## DATASHEET - T0-4-8343/Z

## On-Off switch, TO, 20 A, rear mounting, 4 contact unit(s), 7-pole, with black thumb grip and front plate



Part no.	T0-4-8343/Z 013999	r owening Dusiness wondwid
General specifications		
Product name		Eaton Moeller® series T0 On-Off switch
Part no.		T0-4-8343/Z
EAN		4015080139997
Product Length/Depth		147 millimetre
Product height		48 millimetre
Product width		48 millimetre
Product weight		0.187 kilogram
Certifications		CSA Class No.: 3211-05 VDE 0660 UL Category Control No.: NLRV CSA CSA File No.: 012528 UL File No.: E36332 UL 60947-4-1 UL CSA-C22.2 No. 60947-4-1-14 IEC/EN 60947 CSA-C22.2 No. 94 IEC/EN 60947-3 CE
Product Tradename		то
Product Type		On-Off switch
Product Sub Type		None
Catalog Notes		Rated Short-time Withstand Current (Icw) for a time of 1 second
Features & Functions		
Fitted with:		Black thumb grip and front plate
Inscription		0-1
Number of poles		Seven-pole
General information		
Degree of protection		NEMA 12
Degree of protection (front side)		IP65
Lifespan, mechanical		400,000 Operations
Mounting method		Rear mounting
Mounting position		As required
Number of contact units		4
Operating frequency		1200 Operations/h
Overvoltage category		
Pollution degree		3
Rated impulse withstand voltage (Uimp)		
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 Suitable for		15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms Branch circuits, suitable as motor disconnect, (UL/CSA) Ground mounting Intermediate mounting
Switching angle		90 °
Climatic environmental conditions		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		50 °C
Ambient operating temperature (enclosed) - min		-25 °C
Ambient operating temperature (enclosed) - max		40 °C

Climatic proofing

Damp heat, cyclic, to IEC 60068-2-30

Terminal capacityI x (0.75 - 2.5) mm², flexible with ferrules to DIN 46228 2 x (1 - 2.5) mm², solid or stranded 18 - 14 AWG, solid or flexible with ferrule 2 x (0.75 - 2.5) mm², flexible with ferrules to DIN 46228 1 x (1 - 2.5) mm², solid or strandedScrew sizeM3.5, Terminal screwTightening torqueM3.5, Terminal screw		Damp heat, constant, to IEC 60068-2-78
Score data         2011 5.3 mm - older or standard 19 3 5 - 201 4 mm - older or standard 19 3 5 - 201 4 mm - older or standard 19 3 5 - 201 4 mm - older or standard 19 3 5 - 201 4 mm - older or standard 19 3 5 - 201 4 mm - older or standard 19 3 5 - 201 4 mm - older or standard 19 3 5 - 201 4 mm - older or standard 19 3 5 - 201 4 mm - older or standard 19 3 5 - 201 4 mm - older or standard 19 3 5 - 201 4 mm - older or standard 19 3 5 - 201 4 mm - older or standard 19 3 5 - 201 4 mm - older or standard 19 3 5 - 201 4 mm - older or standard 19 3 5 - 201 4 mm - older or standard 19 3 5 - 201 4 mm - older or standard 19 3 5 - 201 4 mm - older or standard 19 3 5 - 201 4 mm - older or standard 19 3 5 - 201 4 mm - older or standard 19 4 5 - 201 4 mm - older	Terminal capacities	
Indemn prime         Interfactors           Electrical rating         Interfactors           Interfactors         Interfactors<	Terminal capacity	2 x (1 - 2.5) mm², solid or stranded 18 - 14 AWG, solid or flexible with ferrule 2 x (0.75 - 2.5) mm², flexible with ferrules to DIN 46228
Bits Control I and Decays of SUC 2000         Image Subsection SUC 2000	Screw size	M3.5, Terminal screw
Electical rating         Image: Comparison of the ISC 589-7.3         Image: Comparison of the ISC 589-7.3           Brand branking capacity at 1809 Vices shite ISC 589-7.3         IMA           Frand branking capacity at 1809 Vices shite ISC 589-7.3         IMA           Brand command uncerted bit at 6.2 3800 Vices shite ISC 589-7.3         IMA           Brand command uncerted bit at 6.2 3800 Vices shite ISC 589-7.3         IMA           Brand command uncerted bit at 6.2 3800 Vices shite ISC 589-7.3         IMA           Brand command uncerted bit at 6.2 3800 Vices yhite ISC 589-7.3         IMA           Brand command uncerted bit at 6.2 3800 Vices yhite ISC 589-7.3         IMA           Brand command uncerted bit at 6.2 3800 Vices yhite ISC 589-7.3         IMA           Brand command uncerted bit at 6.2 3800 Vices yhite ISC 589-7.3         IMA           Brand command uncerted bit at 6.2 3800 Vices yhite ISC 589-7.3         IMA           Brand command uncerted bit at 6.2 3800 Vices yhite ISC 589-7.3         IMA           Brand command uncerted bit at 6.2 3800 Vices yhite ISC 589-7.3         IMA           Brand command uncerted bit at 6.2 3800 Vices yhite ISC 589-7.3         IMA           Brand command uncerted bit at 6.2 3800 Vices yhite ISC 589-7.3         IMA           Brand command uncerted bit at 6.2 3800 Vices yhite ISC 589-7.3         IMA           Brand command uncerted bit at 6.2 3800 Vices Yhite ISC 589-7.3	Tightening torque	
Part breaking apparty at 60x15 Vice plain bit C 6007-3)     In 0.A       Parts breaking capacity at 5000 Vice plain bit C 6007-3)     90.A       Rate down and appart of 2000 Vice plain bit C 6007-3)     90.A       Rate down and appart of 2000 Vice plain bit C 6007-3)     90.A       Rate down and appart of 2000 Vice plain bit C 6007-3)     90.A       Rate down and appart of 2000 Vice plain bit C 6007-3)     90.A       Rate down and appart of 2000 Vice plain bit C 6007-3)     90.A       Rate down and appart of 2000 Vice plain bit C 6007-3)     90.A       Rate down and appart of 2000 Vice plain bit C 6007-3)     90.A       Rate down and appart of 2000 Vice plain bit C 6007-30     90.A       Rate down and appart of 2000 Vice plain bit C 6007-30     90.A       Rate down and appart of 2000 Vice plain bit C 6007-30     90.A       Rate down and appart of 2000 Vice plain bit C 6007-30     90.A       Rate down and appart of 2000 Vice plain bit C 6007-30     90.A       Rate down and appart of 2000 Vice plain bit C 6007-30     90.A       Rate down and appart of 2000 Vice plain bit C 6007-30     90.A       Rate down and appart of 2000 Vice plain bit C 6007-30     90.A       Rate down and appart of 2000 Vice plain bit C 6007-30     90.A       Rate down and appart of 2000 Vice plain bit C 6007-30     90.A       Rate down and appart of 2000 Vice plain bit C 6007-30     90.A       Rate down and appart o	Electrical rating	
And breaking capacity at 580 V (cos shi to EC 0981-3)     00 A       And bereaking capacity at 580 V (cos shi to EC 0981-3)     00 A       Rand operational current (list at AC 3, 500 V 480 V 415 V     01 15 A       And operational current (list at AC 3, 500 V 480 V 415 V     01 34 A       Rand operational current (list at AC 3, 500 V 480 V 415 V     01 34 A       Rand operational current (list at AC 3, 500 V 480 V 415 V     01 31 A       Rand operational current (list at AC 3, 500 V 480 V 415 V     01 31 A       Rand operational current (list at AC 23, 400 V 15 V     01 31 A       Rand operational current (list at AC 23, 500 V     01 31 A       Rand operational current (list at AC 23, 500 V     01 31 A       Rand operational current (list at AC 23, 500 V     01 A       Rand operational current (list at AC 23, 500 V     01 A       Rand operational current (list at AC 23, 500 V     01 A       Rand operational current (list at CD 1, aced as shoulds [l = 1 nut     01 A       Rand operational current (list at CD 1, aced as shoulds [l = 1 nut     01 A       Rand operational current (list at CD 23, 20 V     01 A       Rand operational current (list at CD 23, 20 V     01 A       Rand operational current (list at CD 23, 20 V     01 A       Rand operational current (list at CD 23, 20 V     01 A       Rand operational current (list at CD 23, 20 V     01 A       Rand operational current (list at CD	Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3)	100 A
Rade diversional current (b) at AC 3, 202 V, 200	Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3)	110 A
Rate operational current (h) at AC-3, 280 V, 280 V, 180 V     115 A       Rate operational current (h) at AC-3, 880 V, 680 V, 180 V     15 A       Rate operational current (h) at AC-3, 880 V, 680 V, 180 V     20 A       Rate operational current (h) at AC-3, 880 V, 680 V, 180 V     20 A       Rate operational current (h) at AC-3, 880 V, 680 V, 180 V     20 A       Rate operational current (h) at AC-3, 480 V, 680 V, 180 V     20 A       Rate operational current (h) at AC-23A, 000 V     133 A       Rate operational current (h) at AC-23A, 000 V     133 A       Rate operational current (h) at AC-23A, 000 V     10 A       Rate operational current (h) at AC-23A, 000 V     10 A       Rate operational current (h) at DC-23A, 000 V     10 A       Rate operational current (h) at DC-23A, 000 V     10 A       Rate operational current (h) at DC-23A, 000 V     10 A       Rate operational current (h) at DC-23A, 000 V     10 A       Rate operational current (h) at DC-23A, 000 V     10 A       Rate operational current (h) at DC-23A, 000 V     10 A       Rate operational current (h) at DC-23A, 000 V     10 A       Rate operational current (h) at DC-23A, 000 V     10 A       Rate operational current (h) at DC-23A, 000 V     10 A       Rate operational current (h) at DC-23A, 000 V     10 A       Rate operational current (h) at DC-23A, 000 V     10 A       Rate operational curre	Rated breaking capacity at 500 V (cos phi to IEC 60947-3)	80 A
Raid operational current (b) at AC3, 380 V, 403 V, 405 V     94       Raid operational current (b) at AC3, 500 V     94       Raid operational current (b) at AC3, 500 V     93       Raid operational current (b) at AC3, 200 V     20A       Raid operational current (b) at AC3, 200 V, 405 V     133.A       Raid operational current (b) at AC32, 500 V     133.A       Raid operational current (b) at AC32, 500 V     133.A       Raid operational current (b) at AC32, 500 V     100.A       Raid operational current (b) at AC32, 500 V     100.A       Raid operational current (b) at AC32, 500 V     100.A       Raid operational current (b) at DC13, curtol subches (b, 8: 50 ma     100.A       Raid operational current (b) at DC13, AV     100.A       Raid operational current (b) at DC23A, 40V     50.A       Raid operational current (b) at DC23A, 40V V     100.A       Raid operational current (b) at DC23A, 40V V     50.A       Raid operational current (b) at DC23A, 40V V     50.A       Raid operational current (b) at DC23A, 40V V     50.A       Raid operational current (b) at DC23A, 40V V     100.A       Raid operational current (b) at DC23A, 40V V     100.A       Raid	Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)	60 A
Anatol querent (he) at AC3, 380 V     9 A       Red operational current (he) at AC3, 800 V, 680 V     9 A       Red operational current (he) at AC3, 400 V, 410 V     9 A       Red operational current (he) at AC34, 230 V     133 A       Red operational current (he) at AC34, 230 V     133 A       Red operational current (he) at AC34, 200 V     133 A       Red operational current (he) at AC34, 200 V     133 A       Red operational current (he) at AC34, 600 V     133 A       Red operational current (he) at AC34, 600 V     10 A       Red operational current (he) at AC34, 600 V     10 A       Red operational current (he) at CC34, 260 V     10 A       Red operational current (he) at CC34, 260 V     10 A       Red operational current (he) at CC34, 260 V     10 A       Red operational current (he) at CC34, 260 V     10 A       Red operational current (he) at CC34, 260 V     10 A       Red operational current (he) at CC34, 260 V     10 A       Red operational current (he) at CC34, 260 V     10 A       Red operational current (he) at CC34, 260 V     10 A       Red operational current (he) at CC34, 260 V     10 A       Red operational current (he) at CC34, 260 V     10 A       Red operational current (he) at CC34, 260 V     10 A       Red operational power at AC3, 270, 200 V     10 A       Red operational power at AC3, 270, 200 V	Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V	11.5 A
Rated operational current liel at AC21, 460 V     49.4       Rated operational current liel at AC21, 460 V     33.4       Rated operational current liel at AC23, 400 V.15 V     33.4       Rated operational current liel at AC23, 400 V.15 V     33.4       Rated operational current liel at AC23, 400 V.15 V     33.4       Rated operational current liel at AC23, 400 V.15 V     103.4       Rated operational current liel at AC23, 400 V.15 V     10.4       Rated operational current liel at CC1, control switches Ur - 1 ns     10.4       Rated operational current liel at CC2, 240 V     10.4       Rated operational current liel at CC2, 240 V     10.4       Rated operational current liel at CC2, 240 V     10.4       Rated operational current liel at CC2, 240 V     10.4       Rated operational current liel at CC2, 240 V     10.4       Rated operational current liel at CC2, 240 V     5.4       Rated operational current liel at CC2, 240 V     5.4       Rated operational current liel at CC2, 240 V     5.5 A       Rated operational current liel at CC2, 240 V     5.5 A       Rated operational current liel at CC2, 240 V     5.5 A       Rated operational current liel at CC2, 240 V     5.5 A       Rated operational current liel at CC2, 200 V, 200 V     5.5 KW       Rated operational current liel at CC2, 200 V, 200 V.20 V.20 V.20 V.20 V.20 V.20 V.20	Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	11.5 A
Rated operational current (ile) at AC-23, 20 V     20 A       Rated operational current (ile) at AC-23, 20 V     133 A       Rated operational current (ile) at AC-23, 60 V     133 A       Rated operational current (ile) at AC-23, 60 V     133 A       Rated operational current (ile) at AC-23, 60 V     133 A       Rated operational current (ile) at AC-23, 60 V     133 A       Rated operational current (ile) at DC-1, los-break writches (ir = 1 ms     133 A       Rated operational current (ile) at DC-3, los-break writches (ir = 1 ms     10 A       Rated operational current (ile) at DC-3, los-break writches (ir = 1 ms     10 A       Rated operational current (ile) at DC-3, los V     10 A       Rated operational current (ile) at DC-3, los V     10 A       Rated operational current (ile) at DC-2, los V     10 A       Rated operational current (ile) at DC-2, los V     10 A       Rated operational current (ile) at DC-2, los V     10 A       Rated operational current (ile) at DC-2, los V     10 A       Rated operational current (ile) at CC-2, los V     10 A       Rated operational current (ile) at AC-2, 200 V     10 A       Rated operational current (ile) at AC-2, 200 V     10 A       Rated operational current (ile) at AC-2, 200 V     10 A       Rated operational current (ile) at AC-2, 200 V     10 A       Rated operational current (ile) at AC-2, 200 V     10 A <t< td=""><td>Rated operational current (Ie) at AC-3, 500 V</td><td>9 A</td></t<>	Rated operational current (Ie) at AC-3, 500 V	9 A
Rated operational current lip at AC-23A, 400 V 165 V     133 A       Rated operational current lip at AC-23A, 400 V 165 V     133 A       Rated operational current lip at AC-23A, 900 V     133 A       Rated operational current lip at AC-23A, 900 V     133 A       Rated operational current lip at DC-1, lood-break switches Vr = 1 ms     10 A       Rated operational current lip at DC-20, 24 V     10 A       Rated operational current lip at DC-23A, 48 V     10 A       Rated operational current lip at DC-23A, 48 V     10 A       Rated operational current lip at DC-23A, 48 V     10 A       Rated operational current lip at DC-23A, 48 V     10 A       Rated operational current lip at DC-23A, 48 V     10 A       Rated operational current lip at DC-23A, 48 V     10 A       Rated operational current lip at DC-23A, 48 V     10 A       Rated operational current lip at DC-23A, 48 V     10 A       Rated operational current lip at DC-23A, 24 V     20 A       Rated operational current lip at AC-3, 380 WO     20 A       Rated operational current lip at AC-3, 380 WO     20 A       Rated operational power at AC-3, 380 WO VS D Hz     55 KW       Rated operational power at AC-3, 380 WO VS D Hz     55 KW       Rated operational power at AC-23, 800 V, 50 Hz     55 KW       Rated operational power at AC-3, 380 WO V, 50 Hz     55 KW       Rated operational power at AC-3, 800 V, 50	Rated operational current (Ie) at AC-3, 660 V, 690 V	4.9 A
Rated operational current (la) at AC-32A, 500 V     13.3 A       Rated operational current (la) at AC-32A, 500 V     13.3 A       Rated operational current (la) at AC-32A, 500 V     10.4       Rated operational current (la) at AC-32A, 500 V     10.4       Rated operational current (la) at DC-32, 20V     10.4       Rated operational current (la) at DC-32, 300 V     10.4       Rated operational current (la) at DC-32, 300 V     10.4       Rated operational current (la) at DC-33, 30000 V     10.4       Rated operational current (la) at AC-3, 3000 V     10.4       Rated operational current (la) at AC-3, 3000 V     10.4       Rated operational power at AC-3, 3000 V     10.4       Rated operational power at AC-3, 3000 V     10.5       Rated operational power at AC-3, 500 V     10.4       Rated operational power at AC-3,	Rated operational current (Ie) at AC-21, 440 V	20 A
Rated operational current (1e) at AC-32A, 580 V     75 A       Rated operational current (1e) at AC-32A, 580 V     76 A       Rated operational current (1e) at DC-1, 1est-brack switches (1r = 1ms)     10 A       Rated operational current (1e) at DC-32, 480 V     10 A       Rated operational current (1e) at DC-32, 480 V     10 A       Rated operational current (1e) at DC-32, 480 V     10 A       Rated operational current (1e) at DC-32, 480 V     10 A       Rated operational current (1e) at DC-32, 480 V     5 A       Rated operational current (1e) at DC-32, 480 V     5 A       Rated operational current (1e) at DC-32, 480 V     5 A       Rated operational current (1e) at DC-32, 480 V     5 A       Rated operational current (1e) at DC-32, 480 V     5 A       Rated operational current (1e) at DC-32, 480 V     5 A       Rated operational current (1e) at DC-33, 480 V     5 A       Rated operational current (1e) at DC-33, 480 V     5 A       Rated operational current (1e) at DC-33, 480 V     5 A       Rated operational current (1e) at DC-33, 480 V     5 A       Rated operational current (1e) at DC-33, 480 V     5 A       Rated operational current (1e) at DC-30, 480 V     5 A       Rated operational current (1e) at DC-30, 480 V     5 A       Rated operational power at AC-3, 500 V     5 A       Rated operational power at AC-3, 600 V, 50 Hz     5 KW   <	Rated operational current (Ie) at AC-23A, 230 V	13.3 A
Rated operational current (iii) at AC-32A, 680 V     75 A       Rated operational current (ii) at DC-13, control switches LR = 50 ms     10 A       Rated operational current (ii) at DC-32A, 640 V     10 A       Rated operational current (ii) at DC-32A, 44 V     10 A       Rated operational current (ii) at DC-32A, 44 V     10 A       Rated operational current (ii) at DC-32A, 48 V     10 A       Rated operational current (ii) at DC-32A, 48 V     10 A       Rated operational current (ii) at DC-32A, 48 V     10 A       Rated operational current (ii) at DC-32A, 48 V     10 A       Rated operational current (ii) at DC-32A, 48 V     10 A       Rated operational current (ii) at DC-32A, 48 V     10 A       Rated operational current (ii) at DC-32A, 48 V     10 A       Rated operational current (ii) at DC-32A, 500 V     50 A       Rated operational current (ii) at AC-3, 580 V     15 A       Rated operational current (ii) at AC-3, 580 V     15 S NW       Rated operational power at AC-3, 580 V, 50 Hz     55 NW       Rated operational power at AC-3, 580 V, 50 Hz     55 NW       Rated operational power at AC-3, 580 V, 50 Hz     55 NW       Rated operational power at AC-3, 580 V, 50 Hz     55 NW       Rated operational power at AC-3, 580 V, 50 Hz     55 NW       Rated operational power at AC-3, 580 V, 50 Hz     55 NW       Rated operational power at AC-3, 580 V, 50 Hz <td>Rated operational current (Ie) at AC-23A, 400 V, 415 V</td> <td>13.3 A</td>	Rated operational current (Ie) at AC-23A, 400 V, 415 V	13.3 A
Rated operational current (1e) at DC-1, load-break switches (JR = 50 ms     10 A       Rated operational current (1e) at DC-23, 24V     10 A       Rated operational current (1e) at DC-23A, 48V     10 A       Rated operational current (1e) at DC-23A, 68V     10 A       Rated operational current (1e) at DC-23A, 68V     10 A       Rated operational current (1e) at DC-23A, 68V     10 A       Rated operational current (1e) at DC-23A, 68V     10 A       Rated operational current (1e) at DC-23A, 24V     10 A       Rated operational current (1e) at DC-23A, 68V     10 A       Rated operational current (1e) at DC-23A, 68V     10 A       Rated operational current (1e) at DC-23A, 500 V     20 A       Rated operational current (1e) star-folts at AC-3, 300400 V     20 A       Rated operational current (1e) star-folts at AC-3, 300400 V     20 A       Rated operational current (1e) star-folts at AC-3, 300400 V     55 W       Rated operational power at AC-3, 480V V, 50 Hz     55 W       Rated operational power at AC-3, 480V V, 50 Hz     55 W       Rated operational power at AC-3, 480V V, 50 Hz     55 W       Rated operational power at AC-3, 480V V, 50 Hz     55 W       Rated operational power at AC-3, 480V V, 50 Hz     55 W       Rated operational power at AC-3, 480V V, 50 Hz     55 W       Rated operational power at AC-3, 480V V, 50 Hz     55 W       Rated operational pow	Rated operational current (Ie) at AC-23A, 500 V	13.3 A
Rated operational current (le) at DC-13, control switches L/B = 50 ms       IA         Rated operational current (le) at DC-23, 20 V       IA         Rated operational current (le) at DC-23A, 24 V       IDA         Rated operational current (le) at DC-23A, 24 V       IDA         Rated operational current (le) at DC-23A, 24 V       IDA         Rated operational current (le) at DC-23A, 26 V       IDA         Rated operational current (le) at DC-23A, 20 V       IDA         Rated operational current (le) at DC-23A, 20 V       IDA         Rated operational current (le) at DC-23A, 20 V       IDA         Rated operational current (le) at DC-23A, 20 V       IDA         Rated operational current (le) at DC-23A, 20 V       IDA         Rated operational current (le) at DC-23A, 20 V       IDA         Rated operational current (le) at DC-23A, 20 V       IDA         Rated operational current (le) at DC-23A, 20 V       IDA         Rated operational current (le) at DC-23A, 20 V       IDA         Rated operational current (le) at DC-23A, 20 V       IDA         Rated operational current (le) at DC-23A, 20 V       IDA         Rated operational current (le) at DC-23A, 20 V       IDA         Rated operational current (le) at DC-23A, 20 V       IDA         Rated operational power at AC-3, 380 V       IDA         Rat	Rated operational current (Ie) at AC-23A, 690 V	7.6 A
Rated operational current (ib) at DC-21,240 V       IA         Rated operational current (ib) at DC-23A, 24 V       IDA         Rated operational current (ib) at DC-23A, 40 V       IDA         Rated operational current (ib) at DC-23A, 40 V       IDA         Rated operational current (ib) at DC-23A, 240 V       IDA         Rated operational current (ib) at DC-23A, 240 V       IDA         Rated operational current (ib) at DC-23A, 240 V       IDA         Rated operational current (ib) at DC-23A, 240 V       IDA         Rated operational current (ib) star-deta at AC-3, 202/20 V       IDA         Rated operational current (ib) star-deta at AC-3, 302/400 V       IDA         Rated operational current (ib) star-deta at AC-3, 300 V00 V       IDA         Rated operational power at AC-3, 300 V00 V, 50 Hz       IDA         Rated operational power at AC-3, 300 V, 50 Hz       IDA         Rated operational power at AC-3, 400 V, 50 Hz       IDA         Rated operational power at AC-3, 400 V, 50 Hz       IDA         Rated operational power at AC-3, 400 V, 50 Hz       IDA         Rated operational power at AC-23, 400 V, 50 Hz       IDA         Rated operational power at AC-23, 400 V, 50 Hz       IDA         Rated operational power at AC-23, 400 V, 50 Hz       IDA         Rated operational power at AC-23, 400 V, 50 Hz       IDA     <	Rated operational current (Ie) at DC-1, load-break switches $I/r = 1 ms$	10 A
Rated operational current (la) at DC-23A, 24 V     IDA       Rated operational current (la) at DC-23A, 48 V     IDA       Rated operational current (la) at DC-23A, 48 V     IDA       Rated operational current (la) at DC-23A, 120 V     IDA       Rated operational current (la) at DC-23A, 120 V     IDA       Rated operational current (la) at DC-23A, 120 V     IDA       Rated operational current (la) at AC-3, 280 AUV     IDA       Rated operational current (la) star-delta at AC-3, 380400 V     IDA       Rated operational current (la) star-delta at AC-3, 380400 V     IDA       Rated operational current (la) star-delta at AC-3, 380400 V     IDA       Rated operational current (la) star-delta at AC-3, 380400 V     IDA       Rated operational current (la) star-delta at AC-3, 380400 V     IDA       Rated operational current (la) star-delta at AC-3, 380400 V     IDA       Rated operational power at AC-3, 380400 V, 50 Hz     IDA       Rated operational power at AC-3, 380400 V, 50 Hz     IDA       Rated operational power at AC-3, 2800 V, 50 Hz     IDA       Rated operational power at AC-3, 2800 V, 50 Hz     IDA       Rated operational power at AC-3, 2800 V, 50 Hz     IDA       Rated operational power at AC-3, 890 V, 50 Hz     IDA       Rated operational power at AC-3, 890 V, 50 Hz     IDA       Rated operational power at AC-3, 890 V, 50 Hz     IDA       Rated operatio	Rated operational current (Ie) at DC-13, control switches $L/R = 50$ ms	10 A
Rated operational current (la) at DC-23A, 46 V       IDA         Rated operational current (la) at DC-23A, 60 V       IDA         Rated operational current (la) at DC-23A, 260 V       IDA         Rated operational current (la) at DC-23A, 240 V       IDA         Rated operational current (la) at DC-23A, 240 V       IDA         Rated operational current (la) at DC-23A, 240 V       IDA         Rated operational current (la) star-detta at AC-3, 380400 V       IDA         Rated operational current (la) star-detta at AC-3, 380400 V       IDA         Rated operational current (la) star-detta at AC-3, 380400 V       IDA         Rated operational power at AC-3, 380400 V, 50 Hz       IDA         Rated operational power at AC-3, 400 V, 50 Hz       IDA         Rated operational power at AC-23, 500 V, 50 Hz       IDA         Rated operational power at AC-23, 500 V, 50 Hz       IDA         Rated operational power at AC-3, 500 V, 50 Hz       IDA         Rated operational power at AC-34, 500 V, 50 Hz       IDA         Rated operational power at AC-34, 500 V, 50 Hz       IDA	Rated operational current (le) at DC-21, 240 V	1 A
Rated operational current (le) at DC-32A, 50 V       10 A         Rated operational current (le) at DC-32A, 240 V       5 A         Rated operational current (le) at DC-32A, 240 V       5 A         Rated operational current (le) star-delta at AC-3, 280/20 V       20 A         Rated operational current (le) star-delta at AC-3, 280/20 V       20 A         Rated operational current (le) star-delta at AC-3, 280/20 V       20 A         Rated operational current (le) star-delta at AC-3, 280/V       20 A         Rated operational current (le) star-delta at AC-3, 280/V       20 A         Rated operational current (le) star-delta at AC-3, 280/V       20 A         Rated operational current (le) star-delta at AC-3, 280/V       20 A         Rated operational power at AC-3, 380/400 V, 50 Hz       55 KW         Rated operational power at AC-3, 280/V, 50 Hz       55 KW         Rated operational power at AC-32A, 200/230 V, 50 Hz       55 KW         Rated operational power at AC-23A, 400 V, 50 Hz       55 KW         Rated operational power at AC-23A, 200/230 V, 50 Hz       55 KW         Rated operational power at AC-32A, 500 V, 50 Hz       55 KW         Rated operational power at AC-23A, 400 V, 50 Hz       55 KW         Rated operational power at AC-23A, 500 V, 50 Hz       55 KW         Rated operational power at AC-23A, 500 V, 50 Hz       55 KW	Rated operational current (Ie) at DC-23A, 24 V	10 A
Reted operational current (le) at DC-32A, 240 V       5 A         Reted operational current (le) star-delta at AC-3, 220/230 V       20 A         Reted operational current (le) star-delta at AC-3, 380/400 V       20 A         Reted operational current (le) star-delta at AC-3, 380/400 V       55 A         Reted operational current (le) star-delta at AC-3, 380/400 V       55 A         Reted operational current (le) star-delta at AC-3, 800 V       55 A         Reted operational power at AC-3, 415 V, 50 H2       55 KW         Reted operational power at AC-3, 500 V, 50 H2       55 KW         Reted operational power at AC-3, 500 V, 50 H2       55 KW         Reted operational power at AC-30, 500 V, 50 H2       55 KW         Reted operational power at AC-3A, 450 V, 50 H2       55 KW         Reted operational power at AC-3A, 800 V, 50 H2       55 KW         Reted operational power at AC-3A, 800 V, 50 H2       55 KW         Reted operational power at AC-3A, 400 V, 50 H2       55 KW         Reted operational power at AC-3A, 800 V, 50 H2       55 KW         Reted operational power at AC-3A, 800 V, 50 H2       55 KW         Reted operational power at AC-3A, 800 V, 50 H2       55 KW         Reted operational power at AC-3A, 800 V, 50 H2       55 KW         Reted operational power at AC-3A at 300 V, 50 H2       55 KW         Reted operational	Rated operational current (Ie) at DC-23A, 48 V	10 A
Rated operational current (le) at DC-23A, 240 V       5         Rated operational current (le) star-deta at AC-3, 220/230 V       20 A         Rated operational current (le) star-deta at AC-3, 380/400 V       20 A         Rated operational current (le) star-deta at AC-3, 380/400 V       55. A         Rated operational current (le) star-deta at AC-3, 580 V       55. KW         Rated operational power at AC-3, 380/400 V, 50 Hz       55. KW         Rated operational power at AC-3, 580 V, 50 Hz       55. KW         Rated operational power at AC-3, 680 V, 50 Hz       55. KW         Rated operational power at AC-3, 680 V, 50 Hz       55. KW         Rated operational power at AC-3, 680 V, 50 Hz       55. KW         Rated operational power at AC-3, 680 V, 50 Hz       55. KW         Rated operational power at AC-3, 680 V, 50 Hz       55. KW         Rated operational power at AC-3, 680 V, 50 Hz       55. KW         Rated operational power at AC-3, 680 V, 50 Hz       55. KW         Rated operational power at AC-3, 680 V, 50 Hz       55. KW         Rated operational power at AC-3, 680 V, 50 Hz       55. KW         Rated operational power at AC-3, 680 V, 50 Hz       55. KW         Rated operational power at AC-3, 680 V, 50 Hz       55. KW         Rated operational power star-deta at 500 V, 50 Hz       55. KW         Rated operational power s	Rated operational current (Ie) at DC-23A, 60 V	10 A
Rated operational current (le) star-delta at AC-3, 220/230 V     20 A       Rated operational current (le) star-delta at AC-3, 380/400 V     20 A       Rated operational current (le) star-delta at AC-3, 380/400 V     55 A       Rated operational power at AC-3, 380/400 V, 50 Hz     55 KW       Rated operational power at AC-3, 380/400 V, 50 Hz     55 KW       Rated operational power at AC-3, 380/400 V, 50 Hz     55 KW       Rated operational power at AC-3, 380/400 V, 50 Hz     55 KW       Rated operational power at AC-3, 380/400 V, 50 Hz     55 KW       Rated operational power at AC-3, 415 V, 50 Hz     4 KW       Rated operational power at AC-3, 500 V, 50 Hz     55 KW       Rated operational power at AC-3, 500 V, 50 Hz     55 KW       Rated operational power at AC-3, 500 V, 50 Hz     55 KW       Rated operational power at AC-3, 500 V, 50 Hz     55 KW       Rated operational power at AC-3, 500 V, 50 Hz     55 KW       Rated operational power at AC-3, 500 V, 50 Hz     55 KW       Rated operational power at AC-3, 500 V, 50 Hz     55 KW       Rated operational power at AC-3, 500 V, 50 Hz     55 KW       Rated operational power at AC-3, 500 V, 50 Hz     55 KW       Rated operational power at AC-3, 500 V, 50 Hz     55 KW       Rated operational power at AC-3, 500 V, 50 Hz     55 KW       Rated operational power at AC-3, 500 V, 50 Hz     55 KW       Rated operation	Rated operational current (Ie) at DC-23A, 120 V	5 A
Rated operational current (le) star-delta at AC-3, 380/400 V       20 A         Rated operational current (le) star-delta at AC-3, 500 V       15.6 A         Rated operational power at AC-3, 380/400 V, 50 Hz       55 kW         Rated operational power at AC-3, 380/400 V, 50 Hz       55 kW         Rated operational power at AC-3, 380/400 V, 50 Hz       55 kW         Rated operational power at AC-3, 500 V, 50 Hz       55 kW         Rated operational power at AC-3, 500 V, 50 Hz       55 kW         Rated operational power at AC-3, 500 V, 50 Hz       55 kW         Rated operational power at AC-32, 200/200 V, 50 Hz       55 kW         Rated operational power at AC-32A, 400 V, 50 Hz       55 kW         Rated operational power at AC-23A, 500 V, 50 Hz       55 kW         Rated operational power at AC-23A, 500 V, 50 Hz       55 kW         Rated operational power at AC-23A, 500 V, 50 Hz       55 kW         Rated operational power at AC-23A, 500 V, 50 Hz       55 kW         Rated operational power at AC-23A, 500 V, 50 Hz       55 kW         Rated operational power at ac-23A, 500 V, 50 Hz       55 kW         Rated operational power at ac-23A, 500 V, 50 Hz       55 kW         Rated operational power at ac-23A, 500 V, 50 Hz       55 kW         Rated operational power at ac-23A, 500 V, 50 Hz       55 kW         Rated operational power star-delt	Rated operational current (Ie) at DC-23A, 240 V	5 A
Rated operational current (le) star-delta at AC-3, 500 V       15.6 A         Rated operational current (le) star-delta at AC-3, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-3, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-3, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-3, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-3, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-3, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-3, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-23A, 000 V, 50 Hz       5.5 kW         Rated operational power at AC-23A, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-23A, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-23A, 600 V, 50 Hz       5.5 kW         Rated operational power at AC-23A, 600 V, 50 Hz       5.5 kW         Rated operational power star-delta at 300400 V, 50 Hz       5.5 kW         Rated operational power star-delta at 5000 V, 50 Hz       5.5 kW         Rated operational power star-delta at 5000 V, 50 Hz       5.5 kW         Rated operational power star-delta at 5000 V, 50 Hz       5.5 kW         Rated operational power star-delta at 5000 V, 50 Hz       5.5 kW         Rated content star 600 V, 50 Hz       6.4 k         Rated operational pow	Rated operational current (Ie) star-delta at AC-3, 220/230 V	20 A
Rated operational current (le) star-delta at AC-3, 690 V       8.5 A         Rated operational power at AC-3, 300/400 V, 50 Hz       5.5 kW         Rated operational power at AC-3, 15 V, 50 Hz       5.5 kW         Rated operational power at AC-3, 690 V, 50 Hz       5.5 kW         Rated operational power at AC-3, 202/230 V, 50 Hz       5.5 kW         Rated operational power at AC-33, 690 V, 50 Hz       5.5 kW         Rated operational power at AC-33, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-33, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-33, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-33, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-33, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-33, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-33, 500 V, 50 Hz       5.5 kW         Rated operational power star-delta at 330/400 V, 50 Hz       5.5 kW         Rated operational power star-delta at 300 V, 50 Hz       5.5 kW         Rated operational power star-delta at 500 V, 50 Hz       5.5 kW         Rated operational power star-delta at 600 V, 50 Hz       5.5 kW         Rated operational power star-delta at 600 V, 50 Hz       5.6 kW         Rated operational power star-delta at 600 V, 50 Hz       6.5 kW         Rated operational	Rated operational current (Ie) star-delta at AC-3, 380/400 V	20 A
Rated operational power at AC-3, 380/400 V, 50 Hz       5.5 kW         Rated operational power at AC-3, 415 V, 50 Hz       5.5 kW         Rated operational power at AC-3, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-3, 690 V, 50 Hz       5.5 kW         Rated operational power at AC-30, 202/30 V, 50 Hz       4 kW         Rated operational power at AC-23A, 202/30 V, 50 Hz       5.5 kW         Rated operational power at AC-23A, 690 V, 50 Hz       5.5 kW         Rated operational power at AC-23A, 690 V, 50 Hz       5.5 kW         Rated operational power at AC-23A, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-23A, 690 V, 50 Hz       5.5 kW         Rated operational power at AC-23A, 690 V, 50 Hz       5.5 kW         Rated operational power at AC-23A, 690 V, 50 Hz       5.5 kW         Rated operational power at AC-23A, 690 V, 50 Hz       5.5 kW         Rated operational power star-delta at 380/400 V, 50 Hz       5.5 kW         Rated operational power star-delta at 690 V, 50 Hz       5.5 kW         Rated operational power star-delta at 690 V, 50 Hz       5.5 kW         Rated operational power star-delta at 690 V, 50 Hz       5.5 kW         Rated operational power star-delta at 690 V, 50 Hz       6.4         Mated operational power star-delta at 690 V, 50 Hz       6.4A         Rated operational power	Rated operational current (Ie) star-delta at AC-3, 500 V	15.6 A
Rated operational power at AC-3, 415 V, 50 Hz       5.5 kW         Rated operational power at AC-3, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-3, 690 V, 50 Hz       4 kW         Rated operational power at AC-32A, 220/230 V, 50 Hz       3 kW         Rated operational power at AC-32A, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-32A, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-23A, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-23A, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-32A, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-32A, 600 V, 50 Hz       5.5 kW         Rated operational power at AC-32A, 600 V, 50 Hz       5.5 kW         Rated operational power at AC-32A, 600 V, 50 Hz       5.5 kW         Rated operational power at AC-32A, 600 V, 50 Hz       5.5 kW         Rated operational power star-delta at 500 V, 50 Hz       5.5 kW         Rated operational power star-delta at 500 V, 50 Hz       5.5 kW         Rated operational power star-delta at 500 V, 50 Hz       5.5 kW         Rated operational power star-delta at 500 V, 50 Hz       5.5 kW         Rated operational power star-delta at 500 V, 50 Hz       5.5 kW         Rated operational power star-delta at 500 V, 50 Hz       5.5 kW         Rated operational power sta	Rated operational current (Ie) star-delta at AC-3, 690 V	8.5 A
Rated operational power at AC-3, 500 V, 50 Hz       5.5 kW         Rated operational power at AC-3, 690 V, 50 Hz       4 kW         Rated operational power at AC-32A, 220/30 V, 50 Hz       5.5 kW         Rated operational power at AC-32A, 220/30 V, 50 Hz       5.5 kW         Rated operational power at AC-32A, 690 V, 50 Hz       5.5 kW         Rated operational power at AC-32A, 690 V, 50 Hz       5.5 kW         Rated operational power at AC-32A, 690 V, 50 Hz       5.5 kW         Rated operational power at AC-32A, 690 V, 50 Hz       5.5 kW         Rated operational power at AC-32A, 690 V, 50 Hz       5.5 kW         Rated operational power at AC-32A, 690 V, 50 Hz       5.5 kW         Rated operational power at AC-32A, 690 V, 50 Hz       5.5 kW         Rated operational power at AC-32A, 690 V, 50 Hz       5.5 kW         Rated operational power at AC-32A, 690 V, 50 Hz       5.5 kW         Rated operational power star-delta at 380/400 V, 50 Hz       7.5 kW         Rated operational power star-delta at 500 V, 50 Hz       6.5 kW         Rated operational power star-delta at 690 V, 50 Hz       20 A         Rated operational power star-delta at 690 V, 50 Hz       6.6 kM         Rated operational power star-delta at 690 V, 50 Hz       6 kA         Rated operational power star-delta at 990 V, 50 Hz       6 kA         Rated conditional short	Rated operational power at AC-3, 380/400 V, 50 Hz	5.5 kW
Rated operational power at AC-3, 990 V, 50 Hz       4 kW         Rated operational power at AC-33, 200/230 V, 50 Hz       3 kW         Rated operational power at AC-23A, 200/230 V, 50 Hz       5 5 kW         Rated operational power at AC-23A, 600 V, 50 Hz       5 5 kW         Rated operational power at AC-23A, 600 V, 50 Hz       5 5 kW         Rated operational power at AC-23A, 600 V, 50 Hz       5 5 kW         Rated operational power at AC-23A, 600 V, 50 Hz       5 5 kW         Rated operational power at AC-23A, 600 V, 50 Hz       5 5 kW         Rated operational power at AC-23A, 600 V, 50 Hz       5 5 kW         Rated operational power at AC-23A, 600 V, 50 Hz       5 5 kW         Rated operational power at AC-23A, 600 V, 50 Hz       5 5 kW         Rated operational power star-delta at 200/230 V, 50 Hz       7 5 kW         Rated operational power star-delta at 500 V, 50 Hz       7 5 kW         Rated operational power star-delta at 600 V, 50 Hz       7 5 kW         Rated operational power star-delta at 600 V, 50 Hz       20 A         Vointerrupted current (lu)       20 A         Uninterrupted current (lu)       20 A         Rated conditional short-circuit current (lq)       6 kA         Rated short-time withstand current (low)       320 A, Contacts, 1 second 0.32 kA         Short-circuit current rating (basic rating)	Rated operational power at AC-3, 415 V, 50 Hz	5.5 kW
Rated operational power at AC-23A, 220/230 V, 50 Hz3kWRated operational power at AC-23A, 400 V, 50 Hz5.5 kWRated operational power at AC-23A, 600 V, 50 Hz7.5 kWRated operational power at AC-23A, 690 V, 50 Hz5.5 kWRated operational power star-delta at 220/230 V, 50 Hz5.5 kWRated operational power star-delta at 220/230 V, 50 Hz5.5 kWRated operational power star-delta at 230/400 V, 50 Hz5.5 kWRated operational power star-delta at 380/400 V, 50 Hz7.5 kWRated operational power star-delta at 690 V, 50 Hz7.5 kWRated operational power star-delta at 690 V, 50 Hz6.6 kMRated operational power star-delta at 690 V, 50 Hz6.6 kARated operational power star-delta at 690 V, 50 Hz6.6 kARated operational power star-delta at 690 V, 50 Hz6.6 kARated operational power star-delta at 690 V, 50 Hz6.6 kARated operational power star-delta at 690 V, 50 Hz6.6 kARated uninterrupted current (lu)6.6 kAShort-circuit rating5.5 kWShort-circuit current (lq)6.4 kAShort-circuit current (lg)5.6 kA, SCCR (UL/CSA)Short-circuit current rating (basic rating)5.6 kA, SCCR (UL/CSA)Short-circuit current rating (basic rating)5.6 kA, SCCR (UL/CSA)Short-circuit current rating (high fault)6.4 class J, max. Fuse, SCCR (UL/CSA)	Rated operational power at AC-3, 500 V, 50 Hz	5.5 kW
Rated operational power at AC-23A, 400 V, 50 Hz       5.5 kW         Rated operational power at AC-23A, 500 V, 50 Hz       7.5 kW         Rated operational power at AC-23A, 600 V, 50 Hz       5.5 kW         Rated operational power at AC-23A, 600 V, 50 Hz       5.5 kW         Rated operational power at AC-23A, 600 V, 50 Hz       5.5 kW         Rated operational power star-delta at 220/230 V, 50 Hz       5.5 kW         Rated operational power star-delta at 380/400 V, 50 Hz       7.5 kW         Rated operational power star-delta at 500 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       6.4         Rated operational power star-delta at 690 V, 50 Hz       6.4         Rated operational power star-delta at 690 V, 50 Hz       6.4         Rated operational power star-delta at 690 V, 50 Hz       6.4         Rated operational power star-delta at 690 V, 50 Hz       6.4         Rated operational power star-delta at 690 V, 50 Hz       6.4         Rated operational power star-delta at 690 V, 50 Hz       6.4         Short-circuit rating       6.4         Short-circuit current (lcw)       6.4         Short-circuit current rating (basic rating)       5.4, SCCR (UL/CSA)         Short-circuit current rating (high fault)       20.4, C	Rated operational power at AC-3, 690 V, 50 Hz	
Rated operational power at AC-23A, 500 V, 50 Hz       7.5 kW         Rated operational power at AC-23A, 600 V, 50 Hz       5.5 kW         Rated operational power star-delta at 220/230 V, 50 Hz       5.5 kW         Rated operational power star-delta at 380/400 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       6 kA         Short-circuit rating       6 kA         Short-circuit		
Rated operational power at AC-23A, 690 V, 50 Hz       5.5 kW         Rated operational power star-delta at 220/230 V, 50 Hz       5.5 kW         Rated operational power star-delta at 330/400 V, 50 Hz       7.5 kW         Rated operational power star-delta at 500 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       20 A         Rated uninterrupted current (lu)       20 A         Uninterrupted current (lu)       8466 Perfectional short-circuit current (lq)         Rated short-time withstand current (lq)       6 kA         Rated short-time (lcw)       320 A, Contacts, 1 second 0.32 kA         Short-circuit current rating (basic rating)       5 kA, SCCR (UL/CSA)         Short-circuit current rating (high fault)       20 A, Class J, max. Fuse, SCCR (UL/CSA)		
Rated operational power star-delta at 220/230 V, 50 Hz       5.5 kW         Rated operational power star-delta at 380/400 V, 50 Hz       7.5 kW         Rated operational power star-delta at 300 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       20 A         Rated uninterrupted current (lu)       20 A         Uninterrupted current (lu)       8ated uninterrupted current lu is specified for max. cross-section.         Short-circuit rating       6 kA         Rated short-time withstand current (lcw)       320 A, Contacts, 1 second 0.32 kA         Short-circuit current rating (basic rating)       5 kA, SCCR (UL/CSA)         Short-circuit current rating (high fault)       20 A, Class J, max. Fuse, SCCR (UL/CSA)	· · ·	
Rated operational power star-delta at 380/400 V, 50 Hz       7.5 kW         Rated operational power star-delta at 500 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       5.5 kW         Rated uninterrupted current (lu)       20 A         Uninterrupted current (lu)       6 kA         Rated conditional short-circuit current (lq)       6 kA         Rated short-time withstand current (lcw)       20 A, Contacts, 1 second 0.32 kA         Short-circuit urrent rating (basic rating)       5 kA, SCCR (UL/CSA)         Short-circuit current rating (high fault)       20 A, Class J, max. Fuse, SCCR (UL/CSA)		
Rated operational power star-delta at 500 V, 50 Hz       7.5 kW         Rated operational power star-delta at 690 V, 50 Hz       5.5 kW         Rated uninterrupted current (lu)       20 A         Uninterrupted current (lu)       Rated uninterrupted current lu is specified for max. cross-section.         Short-circuit rating       6 kA         Rated short-time withstand current (lcw)       320 A, Contacts, 1 second 0.32 kA         Short-circuit current rating (basic rating)       5 kA, SCCR (UL/CSA)         Short-circuit urrent rating (high fault)       20 A, Class J, max. Fuse, SCCR (UL/CSA)		
Rated operational power star-delta at 690 V, 50 Hz       5.5 kW         Rated uninterrupted current (lu)       20 A         Uninterrupted current       Rated uninterrupted current lu is specified for max. cross-section.         Short-circuit rating       6 kA         Rated short-time withstand current (lcw)       20 A, Contacts, 1 second 0.32 kA         Short-circuit current rating (basic rating)       5 kA, SCCR (UL/CSA)         Short-circuit current rating (high fault)       20 A, Class J, max. Fuse, SCCR (UL/CSA)		
Rated uninterrupted current (lu)       20 A         Uninterrupted current       Rated uninterrupted current lu is specified for max. cross-section.         Short-circuit rating       Fated conditional short-circuit current (lq)         Rated short-time withstand current (lcw)       6 kA         Short-circuit current rating (basic rating)       5 kA, SCCR (UL/CSA)         Short-circuit current rating (high fault)       20 A		
Uninterrupted current       Rated uninterrupted current luis specified for max. cross-section.         Short-circuit rating       6 kA         Rated short-time withstand current (lcw)       6 kA         Short-circuit current rating (basic rating)       5 kA, SCCR (UL/CSA)         Short-circuit current rating (high fault)       20 A, Class J, max. Fuse, SCCR (UL/CSA)		
Short-circuit rating       Image: Short-circuit current (lq)       Image: Short-circuit current (lcw)       Image: Short-circuit current rating (basic rating)       Image: Short-circuit current rating (basic rating)       Image: Short-circuit current rating (bigh fault)       Image: Short-circuit		
Rated conditional short-circuit current (Iq)       6 kA         Rated short-time withstand current (Icw)       320 A, Contacts, 1 second         Short-circuit current rating (basic rating)       5 kA, SCCR (UL/CSA)         Short-circuit current rating (high fault)       20 A, Class J, max. Fuse, SCCR (UL/CSA)		המנפט שהתנפרדטענפט כשרופות זע זה specified for max. Cross-secuon.
Rated short-time withstand current (Icw)     320 A, Contacts, 1 second       Short-circuit current rating (basic rating)     5 kA, SCCR (UL/CSA)       Short-circuit current rating (high fault)     20 A, Class J, max. Fuse, SCCR (UL/CSA)	-	
Short-circuit current rating (basic rating)     0.32 kA       Short-circuit current rating (high fault)     5 kA, SCCR (UL/CSA)       Short-circuit current rating (high fault)     20 A, Class J, max. Fuse, SCCR (UL/CSA)		
Short-circuit current rating (high fault)     50A, max. Fuse, SCCR (UL/CSA)       20 A, Class J, max. Fuse, SCCR (UL/CSA)	Kated short-time withstand current (Icw)	
	Short-circuit current rating (basic rating)	
	Short-circuit current rating (high fault)	

Short-circuit protection rating	20 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)	16 A, Rated uninterrupted current max. (UL/CSA)
Switching capacity (auxiliary contacts, general use)	10A, IU, (UL/CSA)
Switching capacity (auxiliary contacts, pilot duty)	P300 (UL/CSA) A600 (UL/CSA)
Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)	130 A
Voltage per contact pair in series	60 V
Motor rating	
Assigned motor power at 115/120 V, 60 Hz, 1-phase	0.5 HP
Assigned motor power at 200/208 V, 60 Hz, 1-phase	1 HP
Assigned motor power at 200/208 V, 60 Hz, 3-phase	3 HP
Assigned motor power at 230/240 V, 60 Hz, 1-phase	1.5 HP
Assigned motor power at 230/240 V, 60 Hz, 3-phase	3 HP
Assigned motor power at 460/480 V, 60 Hz, 3-phase	7.5 HP
Assigned motor power at 575/600 V, 60 Hz, 3-phase	7.5 HP
Contacts	
Control circuit reliability	1 failure per 100,000 switching operations statistically determined, at 24 V DC, 10
Number of auxiliary contacts (change-over contacts)	mA) 0
Number of auxiliary contacts (change-over contacts)	0
Number of auxiliary contacts (normally open contacts)	0
Actuator	
Actuator color	Black
Actuator function	Maintained
Actuator type	Door coupling rotary drive
Design verification	
Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	0 W 0.6 W
Heat dissipation per pole, current-dependent Pvid	20 A
Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvs	0 W
10.2.2 Corrosion resistance	
10.2.2 Convision resistance	Meets the product standard's requirements. 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) / Switch disconnector (low voltage) (EC000216)

Electric engineering, automation, process control engineering / Low-voltage switch [AKF060018])	h technology / (	Off-load sv	vitch, circuit breaker, control switch / Switch disconnector (ecl@ss13-27-37-14-03
Version as main switch			No
Version as maintenance-/service switch			No
Version as safety switch			No
Version as emergency stop installation			No
Version as reversing switch			No
Number of switches			1
Max. rated operation voltage Ue AC		V	
Rated operating voltage		V	690 - 690
Rated permanent current lu		A	20
Rated permanent current at AC-23, 400 V		A	
Rated permanent current at AC-21, 400 V		A	20
Rated operation power at AC-3, 400 V		kW	5.5
Rated short-time withstand current lcw		kA	0.32
Rated operation power at AC-23, 400 V		kW	5.5
Switching power at 400 V		kW	5.5
Conditioned rated short-circuit current Iq		kA	6
Number of poles			7
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			Built-in device fixed built-in technique
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			Yes
Colour control element			Black
Type of control element			Door coupling rotary drive
Interlockable			No
Type of electrical connection of main circuit			Screw connection
With pre-assembled cabling			No
Degree of protection (IP), front side			IP65
Degree of protection (NEMA)			12
Width		mm	48
Height		mm	48
Depth		mm	147
Width in number of modular spacings			