 V, 400 V, 415 V   237 A     Rated operational current (10) at AC-23, 230 V   237 A     Rated operational current (10) at AC-23, 230 V   237 A     Rated operational current (10) at AC-23, 230 V   237 A     Rated operational current (10) at AC-23, 230 V   237 A     Rated operational current (10) at AC-23, 230 V   232 A     Rated operational current (10) at AC-23, 200 V   25 A     Rated operational current (10) at C-23, 240 V   25 A     Rated operational current (10) at DC-23, 240 V   25 A     Rated operational current (10) at DC-23, 240 V   25 A     Rated operational current (10) at DC-23, 240	Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3)	260 A
Rated breaking capacity at 500 V (cos ph to IEC 60047-3) 100 A   Rated perational current (le) 20.4 at CC 2.20 V stort-data SC 4 at CC 2.20 V stort-da		260 A
Rated biperational current (le) 170 A   Rated operational current (le) 32 A at AC3, 200 V star-delta 32 A at AC3, 600 V star-delta 23 A AC3, 600 V star-delta 24 A AC3, 600 V star-delta 25 A AC3, 600 V star-delta, 600 V star-delta 25 A AC3, 600 V star-delta, 600 V star-delta 25 A AC3, 600 V star-delta, 600 V star-d		
Rated operational current (le)S2 A at AC3, 230 V star-defas S2 A at AC3, 530 V star-defas S2 A at AC3, 580 V star-defas S2 A ARated operational current (le) at DC-23, 40 V Rated operational current (le) at DC-23, 40 V Rated operational current (le) at DC-23, 40 VTARated operational current (le) at DC-23, 40 V Rated operational current (le) at DC-23, 40 VTARated operational current (le) at DC-23, 40 V Rated operational current (le) at DC-23, 40 VTARated operational power at AC-3, 580 V 50 HzTARated operational power at		
Bated operational current (ib) at AC-3, 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 200 / 2		
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-30, 600 V, 800 V   227 A     Rated operational current (le) at AC-204, 200 V   22 A     Rated operational current (le) at AC-23A, 200 V, 415 V   22 A     Rated operational current (le) at AC-23A, 500 V   22 A     Rated operational current (le) at AC-23A, 500 V   26 A     Rated operational current (le) at AC-23A, 500 V   26 A     Rated operational current (le) at AC-23A, 500 V   26 A     Rated operational current (le) at DC-13, cortrol switches Vr = 1 ms   25 A     Rated operational current (le) at DC-12, 240 V   25 A     Rated operational current (le) at DC-12, 240 V   25 A     Rated operational current (le) at DC-33, 200 V   25 A     Rated operational current (le) at DC-33, 200 V   25 A     Rated operational current (le) at DC-33, 200 V   25 A     Rated operational purrent AC-3, 800 V, 50 Hz   14 N     Rated operational purrent AC-3, 800 V, 50 Hz   18 N     Rated operational purrent AC-3, 800 V, 50 Hz   18 N     Rated operational purrent AC-3, 800 V, 50 Hz   18 N     Rated operational pureent AC-34, 800 V, 5		32 A at AC-3, 500 V star-delta 32 A at AC-3, 400 V star-delta
Reted operational current (le) at AC-35, 600 V, 690 V   237 A     Reted operational current (le) at AC-34, 400 V   32 A     Reted operational current (le) at AC-32A, 230 V   32 A     Reted operational current (le) at AC-32A, 400 V, 415 V   22 A     Reted operational current (le) at AC-32A, 690 V   28 A     Reted operational current (le) at AC-32A, 690 V   28 A     Reted operational current (le) at AC-32A, 690 V   28 A     Reted operational current (le) at AC-32A, 690 V   28 A     Reted operational current (le) at DC-13, dorbrak switches Vr = 1 ms   25 A     Reted operational current (le) at DC-32A, 290 V   29 A     Reted operational current (le) at DC-32A, 290 V   29 A     Reted operational current (le) at DC-32A, 49 V   25 A     Reted operational current (le) at DC-32A, 49 V   25 A     Reted operational current (le) at DC-32A, 49 V   25 A     Reted operational current (le) at DC-32A, 49 V   25 A     Reted operational current (le) at DC-32A, 49 V   25 A     Reted operational current (le) at DC-32A, 40 V   25 A     Reted operational current (le) at DC-32A, 40 V   26 A     Reted operational current (le) at DC-32A, 40 V   27 A     Reted operational pover at AC-33, 45 V, 50 Hz	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 V   Image: Comparison of Current (le) at AC:34, 460 V, 415 V     Rated operational current (le) at AC:32A, 230 V   Image: Comparison of Current (le) at AC:32A, 430 V, 415 V     Rated operational current (le) at AC:32A, 630 V   Image: Comparison of Current (le) at AC:32A, 630 V     Rated operational current (le) at AC:32A, 630 V   Image: Comparison of Current (le) at AC:32A, 630 V     Rated operational current (le) at AC:32A, 630 V   Image: Comparison of Current (le) at AC:32A, 630 V     Rated operational current (le) at DC:1, lead-break switches (r = 1 ms)   Image: Comparison of Current (le) at DC:32A, 74V     Rated operational current (le) at DC:32A, 43V   Image: Comparison of Current (le) at DC:32A, 12V V     Rated operational current (le) at DC:32A, 42V   Image: Comparison of Current (le) at DC:32A, 12V V     Rated operational current (le) at DC:32A, 42V V   Image: Comparison of Current (le) at DC:32A, 12V V     Rated operational current (le) at DC:32A, 42V V   Image: Comparison of Current (le) at DC:32A, 12V V     Rated operational current (le) at DC:32A, 42V V   Image: Comparison of Current (le) at DC:32A, 14V V     Rated operational current (le) at DC:32A, 42V V   Image: Comparison of Current (le) at DC:32A, 14V V     Rated operational current (le) at DC:32A, 42V V   Image: Comparison of Current (le) at DC:3A, 14V V, 50 Hz     Rated operational power at AC:3A, 45V V, 50 Hz <td>Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V</td> <td>23.7 A</td>	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     Rated operational current (le) at AC-23A, 200 V, 415 V   22     Rated operational current (le) at AC-23A, 800 V, 415 V   22     Rated operational current (le) at AC-23A, 800 V   28     Rated operational current (le) at AC-23A, 800 V   28     Rated operational current (le) at AC-23A, 800 V   28     Rated operational current (le) at DC-1, load-brack switches Vr = 1 ms   28     Rated operational current (le) at DC-1, load-brack switches Vr = 1 ms   28     Rated operational current (le) at DC-23A, 240 V   28     Rated operational current (le) at DC-23A, 240 V   28     Rated operational current (le) at DC-23A, 240 V   28     Rated operational current (le) at DC-23A, 240 V   28     Rated operational current (le) at DC-23A, 240 V   28     Rated operational current (le) at DC-23A, 240 V   28     Rated operational current (le) at DC-23A, 240 V   28     Rated operational current (le) at DC-23A, 240 V   28     Rated operational purent at AC-33, 800 V, 50 Hz   11 kW     Rated operational power at AC-34, 250 V, 50 Hz   11 kW     Rated operational power at AC-23A, 200 V, 50 Hz   15 kW     Rated operational power at AC-23A, 200 V, 50 Hz <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 V232 ARated operational current (le) at AC-23A, 600 V, 415 V26.4 ARated operational current (le) at AC-23A, 600 V26.4 ARated operational current (le) at AC-23A, 600 V26.4 ARated operational current (le) at DC-1, 240 V25.4Rated operational current (le) at DC-21, 240 V20.0Rated operational current (le) at DC-23A, 48 V25.4Rated operational power at AC-3, 380400 V, 50 Hz12.4WRated operational power at AC-3, 415 V, 50 Hz11.4WRated operational power at AC-3, 415 V, 50 Hz11.4WRated operational power at AC-23A, 500 V, 50 Hz15.4WRated operational power at AC-23A, 500 V, 50 Hz15.4W <trt< td=""><td>Rated operational current (Ie) at AC-3, 660 V, 690 V</td><td>14.7 A</td></trt<>	Rated operational current (Ie) at AC-3, 660 V, 690 V	14.7 A
Rated operational current (le) at AC-23A, 400 V, 415 V26 ARated operational current (le) at AC-23A, 600 V26 A ARated operational current (le) at AC-23A, 600 V17 ARated operational current (le) at DC-1, toad-brack switches (l' = 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 current (le) at DC-23A, 60 V25 ARated operational current (le) at DC-23A, 240 V25 ARated operational power at AC-3, 380 (400 V, 50 Hz)11 KWRated operational power at AC-3, 240 V, 50 Hz11 KWRated operational power at AC-3, 240 V, 50 Hz11 KWRated operational power at AC-33, 450 V, 50 Hz15 KWRated operational power at AC-33, 450 V, 50 Hz15 KWRated operational power at AC-23A, 2002 V, 50 Hz15 KWRated operational power at AC-33, 2002 V, 50 Hz15 KWRated operational power at AC-33, 800 V, 50 Hz15 KWRated operational power at AC-33, 800 V, 50 Hz15 KWRated operational power at AC-33, 800 V, 50 Hz15 KWRated operational power at AC-30, 800 V, 50 Hz15 KWRated operational power at AC-30, 800 V, 50	Rated operational current (Ie) at AC-21, 440 V	32 A
Rated operational current (le) at AC-23A, 500 V264 ARated operational current (le) at AC-23A, 500 V17 ARated operational current (le) at DC-1, load-break switches l/R = 50 ms25 ARated operational current (le) at DC-13, control switches l/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, 24 V25 ARated operational current (le) at DC-23A, 20 V25 ARated operational power at AC-3, 360400 V, 50 Hz1 kWRated operational power at AC-3, 360400 V, 50 Hz1 kWRated operational power at AC-23A, 200230 V, 50 Hz1 kWRated operational power at AC-23A, 500 V, 50 Hz1 kWRated operational power at AC-23A, 500 V, 50 Hz1 kWRated operational power at AC-23A, 500 V, 50 Hz1 kWRated operational power at AC-23A, 500 V, 50 Hz1 kWRated operational power at AC-23A, 500 V, 50 Hz1 kWRated operational power at AC-23A, 500 V, 50 Hz1 kWRated operational power at AC-23A, 500 V, 50 Hz1 kWRated operational power star-delta at 38	Rated operational current (Ie) at AC-23A, 230 V	32 A
Rated operational current (le) at AC-23A, 500 V264 ARated operational current (le) at AC-23A, 500 V17 ARated operational current (le) at DC-1, load-break switches l/R = 50 ms25 ARated operational current (le) at DC-13, control switches l/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, 24 V25 ARated operational current (le) at DC-23A, 20 V25 ARated operational power at AC-3, 360400 V, 50 Hz1 kWRated operational power at AC-3, 360400 V, 50 Hz1 kWRated operational power at AC-23A, 200230 V, 50 Hz1 kWRated operational power at AC-23A, 500 V, 50 Hz1 kWRated operational power at AC-23A, 500 V, 50 Hz1 kWRated operational power at AC-23A, 500 V, 50 Hz1 kWRated operational power at AC-23A, 500 V, 50 Hz1 kWRated operational power at AC-23A, 500 V, 50 Hz1 kWRated operational power at AC-23A, 500 V, 50 Hz1 kWRated operational power at AC-23A, 500 V, 50 Hz1 kWRated operational power star-delta at 38	Rated operational current (le) at AC-23A, 400 V, 415 V	32 A
Rated operational current (le) at CC-23A, 690 V17 ARated operational current (le) at DC-1, load-break switches l/r = 1 ms25 ARated operational current (le) at DC-13, control switches l/r = 50 ms20 ARated operational current (le) at DC-23A, 24 V1ARated 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, 24 V25 ARated operational current (le) at DC-23A, 40 V25 ARated operational current (le) at DC-23A, 240 V5 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 V5 ARated operational power at AC-3, 380,400 V, 50 Hz11 kWRated operational power at AC-3, 240, V50 Hz11 kWRated operational power at AC-3, 240, V50 Hz15 kWRated operational power star-delta at 350, V50 Hz15 kW<	Rated operational current (Ie) at AC-23A, 500 V	26.4 A
Rated operational current (le) at DC-1, load-break switches L/R = 50 ms25 ARated operational current (le) at DC-13, control switches L/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, 240 V12 ARated operational power at AC-3, 340 V 0, 50 Hz12 ARated operational power at AC-3, 450 V, 50 Hz14 WRated operational power at AC-3, 450 V, 50 Hz14 WRated operational power at AC-3A, 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, 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 300/400 V, 50 Hz15 kWRated operational power star-delta at 300/400 V, 50 Hz16 kWRated operational power star-delta at 300/400 V, 50 Hz16 kWRated operational power star-delta at 500 V, 50 Hz16 kWRated operational power star-delta at 500 V, 50 Hz16 kWRated operational power star-delta at 500 V, 50 Hz16 kWRated		
Atted operational current (le) at DC-13, control switches L/R = 50 ms20 ARated operational current (le) at DC-21, 240 V1 ARated operational current (le) at DC-33A, 24 V25 ARated operational current (le) at DC-33A, 48 V25 ARated operational current (le) at DC-33A, 60 V25 ARated operational current (le) at DC-33A, 24 V25 ARated operational power at AC-3, 380/400 V, 50 Hz12 kWRated operational power at AC-3, 415 V, 50 Hz11 kWRated operational power at AC-3A, 290 V, 50 Hz11 kWRated operational power at AC-33A, 630 V, 50 Hz15 kWRated operational power at AC-33A, 630 V, 50 Hz15 kWRated operational power star-delta at 380/400 V, 50 Hz15 kWRated operational power star-delta at 380/400 V, 50 Hz15 kWRated operational power star-delta at 380/400 V, 50 Hz15 kWRated operational power star-delta at 380/400 V, 50 Hz15 kWRated operational power star-delta at 380/400 V, 50 Hz16 kS kWRated operational power star-delta at 380/400 V, 50 Hz50 VRated operational power star-delta at 680 V, 50 Hz50 VRated operational power star-delta at 680 V, 50 Hz50 VRated operational power star-delta at 680 V, 50 Hz50 VRated operational power star-delta at 680 V, 50 Hz50 VRa	• • • • • • • • • • • • • • • • • • • •	
Rated operational current (le) at DC-21, 240 VIARated operational current (le) at DC-23A, 24 V25 ARated operational current (le) at DC-23A, 48 V25 ARated operational current (le) at DC-23A, 60 V25 ARated operational current (le) at DC-23A, 20 V12 ARated operational current (le) at DC-23A, 20 V5 ARated operational current (le) at DC-23A, 20 V12 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, 415 V, 50 Hz11 kWRated operational power at AC-3, 680 V, 50 Hz11 kWRated operational power at AC-23A, 200 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, 600 V, 50 Hz15 kWRated operational power at AC-23A, 600 V, 50 Hz15 kWRated operational power star-detta at 220/230 V, 50 Hz15 kWRated operational power star-detta at 200 V, 50 Hz15 kWRated operational power star-detta at 500 V, 50 Hz18 kWRated operational power star-detta at 500 V, 50 Hz18 kWRated operational power star-detta at 600 V, 50 Hz18 kWRated operational power star-detta at 600 V, 50 Hz18 kWRated operational power star-detta at 600 V, 50 Hz18 kWRated operational power star-detta at 600 V, 50 Hz50 VRated operational voltage (Ue) at AC - max <td< td=""><td></td><td></td></td<>		
Atted operational current (le) at DC-23A, 24 V25 ARated operational current (le) at DC-23A, 60 V25 ARated operational current (le) at DC-23A, 60 V25 ARated operational current (le) at DC-23A, 20 V12 ARated operational current (le) at DC-23A, 240 V5 ARated operational power at AC-3, 380/400 V, 50 Hz12 kWRated operational power at AC-3, 415 V, 50 Hz11 kWRated operational power at AC-3, 415 V, 50 Hz75 kWRated operational power at AC-3, 580 V, 50 Hz11 kWRated operational power at AC-3, 580 V, 50 Hz15 kWRated operational power at AC-33, 500 V, 50 Hz15 kWRated operational power at AC-33, 800 V, 50 Hz15 kWRated operational power at AC-33, 800 V, 50 Hz15 kWRated operational power at AC-33, 500 V, 50 Hz15 kWRated operational power at AC-33, 800 V, 50 Hz15 kWRated operational power at AC-33, 800 V, 50 Hz15 kWRated operational power at AC-33, 800 V, 50 Hz15 kWRated operational power at AC-33, 800 V, 50 Hz15 kWRated operational power at AC-34, 800 V, 50 Hz15 kWRated operational power at AC-34, 800 V, 50 Hz15 kWRated operational power at AC-34, 800 V, 50 Hz15 kWRated operational power at AC-34, 800 V, 50 Hz15 kWRated operational power star-delta at 500 V, 50 Hz15 kWRated operational power star-delta at 500 V, 50 Hz15 kWRated operational power star-delta at 500 V, 50 Hz15 kWRated operational power star-delta at 690 V, 50 Hz16 690 V </td <td></td> <td></td>		
Rated operational current (le) at DC-23A, 48 V25 ARated operational current (le) at DC-23A, 60 V25 ARated operational current (le) at DC-23A, 20 V12 ARated operational current (le) at DC-23A, 240 V5 ARated operational power at AC-3, 380/400 V, 50 Hz12 kWRated operational power at AC-3, 480 V, 50 Hz11 kWRated operational power at AC-3, 490 V, 50 Hz11 kWRated operational power at AC-3, 600 V, 50 Hz11 kWRated operational power at AC-3A, 200/230 V, 50 Hz15 kWRated operational power at AC-23A, 200/230 V, 50 Hz15 kWRated operational power at AC-23A, 600 V, 50 Hz15 kWRated operational power at AC-23A, 600 V, 50 Hz15 kWRated operational power at AC-23A, 600 V, 50 Hz15 kWRated operational power at AC-23A, 600 V, 50 Hz15 kWRated operational power at AC-23A, 600 V, 50 Hz15 kWRated operational power at AC-23A, 600 V, 50 Hz15 kWRated operational power at AC-23A, 600 V, 50 Hz15 kWRated operational power at AC-23A, 600 V, 50 Hz15 kWRated operational power star-delta at 200/230 V, 50 Hz18 kWRated operational power star-delta at 600 V, 50 Hz18 kWRated operational power star-delta at 600 V, 50 Hz18 kWRated operational power star-delta at 600 V, 50 Hz18 kWRated operational power star-delta at 600 V, 50 Hz18 kWRated operational power star-delta at 600 V, 50 Hz18 kWRated operational power star-delta at 600 V, 50 Hz600 VRated operational power star-delta		
Rated operational current (le) at DC-23A, 120 V26 ARated operational current (le) at DC-23A, 120 V12 ARated operational current (le) at DC-23A, 240 V5 ARated operational power at AC-3, 380/400 V, 50 Hz12 kWRated operational power at AC-3, 380/400 V, 50 Hz11 kWRated operational power at AC-3, 450 V, 50 Hz11 kWRated operational power at AC-3A, 220/230 V, 50 Hz11 kWRated operational power at AC-23A, 220/230 V, 50 Hz15 kWRated operational power at AC-23A, 200 V, 50 Hz15 kWRated operational power at AC-23A, 400 V, 50 Hz15 kWRated operational power at AC-23A, 400 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 220/230 V, 50 Hz15 kWRated operational power star-delta at 200 V, 50 Hz16 kWRated operational power star-delta at 500 V, 50 Hz18 kWRated operational power star-delta at 500 V, 50 Hz18 kWRated operational power star-delta at 500 V, 50 Hz22 kWRated operational power star-delta at 600 V, 50 Hz600 VRated operational power star-delta at 600 V, 50 Hz20 NRated operational voltage (Ue) at AC - max600 VRated operational voltage (Ue) at AC - max50 NRated operational voltage (Ue) at AC - max50 NRated operational voltage (Ue) at AC - max50 NRated operational voltage (Ue) at AC - max <t< td=""><td></td><td></td></t<>		
Rated operational current (le) at DC-23A, 120 VIARated operational current (le) at DC-23A, 240 V5 ARated operational power at AC-3, 380/400 V, 50 Hz12 kWRated operational power at AC-3, 415 V, 50 Hz11 kWRated operational power at AC-3, 415 V, 50 Hz11 kWRated operational power at AC-3, 415 V, 50 Hz11 kWRated operational power at AC-3A, 220/230 V, 50 Hz15 kWRated operational power at AC-23A, 220/230 V, 50 Hz5 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 220/230 V, 50 Hz15 kWRated operational power star-delta at 220/230 V, 50 Hz22 kWRated operational power star-delta at 500 V, 50 Hz22 kWRated operational power star-delta at 500 V, 50 Hz22 kWRated operational power star-delta at 500 V, 50 Hz50 VRated operational power star-delta at 500 V, 50 Hz20 VRated operational power star-delta at 500 V, 50 Hz20 VRated operational power star-delta at 500 V, 50 Hz50 VRated operational power star-delta at 500 V, 50 Hz50 VRated operational power star-delta at 500 V, 50 Hz50 VRated operational power star-delta at 500 V, 50 Hz50 VRated operational power		
Rated operational current (le) at DC-23A, 240 V5 ARated operational power at AC-3, 380/400 V, 50 Hz12 kWRated operational power at AC-3, 415 V, 50 Hz11 kWRated operational power at AC-33, 690 V, 50 Hz11 kWRated operational power at AC-23A, 200/203 V, 50 Hz7.5 kWRated operational power at AC-23A, 400 V, 50 Hz15 kWRated operational power at AC-23A, 400 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, 500 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 220/230 V, 50 Hz15 kWRated operational power star-delta at 500 V, 50 Hz22 kWRated operational power star-delta at 690 V, 50 Hz22 kWRated operational power star-delta at 690 V, 50 Hz690 VRated operational power star-delta at 690 V, 50 Hz22 kW		
Rated operational power at AC-3, 380/400 V, 50 Hz12 kWRated operational power at AC-3, 415 V, 50 Hz11 kWRated operational power at AC-3, 690 V, 50 Hz11 kWRated operational power at AC-30, 220/230 V, 50 Hz7.5 kWRated operational power at AC-23A, 400 V, 50 Hz15 kWRated operational power at AC-23A, 600 V, 50 Hz15 kWRated operational power at AC-23A, 600 V, 50 Hz15 kWRated operational power at AC-23A, 600 V, 50 Hz15 kWRated operational power at AC-23A, 600 V, 50 Hz15 kWRated operational power star-delta at 220/230 V, 50 Hz15 kWRated operational power star-delta at 220/230 V, 50 Hz15 kWRated operational power star-delta at 200 V, 50 Hz15 kWRated operational power star-delta at 200 V, 50 Hz15 kWRated operational power star-delta at 200 V, 50 Hz15 kWRated operational power star-delta at 200 V, 50 Hz15 kWRated operational power star-delta at 630 V, 50 Hz600 VRated operational power star-delta at 630 V, 50 Hz22 kWRated operational power star-delta at 630 V, 50 Hz22 kW	• • • • • • • • • • • • • • • • • • • •	
Rated operational power at AC-3, 415 V, 50 Hz11 kWRated operational power at AC-3, 690 V, 50 Hz11 kWRated operational power at AC-3A, 220/230 V, 50 Hz7.5 kWRated operational power at AC-23A, 220/230 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 at AC-23A, 690 V, 50 Hz15 kWRated operational power star-delta at 220/230 V, 50 Hz15 kWRated operational power star-delta at 380/400 V, 50 Hz15 kWRated operational power star-delta at 500 V, 50 Hz15 kWRated operational power star-delta at 500 V, 50 Hz22 kWRated operational power star-delta at 690 V, 50 Hz690 VRated operational voltage (Ue) at AC - max22 A		
Rated operational power at AC-3, 690 V, 50 Hz11 kWRated operational power at AC-33A, 220/230 V, 50 Hz7.5 kWRated operational power at AC-23A, 400 V, 50 Hz15 kWRated operational power at AC-23A, 500 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 220/230 V, 50 Hz5.5 kWRated operational power star-delta at 220/230 V, 50 Hz15 kWRated operational power star-delta at 200 V, 50 Hz15 kWRated operational power star-delta at 280/400 V, 50 Hz15 kWRated operational power star-delta at 380/400 V, 50 Hz15 kWRated operational power star-delta at 500 V, 50 Hz22 kWRated operational power star-delta at 690 V, 50 Hz690 VRated operational voltage (Ue) at AC - max32 A		
Rated operational power at AC-23A, 220/230 V, 50 Hz   7.5 kW     Rated operational power at AC-23A, 400 V, 50 Hz   15 kW     Rated operational power at AC-23A, 500 V, 50 Hz   15 kW     Rated operational power at AC-23A, 690 V, 50 Hz   15 kW     Rated operational power at AC-23A, 690 V, 50 Hz   15 kW     Rated operational power at AC-23A, 690 V, 50 Hz   15 kW     Rated operational power star-delta at 220/230 V, 50 Hz   7.5 kW     Rated operational power star-delta at 380/400 V, 50 Hz   15 kW     Rated operational power star-delta at 500 V, 50 Hz   15 kW     Rated operational power star-delta at 500 V, 50 Hz   15 kW     Rated operational power star-delta at 500 V, 50 Hz   15 kW     Rated operational power star-delta at 500 V, 50 Hz   15 kW     Rated operational power star-delta at 500 V, 50 Hz   15 kW     Rated operational power star-delta at 690 V, 50 Hz   15 kW     Rated operational power star-delta at 690 V, 50 Hz   16 kW     Rated operational power star-delta at 690 V, 50 Hz   16 kW     Rated operational voltage (Ue) at AC - max   690 V     Rated operational voltage (Ue) at AC - max   22 A		
Rated operational power at AC-23A, 400 V, 50 Hz15 kWRated operational power at AC-23A, 500 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 220/230 V, 50 Hz7.5 kWRated operational power star-delta at 380/400 V, 50 Hz15 kWRated operational power star-delta at 380/400 V, 50 Hz15 kWRated operational power star-delta at 500 V, 50 Hz18.5 kWRated operational power star-delta at 690 V, 50 Hz12 kWRated operational power star-delta at 690 V, 50 Hz18.5 kWRated operational power star-delta at 690 V, 50 Hz16 kWRated operational power star-delta at 690 V, 50 Hz18.5 kWRated operational power star-delta at 690 V, 50 Hz16 kWRated operational power star-delta at 690 V, 50 Hz16 kWRated operational power star-delta at 690 V, 50 Hz16 kWRated operational power star-delta at 690 V, 50 Hz16 kWRated operational power star-delta at 690 V, 50 Hz16 kWRated operational power star-delta at 690 V, 50 Hz16 kWRated operational power star-delta at 690 V, 50 Hz16 kWRated operational power star-delta at 690 V, 50 Hz16 kWRated operational voltage (Ue) at AC - max16 kWRated operati		
Rated operational power at AC-23A, 500 V, 50 Hz15 kWRated operational power at AC-23A, 690 V, 50 Hz15 kWRated operational power star-delta at 220/230 V, 50 Hz7.5 kWRated operational power star-delta at 380/400 V, 50 Hz15 kWRated operational power star-delta at 380/400 V, 50 Hz15 kWRated operational power star-delta at 380/400 V, 50 Hz12 kWRated operational power star-delta at 500 V, 50 Hz18.5 kWRated operational power star-delta at 690 V, 50 Hz16 60 VRated operational power star-delta at 690 V, 50 Hz16 690 VRated operational voltage (Ue) at AC - max16 60 VRated operational voltage (Ue) at AC - max16 60 VRated operational voltage (Ue) at AC - max16 60 VRated operational voltage (Ue) at AC - max16 60 VRated operational voltage (Ue) at AC - max16 60 VRated operational voltage (Ue) at AC - max16 60 VRated operational voltage (Ue) at AC - max16 60 VRated operational voltage (Ue) at AC - max16 60 VRated operational voltage (Ue) at AC - max16 60 VRated operational voltage (Ue) at AC - max16 60 0 VRated operational voltage (Ue) at AC - max16 60 0 VRated operational voltage (Ue) at AC - max16 60 0 VRated operational voltage (Ue) at AC - max16 60 0 VRated operational voltage (Ue) at AC - max16 60 0 VRated operational voltage (Ue) at AC - max16 60 0 0 0Rated operational voltage (Ue) at AC - max16 60 0 0Rated operational voltage (Ue) at AC - max		
Rated operational power at AC-23A, 690 V, 50 Hz15 kWRated operational power star-delta at 220/230 V, 50 Hz7.5 kWRated operational power star-delta at 380/400 V, 50 Hz15 kWRated operational power star-delta at 380/400 V, 50 Hz18.5 kWRated operational power star-delta at 690 V, 50 Hz22 kWRated operational power star-delta at 690 V, 50 Hz690 VRated operational power star-delta at 690 V, 50 Hz23 A		
Rated operational power star-delta at 220/230 V, 50 Hz7.5 kWRated operational power star-delta at 380/400 V, 50 Hz15 kWRated operational power star-delta at 500 V, 50 Hz22 kWRated operational power star-delta at 690 V, 50 Hz690 VRated operational voltage (Ue) at AC - max600 VRated uninterrupted current (Iu)600 K		
Rated operational power star-delta at 380/400 V, 50 Hz15 kWRated operational power star-delta at 500 V, 50 Hz15 kWRated operational power star-delta at 690 V, 50 Hz22 kWRated operational voltage (Ue) at AC - max600 VRated uninterrupted current (lu)32 A	Rated operational power at AC-23A, 690 V, 50 Hz	15 kW
Rated operational power star-delta at 500 V, 50 Hz   Image: Comparison of the star star star star star star star star	Rated operational power star-delta at 220/230 V, 50 Hz	7.5 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) 32 A	Rated operational power star-delta at 380/400 V, 50 Hz	15 kW
Rated operational voltage (Ue) at AC - max 600 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)	5 kA, SCCR (UL/CSA) 40A, max. Fuse, 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	2 x I# (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)
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)	P600 (UL/CSA) A600 (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	5
Actuator	
Actuator function	Spring-return from both directions to 0 With 0 (Off) position Momentary
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		Reversing switch
Number of poles		3
With zero (off) position		Yes
With retraction in 0-position		Yes
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