DATASHEET - P1-32/I2/SVC(S)-RT

Panic switches, P1, 32 A, surface mounting, 3 pole, with red thumb grip and yellow front plate, Padlocking feature SVC



Part no.

P1-32/I2/SVC(S)-RT 207328

Product name	Eaton Moeller® series P1 Panic switch
Part no.	P1-32/I2/SVC(S)-RT
EAN	4015082073282
Product Length/Depth	126 millimetre
Product height	180 millimetre
Product width	100 millimetre
Product weight	0.545 kilogram
Certifications	IEC/EN 60947-3 VDE 0660 IEC/EN 60947 IEC/EN 60204
Product Tradename	P1
Product Type	Panic switch
Product Sub Type	None
Catalog Notes	If the locking slide is interlocked with lock in position 1 the switch can be switched off but not on again without removing the lock. Lockable with max. 3 padlocks. Rated Short-time Withstand Current (Icw) for a time of 1 second
Fitted with:	Red thumb grip and yellow front plate
Functions	Emergency switching off function
Inscription	0-1
Locking facility	Lockable in the 0 (Off) position (cover interlock)
Locking mechanism	Padlocking feature SVC
Number of poles	3
Accessories	Auxiliary contact or neutral conductor fitted by user.
Degree of protection	NEMA 12
Degree of protection (front side)	IP65
Lifespan, mechanical	300,000 Operations
Mounting method	Surface mounting
Mounting position	As required
Operating frequency	1200 Operations/h
Overvoltage category	Ш
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	Ground mounting
Switching angle	90 °
Туре	Panic switch
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	40 °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 Damp heat, constant, to IEC 60068-2-78

Serve size Minimal serve Tightening torque Impaired in Serve terminals Tightening torque Impaired in Serve terminals Read breaking capacity at 2002DV (cos ph to IEC 60947-3) 200 A Read breaking capacity at 2002DV (cos ph to IEC 60947-3) 200 A Read breaking capacity at 2002DV (cos ph to IEC 60947-3) 200 A Read breaking capacity at 2002 V (cos ph to IEC 60947-3) 200 A Read operational current (le) AL-C3, 200 V (cos ph to IEC 60947-3) 264 A Read operational current (le) AL-C3, 200 V (200 V 200	Terminal capacity	2 x (1.5 - 6) mm ² , solid or stranded 2 x (1 - 4) mm ² , flexible with ferrules to DIN 46228 1 x (1 - 4) mm ² , flexible with ferrules to DIN 46228 1 x (1.5 - 6) mm ² , solid or stranded
Raded breaking capacity at 200/200 V (cos phi to IEC 60947-3) 200 A Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3) 300 A Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3) 200 A Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3) 200 A Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3) 200 A Rated operational current (i) at AC-3, 380 V, 400 V, 415 V 264 A Rated operational current (i) at AC-3, 280 V, 400 V, 415 V 234 A Rated operational current (i) at AC-23A, 200 V 244 A Rated operational current (i) at AC-23A, 500 V 234 A Rated operational current (i) at AC-23A, 500 V 234 A Rated operational current (i) at AC-23A, 500 V 234 A Rated operational current (i) at AC-23A, 500 V 234 A Rated operational current (i) at AC-23A, 500 V 234 A Rated operational current (i) at AC-23A, 500 V 304 A Rated operational current (i) at AC-23A, 500 V 304 A Rated operational current (i) at DC-1, had-break switches i/r = 1 ms 254 A Rated operational current (i) at DC-23A, 40 V 304 A Rated operational current (i) at DC-23A, 40 V 304 A Rated operational current (i) at DC-23A, 40 V 304 A Rated operational current (i) at DC-23A, 40 V 304 A Rated operational current (i) at	Screw size	M4, Terminal screw
Rated breaking capacity at 40(415 V (cos phi to IEC 60947-3) 300 A Rated breaking capacity at 60(980 V (cos phi to IEC 60947-3) 200 A Rated operational current (i) at AC-3, 220 V, 200 V, 240 V 264 A Rated operational current (i) at AC-3, 200 V, 240 V 264 A Rated operational current (i) at AC-3, 200 V, 240 V 244 A Rated operational current (i) at AC-3, 200 V, 240 V 244 A Rated operational current (i) at AC-3, 200 V, 415 V 244 A Rated operational current (i) at AC-3, 800 V, 600 V 244 A Rated operational current (i) at AC-3, 500 V 244 A Rated operational current (i) at AC-3, 500 V 244 A Rated operational current (i) at AC-3, 800 V, 415 V 244 A Rated operational current (i) at AC-30, 400 V, 415 V 244 A Rated operational current (i) at AC-23A, 400 V, 415 V 244 A Rated operational current (i) at AC-23A, 400 V, 415 V 244 A Rated operational current (i) at AC-23A, 400 V, 415 V 244 A Rated operational current (i) at AC-23A, 400 V, 415 V 244 A Rated operational current (i) at AC-23A, 400 V, 415 V 244 A Rated operational current (i) at AC-23A, 400 V, 415 V 244 A Rated operational current (i) at AC-23A, 400 V, 415 V 244 A Rated operational current (i) at AC-23A, 400 V, 50 Hz 254 A Rated operational cur	Tightening torque	
Rated breaking capacity at 500 V (cos phi to EC 60947-3) 200 A Rated operational current (ib) at AC-3, 200 V, 200 V 264 A Rated operational current (ib) at AC-3, 200 V, 200 V 264 A Rated operational current (ib) at AC-3, 200 V, 200 V 264 A Rated operational current (ib) at AC-3, 200 V, 200 V 264 A Rated operational current (ib) at AC-3, 500 V 270 C Rated operational current (ib) at AC-23A, 200 V 270 C Rated operational current (ib) at AC-23A, 200 V 270 C Rated operational current (ib) at AC-23A, 500 V 270 C Rated operational current (ib) at AC-23A, 500 V 270 C Rated operational current (ib) at AC-23A, 500 V 270 C Rated operational current (ib) at AC-23A, 500 V 270 C Rated operational current (ib) at AC-23A, 500 V 270 C Rated operational current (ib) at AC-23A, 500 V 270 C Rated operational current (ib) at AC-23A, 500 V 270 C Rated operational current (ib) at AC-23A, 500 V 270 C Rated operational current (ib) at AC-23A, 500 V 270 C Rated operational current (ib) at AC-23A, 500 V 270 C Rated operational current (ib) at AC-23A, 500 V 270 C Rated operational current (ib) at AC-23A, 500 V 270 C Rated operational current (ib) at AC-3, 500 V, 50 Hz 270 C Ra	Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3)	260 A
Rated breaking capacity at 660,690 V (cos phi to IEC 60947-3) 250 A Rated operational current (lie) at AC-3,20 V,20 V,240 V 254 A Rated operational current (lie) at AC-3,280 V,40 V,415 V 254 A Rated operational current (lie) at AC-3,280 V,40 V,415 V 254 A Rated operational current (lie) at AC-3,280 V,40 V,415 V 234 A Rated operational current (lie) at AC-30,480 V 234 A Rated operational current (lie) at AC-23,400 V,415 V 234 A Rated operational current (lie) at AC-23,400 V,415 V 234 A Rated operational current (lie) at AC-23,600 V 30 A Rated operational current (lie) at AC-23,600 V 30 A Rated operational current (lie) at AC-23,600 V 30 A Rated operational current (lie) at AC-23,600 V 30 A Rated operational current (lie) at AC-23,600 V 30 A Rated operational current (lie) at DC-30,120 V 30 A Rated operational current (lie) at DC-230,120 V 30 A Rated operational current (lie) at DC-230,120 V 30 A Rated operational current (lie) at DC-30,120 V 30 A Rated operational current (lie) at DC-230,120 V 31 W Rated operational current (lie) at DC-30,120 V 31 W Rated operational p	Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3)	300 A
Rated operational current (la) at AC-32, 220 V, 280 V, 280 V 26.4 A Rated operational current (la) at AC-33, 380 V, 400 V, 415 V 26.4 A Rated operational current (la) at AC-33, 580 V, 580 V 23.4 A Rated operational current (la) at AC-33, 580 V, 580 V 23.4 A Rated operational current (la) at AC-23A, 400 V, 580 V 23.4 A Rated operational current (la) at AC-23A, 280 V 23.4 A Rated operational current (la) at AC-23A, 400 V, 415 V 23.4 A Rated operational current (la) at AC-23A, 400 V, 415 V 23.4 A Rated operational current (la) at AC-23A, 400 V, 415 V 23.4 A Rated operational current (la) at AC-23A, 400 V, 415 V 23.4 A Rated operational current (la) at AC-23A, 400 V, 415 V 23.4 A Rated operational current (la) at DC-23A, 400 V, 415 V 23.4 A Rated operational current (la) at DC-23A, 400 V, 415 V 25.4 A Rated operational current (la) at DC-23A, 400 V 25.4 A Rated operational current (la) at DC-23A, 400 V, 50 Hz 25.4 A Rated operational power at AC-3, 150 V, 50 Hz 13.1 W Rated operational power at AC-3A, 500 V, 50 Hz 15.1 W Rated operational power at AC-3A, 500 V, 50 Hz 15.1 W Rated operational power at AC-23A, 500 V, 50 H	Rated breaking capacity at 500 V (cos phi to IEC 60947-3)	290 A
Rated operational current (le) at AC-3, 380 V, 400 V, 415 V 26.4 A Rated operational current (le) at AC-3, 500 V 23.4 A Rated operational current (le) at AC-3, 500 V, 560 V 14.7 A Rated operational current (le) at AC-23A, 200 V 22.4 Rated operational current (le) at AC-23A, 200 V 22.4 Rated operational current (le) at AC-23A, 500 V 22.4 Rated operational current (le) at AC-23A, 500 V 22.4 Rated operational current (le) at AC-23A, 500 V 22.4 Rated operational current (le) at AC-23A, 500 V 22.4 Rated operational current (le) at AC-23A, 500 V 22.4 Rated operational current (le) at AC-23A, 500 V 22.4 Rated operational current (le) at CC-23A, 500 V 22.4 Rated operational current (le) at DC-23A, 500 V 22.4 Rated operational current (le) at DC-23A, 40V 25.4 Rated operational current (le) at DC-23A, 40V 25.4 Rated operational power at AC-3, 2002 V, 50 Hz 13.4W Rated operational power at AC-3, 2002 V, 50 Hz 15.4W Rated operational power at AC-23A, 600 V, 50 H	Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)	250 A
Rated operational current (le) at AC-3, 500 V 23.4 A Rated operational current (le) at AC-3, 600 V, 680 V 32.A Rated operational current (le) at AC-23A, 230 V 32.A Rated operational current (le) at AC-23A, 230 V 32.A Rated operational current (le) at AC-23A, 230 V 30.A Rated operational current (le) at AC-23A, 230 V 30.A Rated operational current (le) at AC-23A, 230 V 30.A Rated operational current (le) at AC-23A, 230 V 30.A Rated operational current (le) at AC-23A, 230 V 30.A Rated operational current (le) at AC-32A, 230 V 30.A Rated operational current (le) at DC-13A, 24 V 32.A Rated operational current (le) at DC-3A, 24 V 25.A Rated operational current (le) at DC-3A, 24 V 25.A Rated operational current (le) at DC-3A, 24 V 31.3 kW Rated operational current (le) at DC-3A, 24 V 31.3 kW Rated operational power at AC-3, 380 V, 50 Hz 31.8 kW Rated operational power at AC-3, 380 V, 50 Hz 31.8 kW Rated operational power at AC-3A, 260 V, 50 Hz 31.8 kW Rated operational power at AC-3A, 690 V, 50 Hz 51.6 kW Rated operational voltage (le) at AC - max 690 V	Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V	26.4 A
Rated operational current (le) at AC-3, 660 V, 680 V 14.7 A Rated operational current (le) at AC-21, 440 V 32 A Rated operational current (le) at AC-23A, 230 V 32 A Rated operational current (le) at AC-23A, 400 V, 415 V 32 A Rated operational current (le) at AC-23A, 690 V 30 A Rated operational current (le) at AC-23A, 690 V 30 A Rated operational current (le) at DC-23A, 690 V 32 A Rated operational current (le) at DC-23A, 690 V 32 A Rated operational current (le) at DC-23A, 690 V 32 A Rated operational current (le) at DC-23A, 690 V 32 A Rated operational current (le) at DC-23A, 690 V 32 A Rated operational current (le) at DC-23A, 690 V 32 A Rated operational current (le) at DC-23A, 690 V 32 A Rated operational current (le) at DC-23A, 690 V 32 A Rated operational current (le) at DC-23A, 690 V 32 A Rated operational current (le) at DC-23A, 690 V 32 A Rated operational current (le) at DC-23A, 690 V 32 A Rated operational current (le) at DC-3A, 190 V 32 A Rated operational power at AC-3, 380 V, 50 Hz 13 kW Rated operational power at AC-3, 580 V, 50 Hz 15 kW Rated operational power at AC-33A, 680 V, 50 Hz 15 kW Rated operational power at AC-33A, 680 V, 50	Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	26.4 A
Rated operational current (le) at AC-23A, 200 V 22 A Rated operational current (le) at AC-23A, 200 V 30 A Rated operational current (le) at AC-23A, 500 V 30 A Rated operational current (le) at AC-23A, 500 V 30 A Rated operational current (le) at AC-23A, 500 V 30 A Rated operational current (le) at AC-23A, 500 V 30 A Rated operational current (le) at DC-3A, 500 V 30 A Rated operational current (le) at DC-23A, 20 V 25 A Rated operational current (le) at DC-23A, 80 V 25 A Rated operational current (le) at DC-23A, 20 V 25 A Rated operational current (le) at DC-23A, 120 V 25 A Rated operational current (le) at DC-23A, 120 V 12 A Rated operational power at AC-3, 360 V, 50 Hz 13 kW Rated operational power at AC-3, 360 V, 50 Hz 13 kW Rated operational power at AC-3, 500 V, 50 Hz 15 kW Rated operational power at AC-3, 500 V, 50 Hz 15 kW Rated operational power at AC-23A, 500 V, 50 Hz 15 kW Rated operational power at AC-23A, 500 V, 50 Hz 15 kW Rated operational power at AC-23A, 500 V, 50 Hz 15 kW Rated operational power at AC-23A, 500 V, 50 Hz 15 kW <td>Rated operational current (Ie) at AC-3, 500 V</td> <td>23.4 A</td>	Rated operational current (Ie) at AC-3, 500 V	23.4 A
Rated operational current (le) at AC-23A, 230 V 32 A Rated operational current (le) at AC-23A, 400 V, 415 V 30 A Rated operational current (le) at AC-23A, 500 V 30 A Rated operational current (le) at AC-23A, 690 V 32 A Rated operational current (le) at DC-23A, 24 V 32 A Rated operational current (le) at DC-23A, 24 V 25 A Rated operational current (le) at DC-23A, 24 V 25 A Rated operational current (le) at DC-23A, 48 V 25 A Rated operational current (le) at DC-23A, 20 V 25 A Rated operational current (le) at DC-23A, 500 V, 50 Hz 25 A Rated operational power at AC-3, 380/400 V, 50 Hz 13 kW Rated operational power at AC-3, 500 V, 50 Hz 13 kW Rated operational power at AC-3, 500 V, 50 Hz 15 kW Rated operational power at AC-23A, 500 V, 50 Hz 15 kW Rated operational power at AC-23A, 500 V, 50 Hz 15 kW Rated operational power at AC-23A, 500 V, 50 Hz 15 kW Rated operational power at AC-23A, 500 V, 50 Hz 15 kW Rated operational power at AC-23A, 500 V, 50 Hz 15 kW Rated operational power at AC-23A, 500 V, 50 Hz 650 V Rated operational power at AC-23A, 500 V, 50 Hz <t< td=""><td>Rated operational current (Ie) at AC-3, 660 V, 690 V</td><td>14.7 A</td></t<>	Rated operational current (Ie) at AC-3, 660 V, 690 V	14.7 A
Rated operational current (le) at AC-23A, 400 V, 415 V 24 Rated operational current (le) at AC-23A, 500 V 30 A Rated operational current (le) at AC-23A, 690 V 198 A Rated operational current (le) at DC-1, load-break switches Vr = 1 ms 32 A Rated operational current (le) at DC-23A, 24 V 25 A Rated operational current (le) at DC-23A, 48 V 25 A Rated operational current (le) at DC-23A, 120 V 25 A Rated operational current (le) at DC-23A, 120 V 25 A Rated operational power at AC-3, 380/400 V, 50 Hz 13 kW Rated operational power at AC-3, 380/400 V, 50 Hz 13 kW Rated operational power at AC-30A, 200 V, 50 Hz 15 kW Rated operational power at AC-30A, 200 V, 50 Hz 15 kW Rated operational power at AC-30A, 400 V, 50 Hz 15 kW Rated operational power at AC-30A, 400 V, 50 Hz 15 kW Rated operational power at AC-30A, 400 V, 50 Hz 15 kW Rated operational power at AC-30A, 400 V, 50 Hz 15 kW Rated operational power at AC-30A, 400 V, 50 Hz 15 kW Rated operational power at AC-30A, 400 V, 50 Hz 15 kW Rated operational power at AC-30A, 400 V, 50 Hz 690 V Rated operational power at AC-30A, 4	· · · · · · · · · · · · · · · · · · ·	
Rated operational current (le) at AC-33A, 500 V 30 A Rated operational current (le) at AC-33A, 680 V 188 A Rated operational current (le) at DC-1, load-break switches l/r = 1 ms 32 A Rated operational current (le) at DC-33A, 24 V 25 A Rated operational current (le) at DC-33A, 48 V 25 A Rated operational current (le) at DC-33A, 80 V 25 A Rated operational current (le) at DC-33A, 15 V, 50 Hz 25 A Rated operational power at AC-3, 380/400 V, 50 Hz 13 kW Rated operational power at AC-3, 415 V, 50 Hz 13 kW Rated operational power at AC-3, 200 V, 50 Hz 15 kW Rated operational power at AC-3, 200 V, 50 Hz 15 kW Rated operational power at AC-32A, 200 V, 50 Hz 15 kW Rated operational power at AC-32A, 500 V, 50 Hz 15 kW Rated operational power at AC-32A, 500 V, 50 Hz 15 kW Rated operational power at AC-32A, 500 V, 50 Hz 560 V Rated operational power at AC-30, 600 V, 50 Hz 560 V Rated operational power at AC-30, 600 V, 50 Hz 560 V Rated operational power at AC-30, 600 V, 50 Hz 560 V Rated operational voltage (Ue) at AC - max 560 V Rated operational voltage (Ue) at AC - max		
Rated operational current (le) at AC-23A, 690 V 198 A Rated operational current (le) at DC-1, load-break switches Vr = 1 ms 22 A Rated operational current (le) at DC-23A, 24 V 25 A Rated operational current (le) at DC-23A, 48 V 25 A Rated operational current (le) at DC-23A, 48 V 25 A Rated operational current (le) at DC-23A, 48 V 25 A Rated operational current (le) at DC-23A, 120 V 12 A Rated operational power at AC-3, 380/400 V, 50 Hz 13 kW Rated operational power at AC-3, 500 V, 50 Hz 18 k W Rated operational power at AC-3, 690 V, 50 Hz 18 k W Rated operational power at AC-3, 690 V, 50 Hz 15 kW Rated operational power at AC-23A, 600 V, 50 Hz 15 kW Rated operational power at AC-23A, 600 V, 50 Hz 15 kW Rated operational power at AC-23A, 600 V, 50 Hz 600 V Rated operational power at AC-23A, 600 V, 50 Hz 600 V Rated operational voltage (Ue) at AC - max 600 V Rated operational voltage (Ue) at AC - max 600 V Rated uninterrupted current (lu) 22 A Winterrupted current (lu) 22 A		
Rated operational current (le) at DC-1, load-break switches l/r = 1 ms 32 A Rated operational current (le) at DC-23A, 24 V 25 A Rated operational current (le) at DC-23A, 48 V 25 A Rated operational current (le) at DC-23A, 48 V 25 A Rated operational current (le) at DC-23A, 48 V 25 A Rated operational current (le) at DC-23A, 48 V 25 A Rated operational current (le) at DC-23A, 120 V 26 P Rated operational power at AC-3, 380400 V, 50 Hz 13 kW Rated operational power at AC-3, 415 V, 50 Hz 13 kW Rated operational power at AC-3, 500 V, 50 Hz 15 kW Rated operational power at AC-3, 500 V, 50 Hz 15 kW Rated operational power at AC-23A, 20/230 V, 50 Hz 15 kW Rated operational power at AC-23A, 500 V, 50 Hz 15 kW Rated operational power at AC-23A, 500 V, 50 Hz 15 kW Rated operational power at AC-23A, 500 V, 50 Hz 15 kW Rated operational power at AC-23A, 500 V, 50 Hz 16 kW Rated operational power at AC-23A, 500 V, 50 Hz 15 kW Rated operational power at AC-23A, 690 V, 50 Hz 16 kW Rated operational power at AC-23A, 690 V, 50 Hz 690 V Rated operational voltage (Ue) at AC - max	· · · · · · · · · · · · · · · · · · ·	
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Rated operational current (le) at DC-23A, 48 V 25 A Rated operational current (le) at DC-23A, 60 V 25 A Rated operational current (le) at DC-23A, 120 V 12 A Rated operational power at AC-3, 380/400 V, 50 Hz 13 kW Rated operational power at AC-3, 380/400 V, 50 Hz 13 kW Rated operational power at AC-3, 500 V, 50 Hz 18 kW Rated operational power at AC-3, 200/200 V, 50 Hz 18 kW Rated operational power at AC-3, 200/200 V, 50 Hz 15 kW Rated operational power at AC-3, 200/200 V, 50 Hz 15 kW Rated operational power at AC-33, 200/200 V, 50 Hz 15 kW Rated operational power at AC-23A, 200/200 V, 50 Hz 15 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, 500 V, 50 Hz 15 kW Rated operational power at AC-23A, 680 V, 50 Hz 15 kW Rated operational power at AC-23A, 680 V, 50 Hz 560 V Rated operational voltage (Ue) at AC - min 690 V Rated operational voltage (Ue) at AC - max 520 K Rated operational voltage (Ue) at AC - max 520 K Rated operational voltage (Ue) at AC - max 520 K	· · · · · · · · · · · · · · · · · · ·	
Rated operational current (le) at DC-23A, 60 V 25 A Rated operational current (le) at DC-23A, 120 V 12 A Rated operational current (le) at DC-23A, 120 V 12 A Rated operational power at AC-3, 800/400 V, 50 Hz 13 kW Rated operational power at AC-3, 800/400 V, 50 Hz 13 kW Rated operational power at AC-3, 500 V, 50 Hz 18.5 kW Rated operational power at AC-3, 500 V, 50 Hz 15 kW Rated operational power at AC-30, 200/200 V, 50 Hz 15 kW Rated operational power at AC-30, 200/200 V, 50 Hz 15 kW Rated operational power at AC-30, 500 V, 50 Hz 15 kW Rated operational power at AC-30, 500 V, 50 Hz 15 kW Rated operational power at AC-30, 500 V, 50 Hz 15 kW Rated operational power at AC-30, 500 V, 50 Hz 15 kW Rated operational power at AC-30, 690 V, 50 Hz 15 kW Rated operational power at AC-30, 690 V, 50 Hz 15 kW Rated operational power at AC-30, 690 V, 50 Hz 15 kW Rated operational voltage (Ue) at AC - min 690 V Rated operational voltage (Ue) at AC - min 690 V Rated uninterrupted current (lu) 32 A Uninterrupted current (lu) 22 A Winter	· · · · · · · · · · · · · · · · · · ·	
Rated operational current (le) at DC-23A, 120 V Image: Constraint of the c	· · · · · · · · · · · · · · · · · · ·	
Rated operational power at AC-3, 380/400 V, 50 Hz 13 kW Rated operational power at AC-3, 415 V, 50 Hz 13 kW Rated operational power at AC-3, 500 V, 50 Hz 18.5 kW Rated operational power at AC-3, 690 V, 50 Hz 18.5 kW Rated operational power at AC-3, 202/300 V, 50 Hz 7.5 kW Rated operational power at AC-23A, 202/300 V, 50 Hz 15 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, 500 V, 50 Hz 15 kW Rated operational power at AC-23A, 500 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 16 kW Rated operational power at AC-23A, 690 V, 50 Hz 16 kW Rated operational voltage (Ue) at AC - min 690 V Rated operational voltage (Ue) at AC - max 690 V Rated uninterrupted current (Iu) 22 A Interrupted current (Iu) 22 A	· · · · · · · · · · · · · · · · · · ·	
Rated operational power at AC-3, 415 V, 50 Hz 13 kW Rated operational power at AC-3, 500 V, 50 Hz 18.5 kW Rated operational power at AC-3, 690 V, 50 Hz 15 kW Rated operational power at AC-23A, 220/230 V, 50 Hz 7.5 kW Rated operational power at AC-23A, 200 V, 50 Hz 15 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, 500 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 18.5 kW Rated operational power at AC-23A, 690 V, 50 Hz 15 kW Rated operational voltage (Ue) at AC - min 600 V Rated operational voltage (Ue) at AC - max 690 V Rated uninterrupted current (lu) 32 A Uninterrupted current (lu) 32 A	· · · · · · · · · · · · · · · · · · ·	
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Rated operational power at AC-3, 690 V, 50 Hz 15 kW 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 16 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 voltage (Ue) at AC- min 600 V Rated operational voltage (Ue) at AC - max 600 V Rated uninterrupted current (lu) 22 A Uninterrupted current 816 B		
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 18.5 kW Rated operational power at AC-23A, 690 V, 50 Hz 15 kW Rated operational power at AC-23A, 690 V, 50 Hz 600 V Rated operational voltage (Ue) at AC - min 690 V Rated operational voltage (Ue) at AC - max 690 V Rated operational voltage (Ue) at AC - max 690 V Rated operational voltage (Ue) at AC - max 690 V Rated operational voltage (Ue) at AC - max 690 V Rated operational voltage (Ue) at AC - max 690 V Rated operational voltage (Ue) at AC - max 690 V Rated operational voltage (Ue) at AC - max 690 V Rated operational voltage (Ue) at AC - max 690 V Rated uninterrupted current (lu) 22 A Uninterrupted current lu is specified for max. cross-section. 600 V		
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Rated operational power at AC-23A, 500 V, 50 Hz 18.5 kW Rated operational power at AC-23A, 690 V, 50 Hz 18.5 kW Rated operational power at AC-23A, 690 V, 50 Hz 5kW Rated operational voltage (Ue) at AC - min 690 V Rated operational voltage (Ue) at AC - max 690 V Rated uninterrupted current (lu) 22 A Uninterrupted current 816 all		
Rated operational power at AC-23A, 690 V, 50 Hz 15 kW Rated operational voltage (Ue) at AC - min 690 V Rated operational voltage (Ue) at AC - max 690 V Rated operational voltage (Ue) at AC - max 690 V Interrupted current (lu) 22 A Uninterrupted current 816 a Interrupted current 816 a	Rated operational power at AC-23A, 400 V, 50 Hz	15 kW
Rated operational voltage (Ue) at AC - min 600 V Rated operational voltage (Ue) at AC - max 600 V Rated uninterrupted current (Iu) 32 A Uninterrupted current 600 I		
Rated operational voltage (Ue) at AC - max 690 V Rated uninterrupted current (Iu) 32 A Uninterrupted current Rated uninterrupted current lu is specified for max. cross-section.		
Rated uninterrupted current (lu) 32 A Uninterrupted current 44 Image: Construct of the second secon		
Uninterrupted current Rated uninterrupted current lu is specified for max. cross-section.		
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Rated conditional short-circuit current (Iq) 80 kA	Uninterrupted current	· · ·
Rated short-time withstand current (Icw) 0.64 kA 640 A, Contacts, 1 second	Kated short-time withstand current (Icw)	
Short-circuit protection rating 50 A gG/gL, Fuse, Contacts	Short-circuit protection rating	50 A gG/gL, Fuse, Contacts
Load rating1.6 x I# (with intermittent operation class 12, 40 % duty factor)1.3 x I# (with intermittent operation class 12, 60 % duty factor)2 x I# (with intermittent operation class 12, 25 % duty factor)	Load rating	1.3 x I# (with intermittent operation class 12, 60 % duty factor)
Number of contacts in series at DC-23A, 24 V	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, 48 V	2
Number of contacts in series at DC-23A, 60 V 2	Number of contacts in series at DC-23A, 60 V	2
Number of contacts in series at DC-23A, 120 V 3	Number of contacts in series at DC-23A, 120 V	3
Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3) 320 A	Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)	320 A
Voltage per contact pair in series 60 V	Voltage per contact pair in series	60 V
Control circuit reliability Control circuit reliability determined, at 24 V DC, 10 mA)	Control circuit reliability	
Number of auxiliary contacts (change-over contacts)	Number of auxiliary contacts (change-over contacts)	0
Number of auxiliary contacts (normally closed contacts) 0	Number of auxiliary contacts (normally closed contacts)	0
Number of auxiliary contacts (normally open contacts) 0	Number of auxiliary contacts (normally open contacts)	0

Actuator color	Red
Actuator function	Maintained
Actuator type	Short thumb-grip
Equipment heat dissipation, current-dependent Pvid	1.8 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	1.8 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 8.0

Low-voltage industrial components (EG000017) / Switch disconnector (EC000216)

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

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	690
Rated operating voltage	V	690 - 690
Rated permanent current lu	А	32
Rated permanent current at AC-23, 400 V	А	32
Rated permanent current at AC-21, 400 V	А	32
Rated operation power at AC-3, 400 V	kW	13
Rated short-time withstand current lcw	kA	0.64
Rated operation power at AC-23, 400 V	kW	15
Switching power at 400 V	kW	15
Conditioned rated short-circuit current Iq	kA	80
Number of poles		3

Number of auxiliary contacts as normally closed contact	0
Number of auxiliary contacts as normally open contact	0
Number of auxiliary contacts as change-over contact	0
Motor drive optional	No
Motor drive integrated	No
Voltage release optional	No
Device construction	Complete device in housing
Suitable for floor mounting	Yes
Suitable for front mounting 4-hole	No
Suitable for front mounting centre	No
Suitable for distribution board installation	No
Suitable for intermediate mounting	No
Colour control element	Red
Type of control element	Short thumb-grip
Interlockable	No
Type of electrical connection of main circuit	Screw connection
Degree of protection (IP), front side	IP65
Degree of protection (NEMA)	12