DATASHEET - P1-25/IVS-RT

On-Off switch, P1, 25 A, service distribution board mounting, 3 pole, Emergency switching off function, with red thumb grip and yellow front plate



Part no.

P1-25/IVS-RT 013140

General specifications	
Product name	Eaton Moeller® series P1 On-Off switch
Part no.	P1-25/IVS-RT
EAN	4015080131403
Product Length/Depth	91 millimetre
Product height	70 millimetre
Product width	54 millimetre
Product weight	0.153 kilogram
Certifications	VDE 0660 UL Category Control No.: NLRV IEC/EN 60204 CE UL IEC/EN 60947 CSA-C22.2 No. 60947-4-1-14 CSA-C22.2 No. 94 UL 60947-4-1 CSA CSA File No.: 012528 CSA Class No.: 3211-05 UL File No.: E36332 IEC/EN 60947-3
Product Tradename	P1
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	
Features	Version as emergency stop installation
Fitted with:	Red thumb grip and yellow front plate
Functions	Emergency switching off function
Number of poles	Three-pole
General information	
Accessories	Auxiliary contact or neutral conductor fitted by user.
Degree of protection	NEMA Other
Degree of protection (front side)	IP30
Lifespan, mechanical	300,000 Operations
Mounting method	Service distribution board mounting
Mounting position	As required
Operating frequency	1200 Operations/h
Overvoltage category	
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	Distribution board installation Branch circuits, suitable as motor disconnect, (UL/CSA)
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 capacitiesImage of the second s		Damp heat, constant, to IEC 60068-2-78
Immunicipation Image: Project and projects or standard spectra in the intervent in the accord in the accord in the intervent in the accord in the accor	Terminal capacities	
Typersyname Heres status Bieler ander generation (CARA) IA A Bieler ander ande	· · ·	2 x (1 - 4) mm², flexible with ferrules to DIN 46228 14 - 8 AWG, solid or flexible with ferrule 1 x (1.5 - 6) mm², solid or stranded
	Screw size	M4, Terminal screw
Bit I can any cases of a 122229 (beep in the ES 8007-3) Impain a set of	Tightening torque	
Head bracking spacely at 2002 (iso also 162 0897-3)ISA 4Base of participation (accent 162 0897-3)ISA 4Base of participation (accent 162 0897-3)ISA 4Base operational current 169 at 6-3, 2002 (2002 V2017 V	Electrical rating	
And brashing capacity at 5800 V(cos ph to EC 6987-31 199 Bated parabolis current (b) at ACS 200 V/A00 V 190 A Bated specialized current (b) at ACS 200 V/A00 V 152 A Bated specialized current (b) at ACS 200 V/A00 V 200 P Bated specialized current (b) at ACS 200 V/A00 V 200 P Bated specialized current (b) at ACS 200 V/A00 V 200 P Bated specialized current (b) at ACS 200 V/A00 V 200 P Bated specialized current (b) at ACS 200 V/A00 V/A000 V/A00 V/A00 V/A00 V/A00 V/A00 V/A00 V/A00 V/A00 V/A00 V	Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3)	190 A
Rate derivation current (i et A 5.2 gav 2, 20, 20, 20, 20, 20, 20, 20, 20, 20,	Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3)	150 A
Bate departional current (ib) # 4.6-9, 200 V, 400 V, 40	Rated breaking capacity at 500 V (cos phi to IEC 60947-3)	170 A
And operational current (le) at AC-3, 380 V, 480 V, 415 V Image: Specification current (le) at AC-3, 500 V, 480 V Bate dependentional current (le) at AC-3, 500 V, 480 V SA Bate dependentional current (le) at AC-33, 500 V, 480 V SA Bate dependentional current (le) at AC-33, 500 V, 480 V SA Bate dependentional current (le) at AC-233, 500 V, 480 V SA Bate dependentional current (le) at AC-33, 500 V, 480 V SA Bate dependentional current (le) at AC-335, 500 V SA Bate dependentional current (le) at AC-335, 500 V SA Bate dependentional current (le) at AC-335, 500 V SA Bate dependentional current (le) at DC-34, 800 V SA Bate dependentional current (le) at DC-34, 800 V SA Bate dependentional current (le) at DC-34, 800 V SA Bate dependentional current (le) at DC-34, 800 V SA Bate dependentional current (le) at DC-34, 800 V SA Bate dependentional current (le) at DC-34, 800 V SA Bate dependentional current (le) at DC-34, 800 V SA Bate dependentional current (le) at DC-34, 800 V SA Bate dependentional current (le) at DC-34, 800 V SA Bate dependentional current (le) at DC-34, 800 V SA Bate dependentional current (le) at DC-34, 800 V SA Bate dependent current (le) at DC-34, 800 V SA </td <td>Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)</td> <td>150 A</td>	Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)	150 A
Rest operational current (lo) # 4.6.3, 500 Y 650 Y 821 Rest operational current (lo) # 4.6.3, 600 Y 650 Y 824 Rest operational current (lo) # 4.6.20, 400 Y, 650 Y 25 Rest operational current (lo) # 4.6.20, 400 Y, 650 Y 74, 40 Rest operational current (lo) # 4.6.20, 400 Y, 650 Y 74, 40 Rest operational current (lo) # 4.6.20, 400 Y, 650 Y 74, 40 Rest operational current (lo) # 4.6.20, 400 Y, 650 Y 74, 40 Rest operational current (lo) # 1.6.20, 400 Y 74, 40 Rest operational current (lo) # 1.6.20, 400 Y 74, 40 Rest operational current (lo) # 1.6.20, 400 Y 74, 40 Rest operational current (lo) # 1.6.20, 400 Y 74, 40 Rest operational current (lo) # 1.6.20, 400 Y 74, 40 Rest operational current (lo) # 1.6.20, 400 Y 74, 40 Rest operational current (lo) # 1.6.20, 400 Y 75, W Rest operational current (lo) # 1.6.20, 400 Y 75, W Rest operational cover # 1.4.0, 800 Y 75, W Rest operational cover # 1.4.0, 800 Y 75, W Rest operational cover # 1.4.0, 800 Y 75, W Rest operational cover # 1.4.0, 800 Y 75, W Rest operational cover # 1.4.0, 800 Y 75, W Rest operational cover # 1.4.0, 800 Y 76, W Rest operational cover # 1.4.0, 800 Y 76, W	Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V	19.6 A
Rated operational current like in AC-23, 400 V 88.8 A Bated operational current like in AC-23A, 200 V. 25.4 Bated operational current like in AC-23A, 200 V. 26.4 Bated operational current like in AC-23A, 200 V. 27.4 Bated operational current like in AC-23A, 200 V. 27.4 Bated operational current like in AC-23A, 200 V. 27.4 Bated operational current like in AC-23A, 200 V. 27.4 Bated operational current like in AC-23A, 200 V. 27.4 Bated operational current like in AC-23A, 200 V. 27.4 Bated operational current like in AC-23A, 200 V. 27.4 Bated operational current like in AC-23A, 200 V. 27.5 Bated operational current like in AC-23A, 200 V. 27.5 Bated operational current like in AC-23A, 200 V. 27.5 Bated operational power at AC-23A, 200 V. 27.5 Ba	Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	15.2 A
Rate operational current (ii) at AC 231, 40V V 25 A Rate operational current (ii) at AC 233, 20V V 25 A Rate operational current (ii) at AC 233, 40V V, 415V 25 A Rate operational current (ii) at AC 234, 40V V, 415V 25 A Rate operational current (ii) at AC 234, 40V V, 415V 25 A Rate operational current (ii) at C23, 46V V 25 A Rate operational current (ii) at C23A, 42V 25 A Rate operational current (iii) at C23A, 42V 25 A Rate operational current (iii) at C23A, 42V 25 A Rate operational current (iii) at C23A, 42V 25 A Rate operational current (iii) at C23A, 42V 25 A Rate operational current (iii) at C23A, 42V 25 A Rate operational power at AC 3, 300 V, 30 Hz 25 A Rate operational power at AC 3, 300 V, 30 Hz 25 A Rate operational power at AC 23A, 400 V, 50 Hz 11 KW Rate operational power at AC 23A, 400 V, 50 Hz 13 KW Rate operational power at AC 23A, 400 V, 50 Hz 11 KW Rate operational power at AC 23A, 400 V, 50 Hz 16 KW Rate operational power at AC 23A, 400 V, 50 Hz 10 KW Rate operational power at AC 23A, 400 V, 50 Hz 10 KW Rate operational power at AC 23A, 400 V, 50 Hz 10 KW Rate operational power at AC 23A, 400 V, 50 Hz 10 KW <td>Rated operational current (Ie) at AC-3, 500 V</td> <td>12.1 A</td>	Rated operational current (Ie) at AC-3, 500 V	12.1 A
Rate operational current (ile in AC-22A, 200 V) SA Rate operational current (ile in AC-22A, 400 V, 415 V) SA Rate operational current (ile in AC-22A, 400 V, 415 V) SA Rate operational current (ile in AC-22A, 400 V, 415 V) SA Rate operational current (ile in AC-22A, 400 V, 415 V) SA Rate operational current (ile in CA-22A, 400 V, 415 V) SA Rate operational current (ile in CA-22A, 400 V, 415 V) SA Rate operational current (ile in CA-22A, 400 V, 416 V) SA Rate operational current (ile in CA-22A, 400 V, 416 V) SA Rate operational current (ile in CA-22A, 400 V, 416 V) SA Rate operational power at AC-23, 500 V, 50 H2 SA Rate operational power at AC-23, 500 V, 50 H2 SA Rate operational power at AC-23, 500 V, 50 H2 SA Rate operational power at AC-23, 500 V, 50 H2 SA Rate operational power at AC-23, 500 V, 50 H2 SA Rate operational power at AC-23, 500 V, 50 H2 Rate operational power at AC-23, 500 V, 50 H2 Rate operational power at AC-23, 500 V, 50 H2 Rate operational power at AC-23, 500 V, 50 H2 Rate operational power at AC-23, 500 V, 50 H2 SA Rate operational p	Rated operational current (Ie) at AC-3, 660 V, 690 V	8.8 A
Rated operational current (10) at AC 23A, 400 V, 415 V Parted operational current (10) at AC 23A, 500 V Rated operational current (10) at AC 23A, 500 V 12.6 A Rated operational current (10) at DC 23A, 24 V 25.A Rated operational current (10) at DC 23A, 24 V 25.A Rated operational current (10) at DC 23A, 24 V 25.A Rated operational current (10) at DC 23A, 24 V 25.A Rated operational current (10) at DC 23A, 26 V 25.A Rated operational current (10) at DC 23A, 26 V 25.A Rated operational current (10) at DC 23A, 26 V 25.A Rated operational power at AC 23, 260 V 50 Hz 7.5 W Rated operational power at AC 23A, 260 V 50 Hz 7.5 W Rated operational power at AC 23A, 260 V 50 Hz 7.5 W Rated operational power at AC 23A, 260 V 50 Hz 11.W Rated operational power at AC 23A, 260 V 50 Hz 11.W Rated operational power at AC 23A, 260 V 50 Hz 11.W Rated operational power at AC 23A, 260 V 50 Hz 11.W Rated operational power at AC 23A, 260 V 50 Hz 11.W Rated operational power at AC 23A, 260 V 50 Hz 11.W Rated operational power at AC 23A, 260 V 50 Hz 10.A	Rated operational current (Ie) at AC-21, 440 V	25 A
Rated operational current lieb at AC:23A, 580 V Image operational current lieb at AC:23A, 580 V Rated operational current lieb at AC:23A, 580 V Image operational current lieb at AC:23A, 580 V Rated operational current lieb at DC:23A, 49 V Image operational current lieb at DC:23A, 49 V Rated operational current lieb at DC:23A, 49 V Image operational current lieb at DC:23A, 49 V Rated operational current lieb at DC:23A, 49 V Image operational current lieb at DC:23A, 49 V Rated operational current lieb at DC:23A, 49 V Image operational current lieb at DC:23A, 49 V Rated operational power at AC:33 SMAUX 59 H: Image operational power at AC:33 SMAUX 59 H: Rated operational power at AC:23A, 20203 V, 50 H: Image operational power at AC:23A, 20203 V, 50 H: Rated operational power at AC:23A, 500 V, 50 H: Image operational power at AC:23A, 500 V, 50 H: Rated operational power at AC:23A, 500 V, 50 H: Image operational power at AC:23A, 500 V, 50 H: Rated operational power at AC:23A, 500 V, 50 H: Image operational power at AC:23A, 500 V, 50 H: Rated operational power at AC:23A, 500 V, 50 H: Image operational power at AC:23A, 500 V, 50 H: Rated operational power at AC:23A, 500 V, 50 H: Image operational power at AC:23A, 500 V, 50 H: Rated operational power at AC:23A, 500 V, 50 H: Image operational power at AC:23A, 500 V, 50 H: Rated operational power at AC:23A, 500 V, 50 H: Image operational power at AC:23A, 500 V, 50 H:	Rated operational current (Ie) at AC-23A, 230 V	25 A
Rated operational current (le) at DC-12, load-brack switches (r = 1 ms I2.6 A Rated operational current (le) at DC-22A, 24 V I2.6 A Rated operational current (le) at DC-23A, 60 V I2.6 A Rated operational current (le) at DC-23A, 60 V I2.6 A Rated operational current (le) at DC-23A, 60 V I2.6 A Rated operational current (le) at DC-23A, 60 V I2.6 A Rated operational current (le) at DC-23A, 60 V I2.6 A Rated operational current (le) at DC-23A, 60 V I2.6 A Rated operational power at AC 3, 800 V, 50 Hz I2.6 N Rated operational power at AC 3, 500 V, 50 Hz I2.6 N Rated operational power at AC 3, 800 V, 50 Hz I3.0 W Rated operational power at AC 23A, 500 V, 50 Hz I3.0 W Rated operational power at AC 23A, 500 V, 50 Hz I3.0 W Rated operational power at AC 23A, 500 V, 50 Hz I3.0 W Rated operational power at AC 23A, 500 V, 50 Hz I3.0 W Rated operational power at AC 23A, 500 V, 50 Hz I3.0 W Rated operational power at AC 23A, 500 V, 50 Hz I3.0 W Rated operational power at AC 23A, 500 V, 50 Hz I3.0 W Rated operational power at AC 23A, 500 V, 50 Hz I3.0 W Rated operational power at AC 23A, 500 V, 50 Hz I3.0 W Rated operational power at AC 23A, 500 V, 50 Hz I3.0 W Rat	Rated operational current (Ie) at AC-23A, 400 V, 415 V	25 A
Rated operational current (le) at DC-1, load-break switches (r = 1 ms) ZSA Rated operational current (le) at DC-23A, 48V ZSA Rated operational current (le) at DC-23A, 48V ZSA Rated operational current (le) at DC-23A, 48V ZSA Rated operational current (le) at DC-23A, 28V ZSA Rated operational current (le) at DC-23A, 28V ZSA Rated operational current (le) at DC-23A, 28V ZSA Rated operational power at AC-3, 380V, 59 Hz ZSA Rated operational power at AC-3, 380V, 59 Hz ZSA Rated operational power at AC-23A, 2020, 200 V59 Hz ZSA Rated operational power at AC-23A, 200 V59 Hz ZSA Rated operational power at AC-23A, 200 V59 Hz ZSA Rated operational power at AC-23A, 200 V59 Hz ZSA Rated operational power at AC-23A, 200 V59 Hz ZSA Rated operational power at AC-23A, 200 V59 Hz ZSA Rated operational power at AC-23A, 200 V59 Hz ZSA Rated operational power at AC-23A, 200 V59 Hz ZSA Rated operational power at AC-23A, 200 V59 Hz ZSA Rated operational power at AC-3A SON V59 Hz ZSA Rated operational power at AC-3A SON V59 Hz ZSA Rated operational voltage (Us) at AC - max ZSA Rated operational voltage (Us) at AC - max ZSA Rated op	Rated operational current (Ie) at AC-23A, 500 V	17.4 A
Rated operational current (10) at DC-23A, 43 V 25 A Rated operational current (10) at DC-23A, 43 V 25 A Rated operational current (10) at DC-23A, 40 V 25 A Rated operational current (10) at DC-23A, 40 V 27 A Rated operational power at AC 3, 380 V, 50 Hz 75 NW Rated operational power at AC 3, 580 V, 50 Hz 75 NW Rated operational power at AC 3, 580 V, 50 Hz 75 NW Rated operational power at AC 23A, 400 V, 50 Hz 75 NW Rated operational power at AC 23A, 900 V, 50 Hz 10 NW Rated operational power at AC 23A, 900 V, 50 Hz 10 NW Rated operational power at AC 23A, 900 V, 50 Hz 11 NW Rated operational power at AC 23A, 900 V, 50 Hz 11 NW Rated operational power at AC 23A, 900 V, 50 Hz 11 NW Rated operational power at AC 23A, 900 V, 50 Hz 11 NW Rated operational power at AC 23A, 900 V, 50 Hz 11 NW Rated operational power at AC 23A, 900 V, 50 Hz 11 NW Rated operational power at AC 23A, 900 V, 50 Hz 11 NW Rated operational power at AC 23A, 900 V, 50 Hz 10 NW Rated operational power at AC 23A, 900 V, 50 Hz 50 NK Rated operational power at AC 23A, 900 V, 50 Hz 50 NK Rated operational power at AC 23A, 900 V, 50 Hz 50 NK Rated operational power at AC 23A, 900 V, 50 Hz<	Rated operational current (Ie) at AC-23A, 690 V	12.6 A
Rated operational current (b) at DC-23A, 48 V 25 A Rated operational current (b) at DC-23A, 50 V 25 A Rated operational current (b) at DC-23A, 10 V 25 A Rated operational current (b) at DC-23A, 10 V 25 A Rated operational power at AC3, 380 V, 50 Hz 12 A Rated operational power at AC3, 500 V, 50 Hz 55 W Rated operational power at AC3, 500 V, 50 Hz 55 W Rated operational power at AC3, 500 V, 50 Hz 55 W Rated operational power at AC3, 500 V, 50 Hz 11 W Rated operational power at AC3, 500 V, 50 Hz 11 W Rated operational power at AC3, 500 V, 50 Hz 11 W Rated operational power at AC3, 500 V, 50 Hz 11 W Rated operational power at AC3, 500 V, 50 Hz 11 W Rated operational power at AC3, 500 V, 50 Hz 11 W Rated operational power at AC3, 500 V, 50 Hz 50 W Rated operational power at AC3, 500 V, 50 Hz 11 W Rated operational power at AC3, 500 V, 50 Hz 50 W Rated operational power at AC3, 500 V, 50 Hz 50 W Rated operational power at AC3, 500 V, 50 Hz 50 W Rated operational power at AC3, 500 V, 50 Hz 50 W Rated operational power at AC3, 500 V, 50 Hz 50 W Rated operational power at AC3, 500 V, 50 Hz 50 W Rated operational shore	Rated operational current (Ie) at DC-1, load-break switches $I/r = 1 ms$	25 A
Rated operational current (ie) at DC-23A, 60 V Image: Specific operational current (ie) at DC-23A, 120 V Rated operational power at AC-3, 380,400, 50 Hz 7.5 kW Rated operational power at AC-3, 380,400, 50 Hz 7.5 kW Rated operational power at AC-3, 380,400, 50 Hz 7.5 kW Rated operational power at AC-3, 380,400,50 Hz 7.5 kW Rated operational power at AC-3, 500, 50 Hz 7.5 kW Rated operational power at AC-23A, 200/230, 50 Hz 7.5 kW Rated operational power at AC-23A, 500 V, 50 Hz 7.5 kW Rated operational power at AC-23A, 500 V, 50 Hz 7.5 kW Rated operational power at AC-23A, 500 V, 50 Hz 7.5 kW Rated operational power at AC-23A, 600 V, 50 Hz 7.5 kW Rated operational power at AC-23A, 600 V, 50 Hz 7.5 kW Rated operational power at AC-23A, 600 V, 50 Hz 7.5 kW Rated operational power at AC-23A, 600 V, 50 Hz 7.5 kW Rated operational power at AC-23A, 600 V, 50 Hz 600 V Rated current (lw) 55 A Bated current (lw) 56 A Short-circuit current (lw) 64 kA Rated anditional short-circuit current (lw) 64 kA Short-circuit current taing (lws frauth) 7.5 kW COR(LUCSA) Short-circuit current taing (lws frauth) 7.5 kSCCR (LUCSA) Short-circuit current taing (lws frauth)	Rated operational current (Ie) at DC-23A, 24 V	25 A
Rated operational current (le) at DC-23A, 120 VImage: solution of the	Rated operational current (Ie) at DC-23A, 48 V	25 A
Rated operational power at AC-3, 380/400 V, 50 Hz 75 W Rated operational power at AC-3, 500 V, 50 Hz 75 W Rated operational power at AC-3, 500 V, 50 Hz 75 W Rated operational power at AC-3, 500 V, 50 Hz 75 W Rated operational power at AC-3, 500 V, 50 Hz 55 W Rated operational power at AC-30, 400 V, 50 Hz 51 W Rated operational power at AC-30, 500 V, 50 Hz 11 W Rated operational power at AC-30, 500 V, 50 Hz 11 W Rated operational power at AC-30, 500 V, 50 Hz 680 V Rated operational power at AC-30, 500 V, 50 Hz 11 W Rated operational power at AC-30, 500 V, 50 Hz 680 V Rated operational power at AC-30, 500 V, 50 Hz 11 W Rated operational power at AC-30, 500 V, 50 Hz 680 V Rated operational power at AC-30, 500 V, 50 Hz 580 V Rated operational power at AC-30, 500 V, 50 Hz 580 V Rated operational power at AC-30, 500 V, 50 Hz 580 V Rated operational power at AC-30, 500 V, 50 Hz 580 V Rated operational power at AC-30, 500 V 50 KA Rated operational power at AC-30, 500 V 580 K Rated operation substricticuit current (luy) 584 Ka S	Rated operational current (Ie) at DC-23A, 60 V	25 A
Rated operational power 4 AC-3, 415 V, 50 HzImage: Figure 1 and the special one of	Rated operational current (Ie) at DC-23A, 120 V	12 A
Rated operational power at AC-3, 500 V, 50 Hz 75 kW Rated operational power at AC-3, 500 V, 50 Hz 75 kW Rated operational power at AC-23A, 200 V, 50 Hz 75 kW Rated operational power at AC-23A, 400 V, 50 Hz 75 kW Rated operational power at AC-23A, 500 V, 50 Hz 75 kW Rated operational power at AC-23A, 500 V, 50 Hz 75 kW Rated operational power at AC-23A, 600 V, 50 Hz 75 kW Rated operational power at AC-23A, 600 V, 50 Hz 75 kW Rated operational power at AC-23A, 600 V, 50 Hz 75 kW Rated operational power at AC-23A, 600 V, 50 Hz 75 kW Rated operational power at AC-23A, 600 V, 50 Hz 75 kW Rated uninterrupted current (lu) 75 kW Uninterrupted current (lu) 75 kW Rated uninterrupted current (lu) 75 kW Short-circuit current rating (basic rating) 75 kW Short-circuit current rating (basic rating) 75 kW Short-circuit current rating (big fault) 75 kW Short-circuit current rating (big fault) <td>Rated operational power at AC-3, 380/400 V, 50 Hz</td> <td>7.5 kW</td>	Rated operational power at AC-3, 380/400 V, 50 Hz	7.5 kW
Rated operational power at AC-3,880 V,50 Hz 7.5 KW Rated operational power at AC-23A, 220/230 V,50 Hz 5.5 KW Rated operational power at AC-23A, 500 V,50 Hz 13 KW Rated operational power at AC-23A, 680 V,50 Hz 11 KW Rated operational power at AC-23A, 680 V,50 Hz 690 V Rated operational power at AC-23A, 680 V,50 Hz 690 V Rated operational power at AC-23A, 680 V,50 Hz 690 V Rated operational power at AC-23A, 680 V,50 Hz 690 V Rated operational power at AC-23A, 680 V,50 Hz 690 V Rated operational power at AC-23A, 680 V,50 Hz 690 V Rated operational power at AC-23A, 680 V,50 Hz 690 V Rated operational power at AC-23A, 680 V,50 Hz 690 V Rated operational power at AC-23A, 680 V,50 Hz 690 V Rated corrent (lu) 55 KW Short-circuit current (lu) 50 KA Rated short-tine withstand current (low) 50 kA Short-circuit current rating (high fault) 100, max. Fuse, SCCR (UU/CSA) Short-circuit protection rating 50 A, Class J, max. Fuse, SCCR (UU/CSA) Short-circuit protection rating 50 A, Class J, max. Fuse, SCCR (UU/CSA) Short-circuit protection rating (high fault) 50 A, Class J, max. Fuse, SCCR (UU/CSA) Load rating 16 x H/ (with intermittent operation class 12, 40 % duy factor)	Rated operational power at AC-3, 415 V, 50 Hz	7.5 kW
Rated operational power at AC-23A, 220/230 V, 50 Hz Image: Constant of the const	Rated operational power at AC-3, 500 V, 50 Hz	7.5 kW
Rated operational power at AC-23A, 400 V, 50 Hz Is kW Rated operational power at AC-23A, 500 V, 50 Hz Is kW Rated operational power at AC-23A, 500 V, 50 Hz Is kW Rated operational power at AC-23A, 690 V, 50 Hz Is kW Rated operational power at AC-23A, 690 V, 50 Hz Is kW Rated operational voltage (Ue) at AC - max Is kW Rated uninterrupted current (lu) Is kW Uninterrupted current (lu) So KA Rated conditional short-circuit current (loy) So kA Rated short-time withstand current (low) So kA Short-circuit current rating (basic rating) So kA Short-circuit current rating (basic rating) So kA Short-circuit current rating (high fault) So k	Rated operational power at AC-3, 690 V, 50 Hz	7.5 kW
Rated operational power at AC-23A, 500 V, 50 Hz IM Rated operational power at AC-23A, 690 V, 50 Hz IM Rated operational power at AC-23A, 690 V, 50 Hz 660 V Rated uninterrupted current (lu) 55 A Uninterrupted current (lu) 55 A Rated uninterrupted current (lu) 50 kA Rated conditional short-circuit current (luw) 50 kA Rated short-time withistand current (luw) 50 kA Short-circuit current rating (basic rating) 50 kA Short-circuit current rating (basic rating) 10A, max. Fues, SCCR (UL/CSA) Short-circuit protection rating 50 kA Short-circuit protection rating 10A, max. Fues, SCCR (UL/CSA) Short-circuit protection rating 10A, max. Fues, SCCR (UL/CSA) Short-circuit protection rating 10 kA, SCCR (UL/CSA) Number of contacts in series at DC-23A, 24 V 11.4 k le/ with intermittent operation class 12, 40 % duty factor) Number of contacts in series at DC-23A, 48 V 1 Number of contacts in series at DC-23A, 48 V 1 Number of contacts in series at DC-23A, 48 V 1 Number of contacts in series at DC-23A, 48 V 2 Number of contacts in series at DC-23A, 60 V 3	Rated operational power at AC-23A, 220/230 V, 50 Hz	5.5 kW
Rated operational power at AC-23A, 680 V, 50 Hz 11 W Rated operational voltage (Ue) at AC - max 690 V Rated uninterrupted current (Uu) 5A Uninterrupted current 8ated uninterrupted current lu is specified for max. cross-section. Short-circuit rating 50 kA Rated short-time withstand current (Icw) 50 kA Short-circuit current rating (basic rating) 50 kA Short-circuit current rating (high fault) 64 kA Short-circuit current rating (high fault) 50 A, Calas J, max. Fuse, SCCR (UL/CSA) Short-circuit current rating (high fault) 50 A, Calas J, max. Fuse, SCCR (UL/CSA) Short-circuit current rating (high fault) 50 A, Class J, max. Fuse, SCCR (UL/CSA) Short-circuit protection rating 50 A, Class J, max. Fuse, SCCR (UL/CSA) Short-circuit protection rating 50 A, Class J, max. Fuse, SCCR (UL/CSA) Short-circuit protection rating 10 kA, SCCR (UL/CSA) Number of contacts in series at DC-23A, 24 V 1 Number of contacts in series at DC-23A, 48 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, 48 V 3 2	Rated operational power at AC-23A, 400 V, 50 Hz	13 kW
Rated operational voltage (Ue) at AC - max690 VRated uninterrupted current (lu)25 AUninterrupted currentRated uninterrupted current lu is specified for max. cross-section.Short-circuit rating50 kARated short-time withstand current (lcw)64 kAShort-circuit current rating (high fault)50 kAShort-circuit current rating (high fault)50 kAShort-circuit protection rating50 kAShort-circuit protection rating50 kAShort-circuit current rating (high fault)50 kAShort-circuit protection rating50 kAShort-circuit protection rating51 kA (with intermittent operation class 12, 40 % duty factor)1.5 k // (with intermittent operation class 12, 40 % duty factor)1.5 k // (with intermittent operation class 12, 25 % duty factor)1.6 k // (with intermittent operation class 12, 25 % duty factor)2. k // (with intermittent operation class 12, 25 % duty factor)1.6 km22Number of contacts in series at DC-23A, 80 V2Number of contacts in series at DC-23A, 120 V3Number of contacts in series at DC-23A, 120 V3Switching capacity (main contacts, general use)20 k Rated uninterrupted current max. (UL/CSA) <td>Rated operational power at AC-23A, 500 V, 50 Hz</td> <td>11 kW</td>	Rated operational power at AC-23A, 500 V, 50 Hz	11 kW
Rated uninterrupted current (lu) 25 A Uninterrupted current (lu) Rated uninterrupted current lu is specified for max. cross-section. Short-circuit rating 50 kA Rated short-time withstand current (lcw) 50 kA Short-circuit current rating (basic rating) 50 kA Short-circuit current rating (high fault) 50 A, Class J, max. Fuse, SCCR (UU/CSA) Short-circuit protection rating 50 A, Class J, max. Fuse, SCCR (UU/CSA) Short-circuit current rating (high fault) 50 A, Class J, max. Fuse, SCCR (UU/CSA) Short-circuit current rating (high fault) 50 A, Class J, max. Fuse, SCCR (UU/CSA) Short-circuit current rating (high fault) 50 A, Class J, max. Fuse, SCCR (UU/CSA) Short-circuit current rating (high fault) 10 A, max. Fuse, SCCR (UU/CSA) Short-circuit current rating (high fault) 50 A, Class J, max. Fuse, SCCR (UU/CSA) Short-circuit current rating (high fault) 10 A, max. Fuse, SCCR (UU/CSA) Number of contacts in series at DC-23A, 24 V 15 x l# (with intermittent operation class 12, 40 % duty factor) Number of contacts in series at DC-23A, 84 V 4 Number of contacts in series at DC-23A, 90 V 1 Number of contacts in series at DC-23A, 120 V 2 Number of contacts in series at DC-23A, 120 V	Rated operational power at AC-23A, 690 V, 50 Hz	11 kW
Uninterrupted current Rated uninterrupted current luis specified for max. cross-section. Short-circuit rating Short-circuit current (lq) Rated short-time withstand current (lq) Short-circuit current rating (basic rating) Short-circuit current rating (basic rating) Short-circuit current rating (basic rating) Short-circuit current rating (high fault) Short-circuit current rating	Rated operational voltage (Ue) at AC - max	690 V
Short-circuit rating 50 kA Rated conditional short-circuit current (lq) 50 kA Rated short-time withstand current (lcw) 50 kA Short-circuit current rating (basic rating) 0.64 kA Short-circuit current rating (basic rating) 110A, max. Fuse, SCCR (UL/CSA) Short-circuit current rating (high fault) 50 kA Short-circuit protection rating 50 kA, SCCR (UL/CSA) Short-circuit protection rating 50 kA, SCCR (UL/CSA) Short-circuit protection rating 50 kA, SCCR (UL/CSA) Number of contacts in series at DC-23A, 24 V 16 k l# (with intermittent operation class 12, 40 % duty factor) Number of contacts in series at DC-23A, 48 V 1 Number of contacts in series at DC-23A, 120 V 1 Number of contacts in series at DC-23A, 120 V 1 Number of contacts in series at DC-23A, 120 V 2 Number of contacts in series at DC-23A, 120 V 3 Switching capacity (main contacts, general use) 20 A, Rated uninterrupted current max. (UL/CSA) <td>· · · · ·</td> <td></td>	· · · · ·	
Rated conditional short-circuit current (lq) 50 kA Rated short-time withstand current (lcw) 50 kA Short-circuit current rating (basic rating) 100, max. Fuse, SCCR (UL/CSA) Short-circuit current rating (high fault) 50 kA Short-circuit protection rating 50 kA Short-circuit protection rating 50 kA Switching capacity 25 A gG/gL, Fuse, Contacts Number of contacts in series at DC-23A, 24 V 13 k I# (with intermittent operation class 12, 25% duty factor) Number of contacts in series at DC-23A, 48 V 1 Number of contacts in series at DC-23A, 120 V 14 (With intermittent operation class 12, 25% duty factor) Number of contacts in series at DC-23A, 120 V 14 (With intermittent operation class 12, 25% duty factor) Number of contacts in series at DC-23A, 120 V 14 (With intermittent operation class 12, 25% duty factor) Number of contacts in series at DC-23A, 120 V 14 (With intermittent operation class 12, 25% duty factor) Number of contacts in series at DC-23A, 120 V 20 A, Rated uninterrupted current max. (UL/CSA)		Rated uninterrupted current lu is specified for max. cross-section.
Rated short-time withstand current (Icw)Image: Constant of Contacts, 1 secondShort-circuit current rating (basic rating)Image: Contacts, 1 secondShort-circuit current rating (high fault)Image: Contacts, 1 secondShort-circuit current rating (high fault)Image: Contacts, 1 secondShort-circuit protection ratingImage: Contacts, 1 secondNumber of contacts in series at DC-23A, 24 VImage: Contacts, 1 second, 25 % duty factor)Number of contacts in series at DC-23A, 60 VImage: Contacts, 1 second, 20 % duty factor)Number of contacts in series at DC-23A, 120 VImage: Contacts, 1 second, 20 % Rated uninterrupted current max. (UL/CSA)Switching capacity (main contacts, general use)Image: Contacts, 1 second, 20 % Rated uninterrupted current max. (UL/CSA)	Short-circuit rating	
640 A, Contacts, 1 secondShort-circuit current rating (basic rating)640 A, Contacts, 1 secondShort-circuit current rating (high fault)10A, max. Fuse, SCCR (UL/CSA)Short-circuit protection rating50 A, Class J, max. Fuse, SCCR (UL/CSA)Short-circuit protection rating50 A, Class J, max. Fuse, SCCR (UL/CSA)Short-circuit protection rating50 A, Class J, max. Fuse, SCCR (UL/CSA)Short-circuit protection rating50 A, Class J, max. Fuse, SCCR (UL/CSA)Short-circuit protection rating50 A, Class J, max. Fuse, SCCR (UL/CSA)Short-circuit protection rating50 A, Class J, max. Fuse, SCCR (UL/CSA)Short-circuit protection rating50 A, Class J, max. Fuse, SCCR (UL/CSA)Short-circuit protection rating50 A, Class J, max. Fuse, SCCR (UL/CSA)Short-circuit protection rating50 A, Class J, max. Fuse, SCCR (UL/CSA)Short-circuit protection rating50 A, Class J, max. Fuse, SCCR (UL/CSA)Number of contacts in series at DC-23A, 24 V60 ANumber of contacts in series at DC-23A, 48 V1Number of contacts in series at DC-23A, 60 V2Number of contacts in series at DC-23A, 120 V60 ASwitching capacity (main contacts, general use)0 A, Rated uninterrupted current max. (UL/CSA)	Rated conditional short-circuit current (Iq)	50 kA
Short-circuit current rating (high fault)Short-circuit current rating (high fault)Short-circuit current rating (high fault)Short-circuit protection ratingShort-circuit protection rating	Rated short-time withstand current (Icw)	
Short-circuit protection rating10 kA, SCCR (UL/CSA)Short-circuit protection rating25 A gG/gL, Fuse, ContactsSwitching capacity16 x l# (with intermittent operation class 12, 40 % duty factor) 1.3 x l# (with intermittent operation class 12, 40 % duty factor) 2. x l# (with intermittent operation class 12, 60 % duty factor) 2. x l# (with intermittent operation class 12, 25 % duty factor) 2. x l# (with intermittent operation class 12, 25 % duty factor) 2. x l# (with intermittent operation class 12, 25 % duty factor) 2. x l# (with intermittent operation class 12, 25 % duty factor) 	Short-circuit current rating (basic rating)	
Switching capacityIs a life (with intermittent operation class 12, 40 % duty factor) 1.3 x life (with intermittent operation class 12, 60 % duty factor) 2 x life (with intermittent operation class 12, 25 % duty factor) 2 x life (with intermittent operation class 12, 25 % duty factor)Number of contacts in series at DC-23A, 24 V1Number of contacts in series at DC-23A, 24 V2Number of contacts in series at DC-23A, 48 V2Number of contacts in series at DC-23A, 60 V2Number of contacts in series at DC-23A, 120 V3Switching capacity (main contacts, general use)Contacts	Short-circuit current rating (high fault)	
Load rating1.6 x # (with intermittent operation class 12, 40 % duty factor) 1.3 x # (with intermittent operation class 12, 60 % duty factor) 2 x # (with intermittent operation class 12, 25 % duty factor) 2 x # (with intermittent operation class 12, 25 % duty factor)Number of contacts in series at DC-23A, 24 V1Number of contacts in series at DC-23A, 48 V2Number of contacts in series at DC-23A, 60 V2Number of contacts in series at DC-23A, 60 V2Number of contacts in series at DC-23A, 120 V3Switching capacity (main contacts, general use)Contacts	Short-circuit protection rating	25 A gG/gL, Fuse, Contacts
1.3 x l# (with intermittent operation class 12, 60 % duty factor) 2 x l# (with intermittent operation class 12, 25 % duty factor)Number of contacts in series at DC-23A, 24 V1Number of contacts in series at DC-23A, 48 V2Number of contacts in series at DC-23A, 60 V2Number of contacts in series at DC-23A, 60 V2Number of contacts in series at DC-23A, 60 V3Switching capacity (main contacts, general use)0	Switching capacity	
Number of contacts in series at DC-23A, 48 V2Number of contacts in series at DC-23A, 60 V2Number of contacts in series at DC-23A, 120 V3Switching capacity (main contacts, general use)20 A, Rated uninterrupted current max. (UL/CSA)	Load rating	1.3 x I# (with intermittent operation class 12, 60 % duty factor)
Number of contacts in series at DC-23A, 60 V2Number of contacts in series at DC-23A, 120 V3Switching capacity (main contacts, general use)20 A, Rated uninterrupted current max. (UL/CSA)	Number of contacts in series at DC-23A, 24 V	1
Number of contacts in series at DC-23A, 120 V 3 Switching capacity (main contacts, general use) 20 A, Rated uninterrupted current max. (UL/CSA)	Number of contacts in series at DC-23A, 48 V	2
Switching capacity (main contacts, general use) 20 A, Rated uninterrupted current max. (UL/CSA)	Number of contacts in series at DC-23A, 60 V	2
	Number of contacts in series at DC-23A, 120 V	3
Switching capacity (auxiliary contacts, general use) 10A, IU, (UL/CSA)	Switching capacity (main contacts, general use)	20 A, Rated uninterrupted current max. (UL/CSA)
	Switching capacity (auxiliary contacts, general use)	10A, IU, (UL/CSA)

Switching capacity (auxiliary contacts, pilot duty) A600 (UL/CSA) P600 (UL/CSA) Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3) 240 A	
Voltage per contact pair in series 60 V	
Motor rating	
Assigned motor power at 115/120 V, 60 Hz, 1-phase 1 HP	
Assigned motor power at 200/208 V, 60 Hz, 1-phase 2 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 5 HP	
Assigned motor power at 460/480 V, 60 Hz, 3-phase 10 HP	
Assigned motor power at 575/600 V, 60 Hz, 3-phase 15 HP	
Contacts	
Control circuit reliability 1 failure per 100,000 switching operations statistically determind)	ned, at 24 V DC, 10
Number of auxiliary contacts (change-over contacts) 0	
Number of auxiliary contacts (normally closed contacts)	
Number of auxiliary contacts (normally open contacts)	
Actuator	
Actuator color Red	
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	
Rated operational current for specified heat dissipation (In) 25 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 Meets the product standard's requirements.	
10.2.5 Lifting Does not apply, since the entire switchgear needs to be evalu	ated.
10.2.6 Mechanical impact Does not apply, since the entire switchgear needs to be evalu	ated.
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 evalu	ated.
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 evalu	ated.
10.6 Incorporation of switching devices and components Does not apply, since the entire switchgear needs to be evalu	ated.
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 calculated provide heat dissipation data for the devices.	ulation. Eaton will
10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the observed.	switchgear must be
10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the observed.	switchgear must be
10.13 Mechanical function The device meets the requirements, provided the information leaflet (IL) is observed.	in the instruction

Technical data ETIM 9.0

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

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Switch disconnector (ecl@ss13-27-37-14-03 [AKF060018])

Version as main switch		No
Version as maintenance-/service switch		No
Version as safety switch		No
Version as emergency stop installation		Yes
Version as reversing switch		No
Number of switches		1
Max. rated operation voltage Ue AC	V	690
Rated operating voltage	V	480 - 480
Rated permanent current lu	Α	25
Rated permanent current at AC-23, 400 V	А	25
Rated permanent current at AC-21, 400 V	А	25
Rated operation power at AC-3, 400 V	kW	7.5
Rated short-time withstand current Icw	kA	0.64
Rated operation power at AC-23, 400 V	kW	13
Switching power at 400 V	kW	13
Conditioned rated short-circuit current Iq	kA	50
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		Built-in device fixed built-in technique
Suitable for floor mounting		No
Suitable for front mounting 4-hole		No
Suitable for front mounting centre		No
Suitable for distribution board installation		Yes
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
With pre-assembled cabling		No
Degree of protection (IP), front side		IP30
Degree of protection (NEMA)		Other
Width	mm	54
Height	mm	70
Depth	mm	91
Width in number of modular spacings		