## DATASHEET - P1-32/E

On-Off switch, P1, 32 A, flush mounting, 3 pole, with black thumb grip and front plate



Part no.	P1-32/E
	079065
EL Number	1456110
(Norway)	

## **General specifications**

General specifications	
Product name	Eaton Moeller® series P1 On-Off switch
Part no.	P1-32/E
EAN	4015080790655
Product Length/Depth	95 millimetre
Product height	70 millimetre
Product width	49 millimetre
Product weight	0.143 kilogram
Certifications	UL Category Control No.: NLRV UL IEC/EN 60947-4-1 CSA File No.: 012528 CSA IEC/EN 60947-3 CSA Class No.: 3211-05 CSA-C22.2 No. 60947-4-1-14 UL File No.: E36332 VDE 0660 IEC/EN 60204 CE
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	
Fitted with:	Black thumb grip and front plate
Number of poles	3
General information	
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	Flush 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	Front mounting 4-hole 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 Damp heat, constant, to IEC 60068-2-78
Terminal capacities	

10/19/2023

Initial savely     Image: Second		
Typeseng bangue         Filse Sove wiremails           Electrical rating         56.0           Baske traking cossely val 2020 V (cos pli to EC 6097-3)         56.0           Baske traking cossely val 800 W (cos pli to EC 6097-3)         50.0           Baske traking cossely val 800 W (cos pli to EC 6097-3)         50.0           Baske traking cossely val 800 W (cos pli to EC 6097-3)         50.0           Baske traking cossely val 800 W (cos pli to EC 6097-3)         50.0           Baske traking cossel val 800 W (cos pli to EC 6097-3)         50.0           Baske traking cossel val 800 W (cos pli to EC 6097-3)         50.0           Baske traperison control (b) # AC-3, 200 V 200 V (200 V (20	Terminal capacity	2 x (1.5 - 6) mm <sup>2</sup> , solid or stranded 1 x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 46228 2 x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 46228
Retroit of range     Not A       Retroit of range     Not A </td <td>Screw size</td> <td>M4, Terminal screw</td>	Screw size	M4, Terminal screw
Electical rating         Interference space you way 20200 Vise with UC 60047-3)         Sole A           Read or beaking capacity at 2020 Vise with UC 60047-3)         Sole A         Sole A           Read or beaking capacity at 2020 Vise with UC 60047-3)         Sole A         Sole A           Read or beaking capacity at 2020 Vise with UC 60047-3)         Sole A         Sole A           Read or beaking capacity at 2020 Vise with UC 60047-3)         Sole A         Sole A           Read or beaking capacity at 2020 Vise with UC 60047-3)         Sole A         Sole A           Read or beaking capacity at 2020 Vise with UC 60047-3)         Sole A         Sole A           Read or beaking capacity at 2020 Vise With Vise With UC 60047-3)         Sole A         Sole A           Read or beaking capacity at 2020 Vise With Vise With UC 60047-3)         Sole A         Sole A           Read or beaking capacity at 2020 Vise With Vise With UC 60047-3)         Sole A         Sole A           Read or beaking capacity at 2020 Vise With Vise With UC 60047-30         Sole A         Sole A           Read or beaking capacity at 2020 Vise With Vise With UC 60047-30         Sole A         Sole A           Read or beaking capacity at 2020 Vise With With Vise With UC 60047-30         Sole A         Sole A           Read or beaking With Vise With With Vise With With With With With With With Wise With With With With With With With Wise With With With With	Tightening torque	1.6 Nm, Screw terminals
Read bitwain     SBA       Read bitwain     SBA <td< td=""><td>Electrical rating</td><td>14.1 lb-in, Screw terminals</td></td<>	Electrical rating	14.1 lb-in, Screw terminals
Place brains gapping at SD V (corp it to EC B97-3)         Place brains gapping at SD V (corp it to EC B97-3)           Place brains gapping at SD V (corp it to EC B97-3)         Place brains gapping at SD V (corp it to EC B97-3)           Place d garcinal current (b) at AC 3, SDV (40V, 405 V         Place brains gapping at SDV (corp it to EC B97-3)           Place d garcinal current (b) at AC 3, SDV SDV         Place brains garcinal current (b) at AC 3, SDV SDV           Place d garcinal current (b) at AC 3, SDV SDV         Place Brains garcinal current (b) at AC 3, SDV SDV           Place d garcinal current (b) at AC 3, SDV SDV         Place Brains garcinal current (b) at AC 3, SDV SDV           Place d garcinal current (b) at AC 3, SDV SDV         Place Brains garcinal current (b) at AC 3, SDV SDV           Place d garcinal current (b) at AC 3, SDV SDV         Place Brains (Corp II) AL 3,	Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3)	260 A
Part brokking sparity of 60060 V [cos plits in IC 1007-3]         253 A           Part de persional current (liel x AC 32 UV 200 V 200 V         254 A           Part de persional current (liel x AC 32 UV 200 V 200 V         254 A           Part de persional current (liel x AC 32 UV 200 V 200 V         254 A           Part de persional current (liel x AC 32 UV 200 V 200 V         254 A           Part de persional current (liel x AC 32 UV 200 V 200 V         254 A           Part de persional current (liel x AC 32 UV 200 V 200 V         254 A           Part de persional current (liel x AC 32 UV 200 V 200 V         254 A           Part de persional current (liel x AC 34 UV 45 V         254 A           Part de persional current (liel x AC 34 UV 45 V         254 A           Part de persional current (liel x AC 34 UV 45 V         254 A           Part de persional current (liel x AC 34 UV 45 V         254 A           Part de persional current (liel x AC 34 UV 45 V         254 A           Part de persional current (liel x AC 34 UV 45 V         254 A           Part de persional current (liel x AC 34 UV 45 V         254 A           Part de persional current (liel x AC 34 UV 45 V         254 A           Part de persional current (liel x AC 34 UV 45 V 40 V         254 A           Part de persional current (liel x AC 34 UV 45 V 40 V         154 UV 454 UV	Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3)	300 A
Rad operatoral current lik) at AC-3, 289 V, 200 V, 280 V     28.4 A       Rad operatoral current lik) at AC-3, 289 V, 400 V, 189 V     26.4 A       Rad operatoral current lik) at AC-3, 880 V, 600 V     14.7 A       Rad operatoral current lik) at AC-3, 880 V, 600 V     28.4 A       Rad operatoral current lik) at AC-3, 880 V, 600 V     28.4 A       Rad operatoral current lik) at AC-3, 880 V, 600 V     28.4 A       Rad operatoral current lik) at AC-23, 800 V     28.4 A       Rad operatoral current lik) at AC-23, 800 V     28.4 A       Rad operatoral current lik) at AC-23, 800 V     28.4 A       Rad operatoral current lik) at AC-23, 800 V     28.4 A       Rad operatoral current lik) at AC-23, 800 V     28.4 A       Rad operatoral current lik) at AC-23, 800 V     28.4 A       Rad operatoral current lik) at AC-23, 800 V     28.4 A       Rad operatoral current lik) at AC-23, 800 V     28.4 A       Rad operatoral current lik) at AC-23, 800 V     28.4 A       Rad operatoral current lik) at AC-23, 800 V     28.4 A       Rad operatoral current lik) at AC-23, 800 V     28.4 A       Rad operatoral current lik) at AC-23, 800 V     28.4 A       Rad operatoral current lik) at AC-23, 800 V     28.4 A       Rad operatoral current lik) at AC-23, 800 V     28.4 A       Rad operatoral current lik) at AC-23, 800 V     28.4 A       Rad operatoral current lik) at AC-34, 800 V <td>Rated breaking capacity at 500 V (cos phi to IEC 60947-3)</td> <td>290 A</td>	Rated breaking capacity at 500 V (cos phi to IEC 60947-3)	290 A
Rated coarsional current (lei at AC-3, 389 V, 400 V, 415 V     28.4 A       Rated coarsional current (lei at AC-3, 580 V, 580 V, 580 V     23.4 A       Rated coarsional current (lei at AC-3, 580 V, 580 V)     22.4 A       Rated coarsional current (lei at AC-30, 280 V, 480 V     22.4 A       Rated coarsional current (lei at AC-20, 280 V, 180 V     22.4 A       Rated coarsional current (lei at AC-20, 280 V)     28.4 A       Rated coarsional current (lei at AC-20, 280 V)     28.4 A       Rated coarsional current (lei at AC-20, 280 V)     28.4 A       Rated coarsional current (lei at AC-20, 280 V)     28.4 A       Rated coarsional current (lei at CC-20, 28.4 V)     28.4 A       Rated coarsional current (lei at CC-20, 28.4 V)     25.4 A       Rated coarsional current (lei at CC-20, 28.4 V)     28.4 A       Rated coarsional current (lei at CC-20, 28.4 V)     28.4 A       Rated coarsional current (lei at CC-20, 28.4 V)     28.4 A       Rated coarsional current (lei at CC-20, 28.4 V)     28.4 A       Rated coarsional current (lei at CC-20, 28.4 V)     28.4 A       Rated coarsional current (lei at CC-20, 28.4 V)     28.4 A       Rated coarsional current (lei at CC-20, 28.4 V)     28.4 A       Rated coarsional current (lei at CC-20, 28.4 V)     28.4 A       Rated coarsional current (lei at CC-20, 28.4 V)     28.4 A       Rated coarsional curent (lei at CC-20, 28.4 V)     28.4 A </td <td>Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)</td> <td>250 A</td>	Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)	250 A
Rate operational current (b) at AC-3, 580 V, 580 V     234 A       Rate operational current (b) at AC-3, 580 V, 580 V     147 A       Rate operational current (b) at AC-3, 580 V, 580 V     232 A       Rate operational current (b) at AC-23, 480 V, 180 V     232 A       Rate operational current (b) at AC-23, 480 V, 180 V     232 A       Rate operational current (b) at AC-23, 480 V, 180 V     232 A       Rate operational current (b) at AC-23, 480 V, 180 V     232 A       Rate operational current (b) at AC-23, 480 V, 180 V     232 A       Rate operational current (b) at AC-23, 480 V, 180 V     232 A       Rate operational current (b) at AC-23, 480 V, 180 V     232 A       Rate operational current (b) at AC-23, 480 V, 50 V     232 A       Rate operational current (b) at AC-23, 480 V, 50 V     234 A       Rate operational current (b) at AC-23, 490 V, 50 V     234 A       Rate operational current (b) at AC-23, 490 V, 50 V     124 A       Rate operational current (b) at AC-23, 490 V, 50 V     124 A       Rate operational current (b) at AC-24, 490 V, 50 V     124 A       Rate operational corrent (b) at AC-24, 490 V, 50 V     124 A       Rate operational corrent (b) at AC-24, 490 V, 50 V     130 VV       Rate operational corrent (b) at AC-24, 490 V, 50 V     150 VV       Rate operational corrent (b) at AC-24, 490 V, 50 V     150 VV       Rate operational corrent (b) AC-24, 490 V, 50 V <t< td=""><td>Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V</td><td>26.4 A</td></t<>	Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V	26.4 A
Rand operational current liel at AC-3, 409 V, 600 V     147 A       Rand operational current liel at AC-21, 409 V     22 A       Rand operational current liel at AC-21, 409 V     23 A       Rand operational current liel at AC-23, 400 V, 151 V     23 A       Rand operational current liel at AC-23, 400 V, 151 V     23 A       Rand operational current liel at AC-23, 400 V, 151 V     23 A       Rand operational current liel at CD-23, 240 V     23 A       Rand operational current liel at DC-23, 240 V     25 A       Rand operational current liel at DC-23, 240 V     25 A       Rand operational current liel at DC-23, 240 V     25 A       Rand operational current liel at DC-23, 240 V     25 A       Rand operational current liel at DC-23, 240 V     25 A       Rand operational current liel at DC-23, 200 V     25 A       Rand operational current liel at DC-23, 200 V     25 A       Rand operational power at AC-3, 400 V, 50 Hz     13 W       Rand operational power at AC-3, 400 V, 50 Hz     15 W       Rand operational power at AC-23, 400 V, 50 Hz     15 W       Rand operational power at AC-23, 400 V, 50 Hz     16 W       Rand operational power at AC-23, 400 V, 50 Hz     16 W       Rand operational power at AC-23, 400 V, 50 Hz     18 W       Rand operational power at AC-23, 400 V, 50 Hz     18 W       Rand operational power at AC-23, 400 V, 50 Hz     18 W	Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	26.4 A
Rated operational current (iie) at AC-21, 200 V     Image operational current (iie) at AC-223, 200 V       Rated operational current (iie) at AC-223, 400 V, 415 V     Image operational current (iie) at AC-233, 400 V, 415 V       Rated operational current (iie) at AC-233, 400 V     Image operational current (iie) at AC-233, 400 V       Rated operational current (iie) at AC-234, 400 V     Image operational current (iie) at AC-234, 400 V       Rated operational current (iie) at AC-234, 400 V     Image operational current (iie) at AC-234, 400 V       Rated operational current (iie) at DC-234, 400 V     Image operational current (iie) at DC-234, 400 V       Rated operational current (iie) at DC-234, 400 V     Image operational current (iie) at DC-234, 400 V       Rated operational current (iie) at DC-234, 400 V     Image operational current (iie) at DC-234, 400 V       Rated operational current (iie) at DC-234, 400 V     Image operational current (iie) at DC-234, 400 V       Rated operational current (iie) at DC-234, 400 V     Image operational current (iie) at DC-234, 400 V       Rated operational current (iie) at DC-234, 500 V     Image operational current (iie) at DC-234, 400 V       Rated operational corrent AC-234, 500 V, 50 Hz     Image operational current (iie) at DC-234, 500 V, 50 Hz       Rated operational corrent AC-234, 500 V, 50 Hz     Image operational current (iii)       Rated operational corrent AC-234, 500 V, 50 Hz     Image operational current (iii)       Rated operational corrent AC-234, 500 V, 50 Hz     Image operational current (iii) <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 (k) at AC-23A, 200 V     Image and construct (k) at AC-23A, 200 V       Rated operational current (k) at AC-23A, 200 V     Image and construct (k) at AC-23A, 200 V       Rated operational current (k) at AC-23A, 200 V     Image and construct (k) at AC-23A, 200 V       Rated operational current (k) at AC-23A, 200 V     Image and construct (k) at AC-23A, 200 V       Rated operational current (k) at AC-23A, 200 V     Image and construct (k) at AC-23A, 200 V       Rated operational current (k) at AC-23A, 200 V     Image and construct (k) at AC-23A, 200 V       Rated operational power at AC-3, 303 V, 30 Hz     Image and construct (k) at AC-23A, 200 V, 30 Hz       Rated operational power at AC-3, 303 V, 30 Hz     Image and construct (k) at AC-23A, 200 V, 30 Hz       Rated operational power at AC-23A, 200 V, 50 Hz     Image and construct (k) at AC-23A, 200 V, 50 Hz       Rated operational power at AC-23A, 200 V, 50 Hz     Image and construct (k) at AC-max       Rated operational power at AC-23A, 200 V, 50 Hz     Image and construct (k) AC-max       Rated operational power at AC-23A, 200 V, 50 Hz     Image and construct (k) AC-max       Rated operational power at AC-23A, 200 V, 50 Hz     Image and construct (k) AC-max       Rated operational power at AC-23A, 200 V, 50 Hz     Image and Construct (k) AC-max       Rated operational power at AC-23A, 200 V, 50 Hz     Image and Construct (k) AC-max       Rated operational power at AC-3A, 200 V, 50 Hz     Image ando-AC-AC-AC-AC-AC-AC-AC-AC-AC-AC-AC-AC-AC-	Rated operational current (Ie) at AC-3, 660 V, 690 V	14.7 A
Rated operational current (ik) at AC 23A, 400 V, 415 V     Image operational current (ik) at AC 23A, 500 V       Baned operational current (ik) at AC 23A, 500 V     198 A       Rated operational current (ik) at AC 23A, 500 V     198 A       Rated operational current (ik) at AC 23A, 500 V     22 A       Rated operational current (ik) at CC 2A, 24V     25 A       Rated operational current (ik) at CC 2A, 46V     25 A       Rated operational current (ik) at CC 2A, 46V     25 A       Rated operational current (ik) at CC 2A, 40V     25 A       Rated operational current (ik) at CC 2A, 40V     25 A       Rated operational power at AC 3, 300 V, 90 Hz     12 A       Rated operational power at AC 3, 500 V, 90 Hz     13 W/V       Rated operational power at AC 23A, 500 V, 90 Hz     15 W/V       Rated operational power at AC 23A, 500 V, 90 Hz     15 W/V       Rated operational power at AC 23A, 500 V, 90 Hz     15 W/V       Rated operational power at AC 23A, 500 V, 90 Hz     15 W/V       Rated operational power at AC 23A, 500 V, 90 Hz     15 W/V       Rated operational power at AC 23A, 500 V, 90 Hz     15 W/V       Rated operational power at AC 23A, 500 V, 90 Hz     15 W/V       Rated operational power at AC 23A, 500 V, 90 Hz     16 W/V       Rated operational power at AC 23A, 500 V, 90 Hz     16 W/V       Rated operational power at AC 23A, 500 V, 90 Hz     16 W/V	Rated operational current (Ie) at AC-21, 440 V	32 A
Rated operational current (le) at AC-23A, 580 Y     50 A       Rated operational current (le) at AC-23A, 580 Y     138 A       Rated operational current (le) at CC-10, load-brack switches (ir = 1 ms)     22 A       Rated operational current (le) at CC-32A, 48 V     25 A       Rated operational current (le) at CC-32A, 48 V     25 A       Rated operational current (le) at CC-32A, 48 V     25 A       Rated operational current (le) at CC-32A, 48 V     25 A       Rated operational current (le) at CC-32A, 48 V     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-23A, 200 V, 50 Hz     15 kW       Rated operational power at AC-23A, 200 V, 50 Hz     15 kW       Rated operational power at AC-23A, 200 V, 50 Hz     15 kW       Rated operational power at AC-23A, 200 V, 50 Hz     15 kW       Rated operational power at AC-23A, 200 V, 50 Hz     15 kW       Rated operational power at AC-23A, 200 V, 50 Hz     15 kW       Rated operational power at AC-23A, 200 V, 50 Hz     15 kW       Rated operational power at AC-23A, 200 V, 50 Hz     16 kW       Rated operational power at AC-23A, 200 V, 50 Hz     16 kW       Rated operational power at AC-23A, 200 V, 50 Hz     16 kW       Rated operational power at AC-23A, 200 V, 50 Hz     16 kW       Rated operational power	Rated operational current (Ie) at AC-23A, 230 V	32 A
Rated operational current (1e) at AC-220, 680 V     18 A       Rated operational current (1e) at DC -1, load-break switches (ir = 1 ms     32 A       Rated operational current (1e) at DC -230, 42 V     25 A       Rated operational current (1e) at DC -230, 49 V     25 A       Rated operational current (1e) at DC -230, 49 V     25 A       Rated operational current (1e) at DC -230, 49 V     25 A       Rated operational current (1e) at DC -230, 49 V     25 A       Rated operational current (1e) at DC -230, 49 V     25 A       Rated operational power at AC -3100 V/50 Hz     12 A       Rated operational power at AC -3100 V/50 Hz     13 KV       Rated operational power at AC -230, 500 V/50 Hz     15 KV       Rated operational power at AC -230, 500 V/50 Hz     15 KV       Rated operational power at AC -230, 500 V/50 Hz     15 KV       Rated operational power at AC -230, 500 V/50 Hz     15 KV       Rated operational power at AC -230, 500 V/50 Hz     15 KV       Rated operational power at AC -230, 500 V/50 Hz     15 KV       Rated operational power at AC -230, 500 V/50 Hz     15 KV       Rated operational power at AC -230, 500 V/50 Hz     15 KV       Rated operational power at AC -230, 500 V/50 Hz     16 K       Rated operational power at AC -230, 500 V/50 Hz     16 K       Rated operational power at AC -230, 500 V/50 Hz     16 K       Rated operational power at AC	Rated operational current (Ie) at AC-23A, 400 V, 415 V	32 A
Rated operational current (1) at DC -32, 24 V     25 A       Rated operational current (1) at DC -32, 48 V     25 A       Rated operational current (1) at DC -32, 48 V     25 A       Rated operational current (1) at DC -32, 48 V     25 A       Rated operational current (1) at DC -32, 48 V     25 A       Rated operational current (1) at DC -32, 120 V     12 A       Rated operational power at AC -3, 300 VO 50 Hz     13 WV       Rated operational power at AC -3, 415 VS 00 Hz     16 KW       Rated operational power at AC -3, 400 VS 00 Hz     16 KW       Rated operational power at AC -3, 400 VS 00 Hz     16 KW       Rated operational power at AC -3, 400 VS 00 Hz     16 KW       Rated operational power at AC -3, 400 VS 00 Hz     16 KW       Rated operational power at AC -3, 400 VS 00 Hz     16 KW       Rated operational power at AC -3, 400 VS 00 Hz     16 KW       Rated operational power at AC -3, 400 VS 00 Hz     16 KW       Rated operational power at AC -3, 400 VS 00 Hz     16 KW       Rated operational power at AC -3, 400 VS 00 Hz     16 KW       Rated operational power at AC -3, 400 VS 00 Hz     16 KW       Rated operational power at AC -3, 400 VS 00 Hz     16 KW       Rated operational power at AC -3, 400 VS 00 Hz     16 KW       Rated operational power at AC -3, 400 VS 00 Hz     16 KW       Rated operational power at AC -3, 400 VS 00 Hz     16 KW<	Rated operational current (Ie) at AC-23A, 500 V	30 A
Rated operational current (la) at DC-23A, 44 V     25 A       Rated operational current (la) at DC-23A, 46 V     25 A       Rated operational current (la) at DC-23A, 46 V     25 A       Rated operational current (la) at DC-23A, 102 V     12 A       Rated operational power at AC-3, 300 V, 50 Hz     13 k/V       Rated operational power at AC-3, 300 V, 50 Hz     13 k/V       Rated operational power at AC-3, 300 V, 50 Hz     15 k/V       Rated operational power at AC-3, 300 V, 50 Hz     15 k/V       Rated operational power at AC-3, 300 V, 50 Hz     15 k/V       Rated operational power at AC-23, 800 V, 50 Hz     15 k/V       Rated operational power at AC-23, 800 V, 50 Hz     15 k/V       Rated operational power at AC-23, 800 V, 50 Hz     15 k/V       Rated operational power at AC-23, 800 V, 50 Hz     15 k/V       Rated operational power at AC-23, 800 V, 50 Hz     15 k/V       Rated operational power at AC-23, 800 V, 50 Hz     15 k/V       Rated operational power at AC-23, 800 V, 50 Hz     15 k/V       Rated operational power at AC-23, 800 V, 50 Hz     15 k/V       Rated operational power at AC-23, 800 V, 50 Hz     15 k/V       Rated operational power at AC-23, 800 V, 50 Hz     15 k/V       Rated operational power at AC-23, 800 V, 50 Hz     15 k/V       Rated operational power at AC-23, 800 V, 50 Hz     15 k/V       Rated operational power at AC-23, 800 V, 50 Hz	Rated operational current (Ie) at AC-23A, 690 V	19.8 A
Rated operational current (iii) at DC-23A, 48 V     25 A       Rated operational current (iii) at DC-23A, 68 V     25 A       Rated operational current (iii) at DC-23A, 68 V     25 A       Rated operational current (iii) at DC-23A, 68 V     25 A       Rated operational power at AS-3800 V, 50 Hz     13 kW       Rated operational power at AS-3800 V, 50 Hz     15 kW       Rated operational power at AS-2800 V, 50 Hz     15 kW       Rated operational power at AS-2800 V, 50 Hz     15 kW       Rated operational power at AS-2800 V, 50 Hz     15 kW       Rated operational power at AS-2800 V, 50 Hz     15 kW       Rated operational power at AS-2800 V, 50 Hz     15 kW       Rated operational power at AS-2800 V, 50 Hz     15 kW       Rated operational power at AS-2800 V, 50 Hz     15 kW       Rated operational power at AS-2800 V, 50 Hz     15 kW       Rated operational power at AS-2800 V, 50 Hz     15 kW       Rated operational power at AS-2800 V, 50 Hz     15 kW       Rated operational power at AS-2800 V, 50 Hz     15 kW       Rated operational power at AS-2800 V, 50 Hz     15 kW       Rated operational power at AS-280 V, 50 Hz     16 kW       Rated operational power at AS-280 V     18 kW       Rated obscinctic urrent (iv)     30 A       Short-circuit current (iv)     50 kD       Short-circuit current (iv)     50 kD <td>Rated operational current (Ie) at DC-1, load-break switches I/r = 1 ms</td> <td>32 A</td>	Rated operational current (Ie) at DC-1, load-break switches I/r = 1 ms	32 A
Rated operational current (le) at DC-23A, 50 V     25 A       Rated operational current (le) at DC-23A, 120 V     12 A       Rated operational power at AC-3, 800,400,45 Hz     13 kW       Rated operational power at AC-3, 800,400,45 Hz     13 kW       Rated operational power at AC-3, 800,400,45 Hz     18 kW       Rated operational power at AC-3, 800,50 Hz     18 kW       Rated operational power at AC-3, 800,50 Hz     18 kW       Rated operational power at AC-3, 800,50 Hz     18 kW       Rated operational power at AC-3, 800,50 Hz     18 kW       Rated operational power at AC-3, 800,50 Hz     18 kW       Rated operational power at AC-3, 800,50 Hz     18 kW       Rated operational power at AC-3, 800,50 Hz     18 kW       Rated operational power at AC-3, 800,50 Hz     18 kW       Rated operational power at AC-33, 800,50 Hz     18 kW       Rated operational power at AC-34, 800 V, 50 Hz     18 kW       Rated operational power at AC-34, 800 V, 50 Hz     18 kW       Rated operational power at AC-34, 800 V, 50 Hz     18 kW       Rated operational power at AC-34, 800 V, 50 Hz     18 kW       Rated operational power at AC-34, 800 V, 50 Hz     800 V       Rated operational power at AC-34, 800 V     10 kA       Rated operational short-circuit current (lu)     60 A A       Short-circuit current (lu)     50 A A       Rated operational short-	Rated operational current (Ie) at DC-23A, 24 V	25 A
Rated operational current (le) at DC-23A, 120 V     Image: state operational power at AC-3, 380,400 V, 50 Hz     Image: state operational power at AC-3, 15V V 50 Hz       Rated operational power at AC-3, 15V V 50 Hz     Image: state operational power at AC-3, 50V V, 50 Hz     Image: state operational power at AC-3, 200 V, 50 Hz       Rated operational power at AC-23A, 200 V, 50 Hz     Image: state operational power at AC-23A, 500 V, 50 Hz     Image: state operational power at AC-23A, 500 V, 50 Hz       Rated operational power at AC-23A, 500 V, 50 Hz     Image: state operational power at AC-23A, 500 V, 50 Hz     Image: state operational power at AC-23A, 500 V, 50 Hz       Rated operational power at AC-23A, 500 V, 50 Hz     Image: state operational power at AC-23A, 500 V, 50 Hz     Image: state operational power at AC-23A, 500 V, 50 Hz       Rated operational power at AC-23A, 600 V, 50 Hz     Image: state operational power at AC-23A, 500 V, 50 Hz     Image: state operational power at AC-23A, 500 V, 50 Hz       Rated operational power at AC-23A, 600 V, 50 Hz     Image: state operational power at AC-23A, 500 V, 50 Hz     Image: state operational power at AC-23A, 500 V, 50 Hz       Rated operational power at AC-23A, 600 V, 50 Hz     Image: state operational power at AC-23A, 600 V, 50 Hz     Image: state operational power at AC-23A, 600 V, 50 Hz       Rated operational power at AC-23A, 600 V, 50 Hz     Image: state operational power at AC-23A, 600 V, 50 Hz     Image: state operational power at AC-23A, 600 V, 50 Hz       Rated operational power at AC-23A, 600 V, 50 Hz     Image: state operational power at AC-23A, 600 V, 50 Hz	Rated operational current (Ie) at DC-23A, 48 V	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-38, 200 V, 50 Hz       15 kW         Rated operational power at AC-38, 200 V, 50 Hz       15 kW         Rated operational power at AC-38, 500 V, 50 Hz       15 kW         Rated operational power at AC-38, 500 V, 50 Hz       15 kW         Rated operational power at AC-38, 500 V, 50 Hz       15 kW         Rated operational power at AC-38, 500 V, 50 Hz       15 kW         Rated operational power at AC-38, 500 V, 50 Hz       15 kW         Rated operational power at AC-38, 600 V, 50 Hz       600 V         Rated operational power at AC-38, 600 V, 50 Hz       600 V         Rated operational power at AC-38, 600 V, 50 Hz       50 V         Rated operational power at AC-38, 600 V, 50 Hz       50 V         Rated operational power at AC-38, 600 V, 50 Hz       600 V         Rated operational power at AC-38, 600 V, 50 Hz       600 V         Rated operational power at AC-38, 600 V, 50 Hz       600 V         Rated operational power at AC-38, 600 V, 50 Hz       75 km P         Rated conditional short-circuit current (lui)       600 KA         Short-circuit current filigh fault)       60 A, Contacts, 1 second </td <td>Rated operational current (Ie) at DC-23A, 60 V</td> <td>25 A</td>	Rated operational current (Ie) at DC-23A, 60 V	25 A
Rated operational power at AC3, 415 V, 50 Hz       13 kW         Rated operational power at AC3, 800 V, 50 Hz       15 kW         Rated operational power at AC3, 800 V, 50 Hz       15 kW         Rated operational power at AC3, 800 V, 50 Hz       15 kW         Rated operational power at AC32A, 500 V, 50 Hz       15 kW         Rated operational power at AC32A, 600 V, 50 Hz       15 kW         Rated operational power at AC32A, 600 V, 50 Hz       15 kW         Rated operational power at AC32A, 600 V, 50 Hz       600 V         Rated operational power at AC32A, 600 V, 50 Hz       600 V         Rated operational power at AC32A, 600 V, 50 Hz       600 V         Rated operational power at AC32A, 600 V, 50 Hz       600 V         Rated operational power at AC32A, 600 V, 50 Hz       600 V         Rated operational voltage (lue) at AC - max       800 V         Rated operational power at AC32A, 600 V, 50 Hz       600 V         Rated operational voltage (lue) at AC - max       800 V         Rated operational power at AC32A, 600 V, 50 Hz       800 V         Rated operational power at AC32A, 600 V, 50 Hz       800 V         Rated operational voltage (lue) at AC - max       600 A, Contacts, 1 second Q, Second	Rated operational current (Ie) at DC-23A, 120 V	12 A
Rated operational power at AC: 3, 500 V, 50 Hz       15 kW         Rated operational power at AC: 34, 200 200 V, 50 Hz       15 kW         Rated operational power at AC: 324, 200 200 V, 50 Hz       15 kW         Rated operational power at AC: 324, 400 V, 50 Hz       15 kW         Rated operational power at AC: 324, 500 V, 50 Hz       15 kW         Rated operational power at AC: 324, 500 V, 50 Hz       15 kW         Rated operational power at AC: 324, 500 V, 50 Hz       15 kW         Rated operational power at AC: 324, 600 V, 50 Hz       15 kW         Rated operational power at AC: 324, 600 V, 50 Hz       15 kW         Rated operational power at AC: 324, 600 V, 50 Hz       15 kW         Rated operational power at AC: 324, 600 V, 50 Hz       15 kW         Rated operational power at AC: 324, 600 V, 50 Hz       16 kMK         Rated operational power at AC: 324, 600 V       16 kMK         Rated operational power at AC: 324, 500 V, 50 Hz       50 kA         Rated conditional short-circuit current (lo)       50 kA         Rated conditional short-circuit current (lo)       50 kA         Rated operation (loss rating)       50 kA (Contacts, 1 second Coll kA         Short-circuit protection rating       50 kA (V(UCSA)         Short-circuit protection rating       50 kA (V(ULCSA)         Short-circuit protection rating       50 kJ	Rated operational power at AC-3, 380/400 V, 50 Hz	13 kW
Rated operational power at AC: 3, 690 V, 50 Hz       15 kW         Rated operational power at AC: 32A, 200 20 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       15 kW         Rated operational power at AC: 32A, 500 V, 50 Hz       15 kW         Rated operational power at AC: 32A, 500 V, 50 Hz       50 V         Rated operational power at AC: 32A, 500 V, 50 Hz       50 V         Rated operational power at AC: 32A, 500 V, 50 Hz       50 V         Rated operational power at AC: 32A, 500 V, 50 Hz       50 V         Rated operational power at AC: 32A, 500 V, 50 Hz       50 V         Rated operational power at AC: 32A, 500 V, 50 Hz       50 V         Rated operational power at AC: 32A, 500 V, 50 Hz       50 V         Rated operational power at AC: 32A, 500 V, 50 Hz       50 V         Rated operational power at AC: 32A, 500 V, 50 Hz       50 V         Rated operational power at AC: 32A, 500 V, 50 Hz       50 V         Rated operational power at AC: 32A, 500 V       50 A         Sohrt-circuit current (le)       50 A A, Contacts, 1 second cubes ration, 10 kB K K         Sohrt-circuit current rating (high fault)       50 A G/G U, Fuse, Contacts         Sohrt-circuit prote	Rated operational power at AC-3, 415 V, 50 Hz	13 kW
Rated operational power at AC-23A, 220/230 V, 50 Hz     7.5 KW       Rated operational power at AC-23A, 600 V, 50 Hz     15 KW       Rated operational power at AC-23A, 600 V, 50 Hz     185 kW       Rated operational power at AC-23A, 600 V, 50 Hz     185 kW       Rated operational voltage (Ue) at AC - max     980 V       Rated operational voltage (Ue) at AC - max     980 V       Rated operational voltage (Ue) at AC - max     980 V       Rated operational voltage (Ue) at AC - max     980 V       Rated operational voltage (Ue) at AC - max     980 V       Rated operational voltage (Ue) at AC - max     980 V       Rated operational voltage (Ue) at AC - max     980 V       Rated operational voltage (Ue) at AC - max     980 V       Rated operational voltage (Ue) at AC - max     980 V       Rated operational voltage (Ue) at AC - max     980 V       Rated operational voltage (Ue) at AC - max     980 V       Rated operational voltage (Ue) at AC - max     980 V       Rated operational voltage (Ue) at AC - max     980 V       Rated operational voltage (Ue) at AC - max     980 V       Rated operational voltage (Ue) at AC - max     980 V       Rated operational voltage (Ue) at AC - max     980 V       Rated voltage (UE) at AC - max     980 V       Rated voltage (UE) at AC - max     980 V       Rated voltage (UE) at AC - max     98	Rated operational power at AC-3, 500 V, 50 Hz	18.5 kW
Rated operational power at AC-23A, 400 V, 50 Hz       If S W         Rated operational power at AC-23A, 600 V, 50 Hz       If S W         Rated operational power at AC-23A, 600 V, 50 Hz       If S W         Rated operational power at AC-23A, 600 V, 50 Hz       If S W         Rated operational power at AC-23A, 600 V, 50 Hz       If S W         Rated operational voltage (Ue) at AC - max       If S W         Rated operational voltage (Ue) at AC - max       If S W         Rated operational voltage (Ue) at AC - max       If S W         Rated conditional short-circuit current (U)       If S W         Uninterrupted current (I)       If S W         Rated conditional short-circuit current (Icw)       If S W         Short-circuit current rating (basic rating)       If S W A         Short-circuit protection rating       If A A         Short-circuit protec	Rated operational power at AC-3, 690 V, 50 Hz	15 kW
Rated operational power at AC-23A, 500 V, 50 Hz       Image: Stated operational power at AC-23A, 600 V, 50 Hz       Image: Stated operational power at AC-23A, 600 V, 50 Hz         Rated operational power at AC-23A, 600 V, 50 Hz       Image: State downinterrupted current (lu)       Image: State downinterrupted current (lu)         Uninterrupted current (lu)       Image: State downinterrupted current lu is specified for max. cross-section.         Short-circuit rating       Image: State downinterrupted current lu is specified for max. cross-section.         Rated conditional short-circuit current (lq)       Image: State downinterrupted current lu is specified for max. cross-section.         Rated short-time withstand current (lcw)       Image: State downinterrupted current lu is specified for max. cross-section.         Short-circuit current rating (basic rating)       Image: State downinterrupted current lu is specified for max. cross-section.         Short-circuit current rating (high fault)       Image: State downinterrupted current rating (high fault)       Image: State downinterrupted current max. cross-section.         Short-circuit protection rating       Image: State downinterrupted current ration (lass 12, 40 % du/y factor)       Image: State downinterrupted current ration class 12, 40 % du/y factor)         Number of contacts in series at DC-23A, 40 V       Image: State downinterrupted current max. (UL/CSA)       Image: State downinterrupted current max. (UL/CSA)         Number of contacts in series at DC-23A, 40 V       Image: State downinterrupted current max. (UL/CSA)	Rated operational power at AC-23A, 220/230 V, 50 Hz	7.5 kW
Rated operational power at AC-23A, 690 V, 50 Hz     15 kW       Rated operational voltage (Ue) at AC - max     690 V       Rated uninterrupted current (lu)     32 A       Uninterrupted current     Rated uninterrupted current lu is specified for max. cross-section.       Short-circuit rating     80 kA       Rated short-time withstand current (lew)     80 kA       Short-circuit current rating (basic rating)     80 kA       Short-circuit current rating (basic rating)     5 kA, SCCR (UL/CSA)       Short-circuit protection rating     5 kA, SCCR (UL/CSA)       Short-circuit protection rating     50 A gB/gL, Fuse, SCCR (UL/CSA)       Short-circuit protection rating     50 A gB/gL, Fuse, Contacts       Switching capacity     10 kA, SCCR (UL/CSA)       Number of contacts in series at DC-23A, 24 V     50 A gB/gL, Fuse, Contacts       Number of contacts in series at DC-23A, 24 V     51 A kef (with intermittent operation class 12, 40 % duty factor)       Number of contacts in series at DC-23A, 24 V     51 A kef (with intermittent operation class 12, 40 % duty factor)       Number of contacts in series at DC-23A, 24 V     51 A kef (with intermittent operation class 12, 40 % duty factor)       Number of contacts in series at DC-23A, 24 V     51 A kef (with intermittent operation class 12, 40 % duty factor)       Number of contacts in series at DC-23A, 120 V     51 A kef (with intermittent operation class 12, 26 % duty factor)       Switching capacity (maxi fina	Rated operational power at AC-23A, 400 V, 50 Hz	15 kW
Rated operational voltage (Ue) at AC - max       600 V         Rated uninterrupted current       32 A         Uninterrupted current       8ated uninterrupted current lu is specified for max. cross-section.         Short-circuit rating       80 kA         Rated conditional short-circuit current (Iq)       80 kA         Rated short-time withstand current (Iqu)       600 A, Contacts, 1 second         Short-circuit current rating (basic rating)       50 A, Contacts, 1 second         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       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)         Number of contacts in series at DC-23A, 24 V       16 k I# (with intermittent operation class 12, 40 % duty factor)         Number of contacts in series at DC-23A, 24 V       7         Number of contacts in series at DC-23A, 24 V       7         Number of contacts in series at DC-23A, 120 V       3         Switching capacity (main contacts, general use)       30 A, Rated uninterrupted current max.	Rated operational power at AC-23A, 500 V, 50 Hz	18.5 kW
Rated uninterrupted current (lu)       32 A         Uninterrupted current       Rated uninterrupted current lu is specified for max. cross-section.         Short-circuit rating       80 kA         Rated short-time withstand current (lcw)       80 kA         Short-circuit current rating (basic rating)       5 kA, SCCR (UL/CSA)         Short-circuit current rating (high fault)       5 kA, SCCR (UL/CSA)         Short-circuit protection rating       50 A, Class J, max. Fuse, SCCR (UL/CSA)         Short-circuit protection rating       50 A, GCBS UL/CSA)         Short-circuit protection rating       50 A, GCBS UL/CSA)         Short-circuit protection rating       50 A, GCBS UL/CSA)         Number of contacts in series at DC-23A, 24 V       16 K I/ (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, 42 V       1         Number of contacts in series at DC-23A, 42 V       1         Number of contacts in series at DC-23A, 42 V       2         Number of contacts in series at DC-23A, 42 V       3         Number of contacts in series at DC-23A, 42 V       3         Switching capacity (maxiliary contacts, general use)       30 A, Rated uninterrupted current max. (UL/CSA)         Switching capacity (maxiliary contacts, general use)       30 A, Rated uninter	Rated operational power at AC-23A, 690 V, 50 Hz	15 kW
Uninterrupted current       Atted uninterrupted current lu is specified for max. cross-section.         Short-circuit rating       80 kA         Rated conditional short-circuit current (lq)       80 kA         Rated short-time withstand current (lcw)       640 A, Contacts, 1 second         Short-circuit current rating (basic rating)       5 kA, SCCR (UL/CSA)         Short-circuit current rating (high fault)       5 kA, SCCR (UL/CSA)         Short-circuit protection rating       50 A, Class J, max. Fuse, SCCR (UL/CSA)         Short-circuit protection rating       50 A, Glass J, max. Fuse, SCCR (UL/CSA)         Short-circuit protection rating       50 A, Glass J, max. Fuse, 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, 42 V       1         Number of contacts in series at DC-23A, 42 V       3         Number of contacts in series at DC-23A, 42 V       1         Number of contacts in series at DC-23A, 42 V       3         Switching capacity (maxiliary contacts, general use)       30 A, Rated uninterrupted current max. (UL/CSA)         Switching capacity (maxiliary contacts, general use)       30 A, Rated uninterrupted current max. (UL/CSA)         Switching capacity (maxiliary contacts, general use)       4600 (UL/CSA)	Rated operational voltage (Ue) at AC - max	690 V
Short-circuit rating       80 kA         Rated conditional short-circuit current (lq)       80 kA         Rated short-time withstand current (lqw)       640 A, Contacts, 1 second         Bated short-circuit current rating (basic rating)       5 kA, 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, Glass J, max, Fuse, SCCR (UL/CSA)         Short-circuit protection rating       50 A, Glass J, max, Fuse, SCCR (UL/CSA)         Short-circuit protection rating       50 A, Glass J, max, Fuse, SCCR (UL/CSA)         Short-circuit protection rating       50 A, Glass J, max, Fuse, SCCR (UL/CSA)         Short-circuit protection rating       50 A, Glass J, max, Fuse, SCCR (UL/CSA)         Number of contacts in series at DC-23A, 24 V       50 A, Glass J, max, Fuse, SCCR (UL/CSA)         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       3         Switching capacity (main contacts, general use)       30 A, Rated uninterrupted current max. (UL/CSA)         Switching capacity (main contacts, general use)       30 A, Rated uninterrupted current max. (UL/CSA)         Switching capacity (maxiliary conta	Rated uninterrupted current (Iu)	32 A
Rated conditional short-circuit current (Iq)       80 kA         Rated short-time withstand current (Icw)       60 kA         Short-circuit current rating (basic rating)       5 kA, SCCR (UL/CSA)         Short-circuit current rating (high fault)       5 kA, 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       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       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)         Number of contacts in series at DC-23A, 24 V       1         Number of contacts in series at DC-23A, 24 V       1         Number of contacts in series at DC-23A, 26 V       1         Number of contacts in series at DC-23A, 20 V       3         Switching capacity (main contacts, general use)       30 A, Rated uninterrupted current max. (UL/CSA)         Switching capacity (auxiliary contacts, general use)       600 (UL/CSA)	Uninterrupted current	Rated uninterrupted current lu is specified for max. cross-section.
Rated short-time withstand current (Icw)       640 A, Contacts, 1 second         Short-circuit current rating (basic rating)       5kA, SCCR (UL/CSA)         Short-circuit current rating (high fault)       50 A, Class J, max. Fuse, SCCR (UL/CSA)         Short-circuit protection rating       50 A, GC/gL, Fuse, Contacts         Short-circuit protection rating       50 A gG/gL, Fuse, Contacts         Switching capacity       50 A gG/gL, Fuse, Contacts         Load rating       16 k l# (with intermittent operation class 12, 20 % duty factor)         Number of contacts in series at DC-23A, 24 V       1         Number of contacts in series at DC-23A, 24 V       1         Number of contacts in series at DC-23A, 24 V       1         Number of contacts in series at DC-23A, 24 V       1         Number of contacts in series at DC-23A, 24 V       1         Number of contacts in series at DC-23A, 24 V       1         Number of contacts in series at DC-23A, 24 V       1         Number of contacts in series at DC-23A, 24 V       1         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)       30 A, Rated uninterrupted current max. (UL/CSA)         Switching capacity (auxiliary contacts, general use)       10A, IU, (UL/CSA)	Short-circuit rating	
Short-circuit current rating (high fault)       0.64 kA         Short-circuit current rating (high fault)       5 kA, 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)         Switching capacity       50 A gG/gL, Fuse, Contacts         Load rating       1.6 x l# (with intermittent operation class 12, 40 % duty factor)         Number of contacts in series at DC-23A, 24 V       1.6 x l# (with intermittent operation class 12, 60 % duty factor)         Number of contacts in series at DC-23A, 48 V       2         Number of contacts in series at DC-23A, 24 V       2         Number of contacts in series at DC-23A, 24 V       30 A, Rated uninterrupted current max. (UL/CSA)         Switching capacity (main contacts, general use)       30 A, Rated uninterrupted current max. (UL/CSA)         Switching capacity (auxiliary contacts, peneral use)       10A, IU, (UL/CSA)	Rated conditional short-circuit current (Iq)	80 kA
In the second	Rated short-time withstand current (Icw)	
Short-circuit protection rating10 kA, SCCR (UL/CSA)Switching capacity50 A gG/gL, Fuse, ContactsLoad rating1.6 x I # (with intermittent operation class 12, 40 % duty factor) 2 x I# (with intermittent operation class 12, 25 % duty factor) 1.3 x I# (with intermittent operation class 12, 25 % duty factor) 1.3 x I# (with intermittent operation class 12, 60 % duty factor) 2 x I# (with intermittent operation class 12, 60 % duty factor) 1.3 x I# (with intermittent operation class 12, 60 % duty factor) 1.3 x I# (with intermittent operation class 12, 60 % duty factor) 	Short-circuit current rating (basic rating)	
Switching capacityImage: Constant of Cons		10 kA, SCCR (UL/CSA)
Load rating1.6 x I# (with intermittent operation class 12, 40 % duty factor) 2 x I# (with intermittent operation class 12, 25 % duty factor) 1.3 x I# (with intermittent operation class 12, 60 % duty factor) 1.3 x I# (with intermittent operation class 12, 60 % duty factor) 1.3 x I# (with intermittent operation class 12, 60 % duty factor) 1.3 x I# (with intermittent operation class 12, 60 % duty factor) 2 x I# (with intermittent operation class 12, 60 % duty factor) 2 x I# (with intermittent operation class 12, 60 % duty factor) 2 x I# (with intermittent operation class 12, 60 % duty factor) 1.3 x I# (with intermittent operation class 12, 60 % duty factor)Number 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 V3Switching capacity (main contacts, general use)30 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)		50 A gG/gL, Fuse, Contacts
2 x I# (with intermittent operation class 12, 25 % duty factor) 1.3 x I# (with intermittent operation class 12, 50 % duty factor) 1.3 x I# (with intermittent operation class 12, 60 % 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 V3Number of contacts in series at DC-23A, 120 V3Switching capacity (main contacts, general use)30 A, Rated uninterrupted current max. (UL/CSA)Switching capacity (auxiliary contacts, general use)10A, IU, (UL/CSA)Switching capacity (auxiliary contacts, pilot duty)A6000 (UL/CSA)	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)30 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)	Load rating	2 x I# (with intermittent operation class 12, 25 % 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)30 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)	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)       30 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)	Number of contacts in series at DC-23A, 48 V	2
Switching capacity (main contacts, general use)       30 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)	Number of contacts in series at DC-23A, 60 V	2
Switching capacity (auxiliary contacts, general use)       10A, IU, (UL/CSA)         Switching capacity (auxiliary contacts, pilot duty)       A600 (UL/CSA)	Number of contacts in series at DC-23A, 120 V	3
Switching capacity (auxiliary contacts, pilot duty) A600 (UL/CSA)	Switching capacity (main contacts, general use)	30 A, Rated uninterrupted current max. (UL/CSA)
	Switching capacity (auxiliary contacts, general use)	10A, IU, (UL/CSA)
	Switching capacity (auxiliary contacts, pilot duty)	

Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)	320 A
Voltage per contact pair in series	60 V
Motor rating	
	1 HP
Assigned motor power at 115/120 V, 60 Hz, 1-phase	
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	7.5 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 determined, at 24 V DC, 10 mA)
Number of auxiliary contacts (change-over contacts)	0
Number of auxiliary contacts (normally closed contacts)	0
Number of auxiliary contacts (normally open contacts)	0
Actuator	
Actuator color	Black
Actuator type	Short thumb-grip
Design verification	
Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	1.8 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.
10.7 Internal electrical circuits and connections	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.
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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

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		Built-in device fixed built-in technique
Suitable for floor mounting		No
Suitable for front mounting 4-hole		Yes
Suitable for front mounting centre		No
Suitable for distribution board installation		No
Suitable for intermediate mounting		No
Colour control element		Black
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