Main switch, P3, 100 A, flush mounting, 3 pole, STOP function, With black rotary handle and locking ring, Lockable in the 0 (Off) position



Part no. P3-100/EA/SVB-SW 062603

Product name	Eaton Moeller® series P3 Main switch
Part no.	P3-100/EA/SVB-SW
EAN	4015080626039
Product Length/Depth	130 millimetre
Product height	90 millimetre
Product width	90 millimetre
Product weight	0.427 kilogram
Certifications	CSA File No.: 012528  UL Category Control No.: NLRV  CSA-C22.2 No. 94  CSA C38 No.: 3211-05  CSA-C22.2 No. 60947-4-1-14  CSA  UL  IEC/EN 60204  UL 60947-4-1  VDE 0660  UL File No.: E36332  CE  IEC/EN 60947  IEC/EN 60947-3  CSA  UL
Product Tradename	P3
Product Type	Main switch
Product Sub Type	None
Catalog Notes	Rated Short-time Withstand Current (Icw) for a time of 1 second
eatures & Functions	
Features	Version as maintenance-/service switch Version as main switch
Fitted with:	Black rotary handle and locking ring
Functions	Interlockable STOP function
Locking facility	Lockable in the 0 (Off) position
Number of poles	3
eneral information	
Accessories	Auxiliary contact or neutral conductor fitted by user.
Degree of protection	NEMA 12
Degree of protection (front side)	IP65
Lifespan, mechanical	100,000 Operations
Mounting method	Flush mounting
Mounting position	As required
Operating frequency	1200 Operations/h
Overvoltage category	III
Pollution degree	3
Rated impulse withstand voltage (Uimp)	6000 V AC
Safe isolation	440 V AC, Between the contacts, According to EN 61140
Safety parameter (EN ISO 13849-1)	B10d values as per EN ISO 13849-1, table C.1
Shock resistance	15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 m
Suitable for	Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting 4-hole
limatic 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	-23 ℃ 40 °C
Climatic proofing	Damp heat, constant, to IEC 60068-2-78
	Damp heat, cyclic, to IEC 60068-2-70
Terminal capacities	
Terminal capacity	2 x (1.5 - 6) mm², flexible with ferrules to DIN 46228 1 x (2.5 - 35) mm², solid or stranded 14 - 2 AWG, solid or flexible with ferrule 1 x (1.5 - 25) mm², flexible with ferrules to DIN 46228 2 x (2.5 - 10) mm², solid or stranded
Screw size	M5, Terminal screw
Tightening torque	26.5 lb-in, Screw terminals 3 Nm, Screw terminals
Electrical rating	
Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3)	760 A
Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3)	740 A
Rated breaking capacity at 500 V (cos phi to IEC 60947-3)	880 A
Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)	520 A
Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V	71 A
Rated operational current (le) at AC-3, 380 V, 400 V, 415 V	71 A
Rated operational current (Ie) at AC-3, 500 V	65 A
Rated operational current (Ie) at AC-3, 660 V, 690 V	23.8 A
Rated operational current (Ie) at AC-21, 440 V	100 A
Rated operational current (le) at AC-23A, 230 V	100 A
Rated operational current (Ie) at AC-23A, 400 V, 415 V	100 A
Rated operational current (Ie) at AC-23A, 500 V	96 A
Rated operational current (le) at AC-23A, 690 V	68 A
Rated operational current (Ie) at DC-1, load-break switches I/r = 1 ms	100 A
Rated operational current (Ie) at DC-23A, 24 V	50 A
Rated operational current (Ie) at DC-23A, 48 V	50 A
Rated operational current (Ie) at DC-23A, 60 V	50 A
Rated operational current (le) at DC-23A, 120 V	25 A
Rated operational power at AC-3, 380/400 V, 50 Hz	37 kW
Rated operational power at AC-3, 415 V, 50 Hz	37 kW
Rated operational power at AC-3, 413 V, 30 Hz	37 kW
Rated operational power at AC-23A, 220/230 V, 50 Hz	30 kW
Rated operational power at AC-23A, 400 V, 50 Hz	55 kW
Rated operational power at AC-23A, 500 V, 50 Hz	55 kW
Rated operational power at AC-23A, 690 V, 50 Hz	55 kW
Rated operational voltage (Ue) at AC - max	690 V
Rated uninterrupted current (Iu)	100 A
Uninterrupted current	Rated uninterrupted current lu is specified for max. cross-section.
Short-circuit rating	
Rated conditional short-circuit current (Iq)	4 kA (Load side) 80 kA (Supply side)
Rated short-time withstand current (Icw)	2 kA
Short-circuit current rating (basic rating)	10 kA, SCCR (UL/CSA) 150A, max. Fuse, SCCR (UL/CSA)
Short-circuit protection rating	100 A gG/gL, Fuse, Contacts
Switching capacity	
Load rating	1.6 x l# (with intermittent operation class 12, 40 % duty factor) 2 x l# (with intermittent operation class 12, 25 % duty factor) 1.3 x l# (with intermittent operation class 12, 60 % duty factor)
Number of contacts in series at DC-23A, 24 V	1
Number of contacts in series at DC-23A, 48 V	2
Number of contacts in series at DC-23A, 60 V	2
Number of contacts in series at DC-23A, 120 V	3
Switching capacity (main contacts, general use)	100 A, If used with neutral conductor IU = max. 90 A, Rated uninterrupted current max. (UL/CSA)

Southing capacity up to 680 Y cosp bit ot DCCPU 6847-0]  Fasted making capacity up to 680 Y cosp bit ot DCCPU 6847-0]  Assigned mator process at 15728 Y, 60 Hz, 1-place  Assigned mator process at 15728 Y, 60 Hz, 1-place  Assigned mator process at 15728 Y, 60 Hz, 1-place  Assigned mator process at 20028 Y, 91 Hz, 1-place  Assigned mator process at 20028 Y, 91 Hz, 1-place  Assigned mator process at 20028 Y, 91 Hz, 1-place  Assigned mator process at 20028 Y, 91 Hz, 1-place  Assigned mator process at 20028 Y, 91 Hz, 2-place  Assigned mator process at 20028 Y, 91 Hz	Switching capacity (auxiliary contacts, general use)	10A, IU, (UL/CSA)
Hand making a caserily with to 160 V (case pile to 16C/16 (6947-3))  Whoter ratios  Assigned matter power at 115/12 V (cil Hx.1 pileane Assigned matter power at 115/12 V (cil Hx.1 pileane Assigned matter power at 115/12 V (cil Hx.1 pileane Assigned matter power at 115/12 V (cil Hx.1 pileane Assigned matter power at 2002/00 V (cil Hx.2 pileane Assig		
Walsage ner contact pair in series  Whoter catting  Assigned mittor gover at 119/120 V, 00 Hz, 1-phase Assigned mittor gover at 2002/00 V, 10 Hz, 1-phase Assigned mittor gover at 2002/00 V, 10 Hz, 1-phase Assigned mittor gover at 2002/00 V, 10 Hz, 1-phase Assigned mittor gover at 2002/00 V, 10 Hz, 1-phase Assigned mittor gover at 2009/00 V, 10 Hz, 1-phase Assigned mittor gover at 2009/00 V, 10 Hz, 1-phase Assigned mittor gover at 2009/00 V, 10 Hz, 1-phase Assigned mittor gover at 2009/00 V, 10 Hz, 1-phase Assigned mittor gover at 400-90 V, 10 Hz, 1-phase Assigned mittor gover at 400-90 V, 10 Hz, 1-phase Assigned mittor gover at 400-90 V, 10 Hz, 1-phase Assigned mittor gover at 400-90 V, 10 Hz, 1-phase Assigned mittor gover at 400-90 V, 10 Hz, 1-phase Assigned mittor gover at 400-90 V, 10 Hz, 1-phase Assigned mittor gover at 400-90 V, 10 Hz, 1-phase Assigned mittor gover at 400-90 V, 10 Hz, 1-phase Assigned mittor gover at 400-90 V, 10 Hz, 1-phase Assigned mittor gover at 400-90 V, 10 Hz, 1-phase Assigned mittor gover at 400-90 V, 10 Hz, 1-phase Assigned mittor gover at 400-90 V, 10 Hz, 1-phase Activator  Designed assigned control for governed f		P600 (UL/CSA)
Assigned motor power at 118/120 V, SR No. 1-phase Assigned motor power at 2002/08 V, SR No. 1-phase Assigned motor power at 2002/08 V, SR No. 1-phase Assigned motor power at 2002/08 V, SR No. 1-phase Assigned motor power at 2002/08 V, SR No. 1-phase Assigned motor power at 2002/08 V, SR No. 1-phase Assigned motor power at 2002/08 V, SR No. 1-phase Assigned motor power at 2002/08 V, SR No. 1-phase Assigned motor power at 2002/08 V, SR No. 1-phase Assigned motor power at 4004/08 V, SR No. 1-phase at 4004/08 V, SR No. 1-phase Assigned motor power at 4004/08 V, SR No. 1-phase at 4004/08 V, SR No. 1-phase at 4004/08 V, SR No. 1-phase at 4004/0	Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)	950 A
Assigned motor power at 119/120 V, 50 Hz, 1-phase 10HP Assigned motor power at 2000/30 V, 50 Hz, 1-phase 20HP Assigned motor power at 2000/30 V, 50 Hz, 2-phase 20HP Assigned motor power at 2000/30 V, 50 Hz, 2-phase 20HP Assigned motor power at 2000/30 V, 50 Hz, 2-phase 20HP Assigned motor power at 2000/30 V, 50 Hz, 2-phase 20HP Assigned motor power at 400/30 V, 50 Hz, 2-phase 20HZ, 50 Hz, 2-ph	Voltage per contact pair in series	60 V
Assigned motor power at 200/200 V. 50 Pt. 1-phase Assigned motor power at 200/200 V. 50 Pt. 2, phase Assigned motor power at 200/200 V. 50 Pt. 2, phase Assigned motor power at 200/200 V. 50 Pt. 3, phase Assigned motor power at 200/200 V. 50 Pt. 3, phase Assigned motor power at 200/200 V. 50 Pt. 3, phase Assigned motor power at 200/200 V. 50 Pt. 3, phase ON PP Assigned motor power at 200/200 V. 50 Pt. 3, phase Contacts  Contract cricial mislability  Include of auxiliary contacts increasily object contacts  Number of auxiliary contacts increasily object contacts  Actuators  Actuators  Actuators  Bilack  Actuator type Door coupling rotary drive  Door coupling rotary drive  Design verification  Equipment heat dissipation, one carrier depandent Pvid  OV  Heat dissipation page polic, current-depandent Pvid  Heat dissipation page polic, current depandent Pvid  Petal dissipation page polic, current depandent Pvid  Heat dissipation page polic, current depandent Pvid  Petal dissipation of the rmail stability of each contacts  Notes the product standard's requirements.  Virtual calculation of the rmail stability of each contacts  Notes the product standard's requirements.  Virtual calculation of the rmail stability of each contacts  Notes the product standard's requirements.  Virtual calculation of the rmail stability of each contacts  Notes the product standard's requirements.  Virtual calculation of the rmail stability of each contact standard in requirements.  Virtual calculation of the rmail stability of each contact standard in requirements.  Virtual calculation of the rmail stability of each contact standard in requirements.  Virtual calculation of the rmail stability of each contact standard in requirements.  Virtual calculation of the rmail stability of each contact standard in requirements	Motor rating	
Assigned motor power at 2002/08 V. 60 Hz, 3 phase Assigned motor power at 2002/08 V. 60 Hz, 1 phase Assigned motor power at 2002/08 V. 60 Hz, 1 phase Assigned motor power at 2002/08 V. 60 Hz, 3 phase Assigned motor power at 4004/40 V. 60 Hz, 3 phase Assigned motor power at 5706/00 V. 60 Hz, 3 phase Assigned motor power at 5706/00 V. 60 Hz, 3 phase Assigned motor power at 5706/00 V. 60 Hz, 3 phase Contracts  Control circuit reliability  Number of auxiliary contacts (change-aver contacts)  Number of auxili	Assigned motor power at 115/120 V, 60 Hz, 1-phase	5 HP
Assigned motor power at 220/20 V, 50 Hz, 1-shase Assigned motor power at 220/20 V, 50 Hz, 3-shase 29 HP Assigned motor power at 50/50 V, 50 Hz, 3-shase 90 HP Assigned motor power at 50/50 V, 50 Hz, 3-shase 75 HP Contracts  Control circuit reliability Multiple per 100,000 switching operations statistically determined, at 24 V OC, 10 mAl Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (promally open contacts)  Actuator  Actuator  Black Actuator color Actuator vive  Besign verification  Esquipment bad dissipation, current-dependent Pvid Heat dissipation, current-dependent Pvid Heat dissipation per pole, current-dependent Pvid Heat dissipation non-current dependent Pvid Heat dissipation non-current for specified heat dissipation (in) 100 A State heat dissipation, non-current dependent Pvid Heat dissipation non-current for specified heat dissipation (in) 102.2 Composin resistance Meets the product standard's requirements. 102.31 Verification of insmiss tability of enclosures Meets the product standard's requirements. 102.32 Verification of resistance of insulating materials to normal heat 102.32 Meets disposition control auxiliary materials to normal heat 102.33 Degree of protection of assemblies 103.0 Degree of protection of assemblies 104.0 Desre not apply, since the entire switchger needs to be evaluated. 105.2 Frencetion against electric shock Meets the product standard's requirements. 103.10 Degree of protection of assemblies 104.0 Desne not apply, since the entire switchger needs to be evaluated. 105.6 Protection against electric shock Meets the product standard's requirements. 105.6 Protection against electric shock 105.7 Internate electrical circuits and connections	Assigned motor power at 200/208 V, 60 Hz, 1-phase	10 HP
Assigned motor power at 200/240 V, 50 Hz, 3-phase Assigned motor power at 400/240 V, 50 Hz, 3-phase Assigned motor power at 400/240 V, 50 Hz, 3-phase Assigned motor power at 400/240 V, 50 Hz, 3-phase Assigned motor power at 575/600 V, 60 Hz, 3-phase  Contracts  Coerrol circuit reliability Number of auxiliary contacts (change over contacts) Number of auxiliary contacts (change over contacts) Number of auxiliary contacts (change over contacts) Number of auxiliary contacts (normally closed contacts) Number of auxiliary contacts (no	Assigned motor power at 200/208 V, 60 Hz, 3-phase	20 HP
Assigned motor power at \$95,900 V, 60 Hz, 3-phase  Assigned motor power at \$95,900 V, 60 Hz, 3-phase  Control Circuit reliability  Number of auxiliary contacts (change over contacts)  Number of auxiliary contacts (change over contacts)  Number of auxiliary contacts (change over contacts)  Actuator color  Actuator color  Actuator vpp  Design verification  Equipment heat dissipation, current-dependent Prid  Heat dissipation, capacity Pridis  Face dispersion, current-dependent Prid  Heat dissipation paper by the service of the s	Assigned motor power at 230/240 V, 60 Hz, 1-phase	15 HP
Assigned motor power of \$75500 V, 60 Hz, 3-phase  Control circuit reliability  I failure per 100,000 ewitching operations statistically determined, at 24 V DC, 10 mA)  Number of auxolary centrales (change-over contacts)  Actuator  Actuator  Actuator  Black  Actuator type  Design verification  Equipment heat dissipation, current-dependent Pvid  But of adsignation capacity Pdias  Heat dissipation capacity Pdias  Number of auxolary central dependent Pvid  Ratid operational current for specified heat dissipation (In)  100 A  100	Assigned motor power at 230/240 V, 60 Hz, 3-phase	25 HP
Control circuit reliability  I failure per 100,000 ewitching operations statistically determined, at 24 V.D., 10 mAI failure per 100,000 ewitching operations statistically determined, at 24 V.D., 10 mAI failure per 100,000 ewitching operations statistically determined, at 24 V.D., 10 mAI failure per 100,000 ewitching operations statistically determined, at 24 V.D., 10 mAI failure per 100,000 ewitching operations statistically determined, at 24 V.D., 10 mAI failure per 100,000 ewitching operations statistically determined, at 24 V.D., 10 mAI failure per 100,000 ewitching operations statistically determined, at 24 V.D., 10 mAI failure per 100,000 ewitching operations statistically determined, at 24 V.D., 10 mAI failure per 100,000 ewitching operations statistically determined, at 24 V.D., 10 mAI failure per 100,000 ewitching operations statistically determined, at 24 V.D., 10 mAI failure per 100,000 ewitching operations statistically determined.  Pagingment head dissipation, current-dependent P.V.d.  Head dissipation capacity P.d.s.  Head dissipation capacity P.d.s.  Read dissipation current-dependent P.V.d.  Statisched dissipation, non-current-dependent P.V.d.  Sta	Assigned motor power at 460/480 V, 60 Hz, 3-phase	60 HP
Corrol circuit reliability  I failure per 100,000 switching operations statistically determined, at 24 V D., 10 nn.)  Number of auxiliary contacts (change-neer contacts)  O Number of auxiliary contacts (normally closed contacts)  O Number of auxiliary contacts (normally closed contacts)  Actuator  Actuator  Actuator type  Design verificaction  Equipment heat dissipation, current-dependent Pvid  Heat dissipation capacity Pdias  O W  Heat dissipation per pole, current-dependent Pvid  Rated personational current for specified heat dissipation (in)  Static heat dissipation, non-current-dependent Pvid  Place of the product standard's requirements.  102.3 Verification of resistance of insulating materials to normal heat  102.3.2 Verification, on-current-dependent Pvid  102.2 Corrosion resistance  Meats the product standard's requirements.  102.3.2 Verification of resistance of insulating materials to normal heat  102.3.3 Resist, of insul. mat to athonomal heat/fire by internal elect. effects  102.3 Verification of resistance of insulating materials to normal heat  102.5 Ulting  Does not apply, since the entire switchgear needs to be evaluated.  102.5 Ulting  Does not apply, since the entire switchgear needs to be evaluated.  102.5 Ulting  Does not apply, since the entire switchgear needs to be evaluated.  103.0 Egree of protection of assemblies  Does not apply, since the entire switchgear needs to be evaluated.  104.0 Clearances and creepage distances  Meats the product standard's requirements.  105.5 Protection against electric about  106.1 Clearances and creepage distances  Meats the product standard's requirements.  107.5 Protection against electric about  108.1 Clearances and creepage distances  Meats the product standard's requirements.  109.5 Protection against electric about  109.6 Clearances and creepage distances  Meats the product standard's requirements.  109.6 Protection of swetching devices and components  109.6 Protection against electric about  109.8 Testing of encolorares made of insuliaring material	Assigned motor power at 575/600 V, 60 Hz, 3-phase	75 HP
Number of auxiliary contacts (change-over contacts)  Number of auxiliary contacts (normally closed contacts)  Number of auxiliary contacts (normally open contacts)  Actuator  Actuator over Design verification  Equipment heat dissipation, current-dependent Pvid  Heat dissipation ep pole, current-dependent Pvid  Rated operational current for specified heat dissipation (normally open current-dependent Pvid  Rated operational current for specified heat dissipation (normally open current-dependent Pvid  Rated operational current for specified heat dissipation (normally open current-dependent Pvid  Rated operational current for specified heat dissipation (normally open current-dependent Pvid  Rated operational current for specified heat dissipation (normally open current-dependent Pvid  Rated operational current for specified heat dissipation (nin)  Rated operations of resistance of insulating material elect effects  Rest the product standard's requirements.  Rest the product standard's	Contacts	
Number of audiary contacts (normally closed contacts)  Number of audiary contacts (normally open contacts)  Actuator of Actuator color  Actuator type  Design verification  Equipment heat dissipation, current-dependent Pvid  Heat dissipation capacity Pdiss  Rated operational current for specified heat dissipation for every fine the dissipation of the dis	Control circuit reliability	
Number of auxiliary contacts (normally open contacts)  Actuator  Actuator color Actuator cylor Design verification  Equipment heat dissipation, current-dependent Pvid Heat dissipation apacity Pdiss Heat dissipation per pole, current-dependent Pvid Heat dissipation per pole, current-dependent Pvid Actuator tylor Betalor parabola current for specified heat dissipation (III) Static heat dissipation per pole, current-dependent Pvid Actuator tylor Heat dissipation per pole, current-dependent Pvid Actuator tylor Heat dissipation per pole, current-dependent Pvid Actuator tylor Heat dissipation non-current dependent Pvid Actuator tylor Heat dissipation on consecuration of the dissipation (III) Static heat dissipation, non-current dependent Pvis  10.2.2 Torrision resistance  10.2.3.1 Verification of thermal stability of enclosures  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.3 Resist, of insul. mat. to abnormal heat/fire by internal elect. effects  10.2.4 Resistance to ultra-violet (IVI) radiation  10.2.5 Lifting Does not apply, since the entire switchgear needs to be ovaluated.  10.2.5 Interportation of assemblies Does not apply, since the entire switchgear needs to be ovaluated.  10.2.6 Mechanical impact  10.3 Portection against electric shock Does not apply, since the entire switchgear needs to be ovaluated.  10.4 Internal electrical circuits and connections  10.5 Protection against electric shock Does not apply, since the entire switchgear needs to be ovaluated.  10.6 Incorporation of switching devices and components Does not apply, since the entire switchgear needs to be ovaluated.  10.6 Incorporation of switching devices and components Does not apply, since the entire switchgear needs to be ovaluated.  10.6 Incorporation of switching devices and components Does not apply, since the entire switchgear needs to be ovaluated.  10.6 Incorporation of switching devices and components Does not apply, since th	Number of auxiliary contacts (change-over contacts)	0
Actuator color Actuator yepe  Design verification  Equipment heat dissipation, current-dependent Pvid  Heat dissipation per pole, current-dependent Pvid  Heat dissipation per pole, current-dependent Pvid  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvid  Rated operational current for specified heat dissipation (In)  100 A  Static heat dissipation, non-current-dependent Pvid  Rated operational current for specified heat dissipation (In)  102.2 Gorosion resistance  Meets the product standard's requirements.  102.2.1 Verification of thermal stability of enclosures  Meets the product standard's requirements.  102.2.2 Verification of resistance and insulating materials to normal heat  102.3.2 Verification of resistance on ultra-violet (UV) radiation  102.4 Resistance to ultra-violet (UV) radiation  102.5 Ufficial product standard's requirements.  102.5 Ufficial product standard's requirements.  102.6 Mechanical impact  102.6 Mechanical impact  102.7 Inscriptions  Meets the product standard's requirements.  103.0 operation of assemblies  104.0 Clearances and creepage distances  Meets the product standard's requirements.  105.1 Protection against electric shock  106.1 Inscription of switching devices and components  107.1 Inscription of switching devices and components  108.6 Incorporation of switching devices and components  108.6 Incorporation of switching devices and components  109.8 Connoctions for external conductors  109.8 Longer-frequency electric strength  109.8 Connoctions for external conductors  109.9 Inscriptions  109.4 Power-frequency electric strength  109.5 Inscription of switching devices and components  109.6 Inscription of switching devices and components  109.7 Inscription of switching devices and components  109.8 Connoctions for external conductors  109.8 Connoctions for external conductors  109.8 Connoctions for external conductors  109.9 Inscription of switching devices and components  109.9 Inscription of switching devices and c	Number of auxiliary contacts (normally closed contacts)	0
Actuator color Actuator type  Dosign prefification  Equipment heat dissipation, current-dependent Pvid  Pleat dissipation per pole, current-dependent Pvid  Rated operational current for specified heat dissipation (In)  Static heat dissipation nor prole, current-dependent Pvid  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvid  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvid  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvid  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvid  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvid  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvid  OV  Static heat dissipation, non-current-dependent Pvid  Meets the product standard's requirements.  Meets the product standard's requirements.  Meets the product standard's requirements.  Does not apply, since the entire switchgear needs to be evaluated.  10.2.1 Macriptions  Meets the product standard's requirements.  Meets the product standard's requirements.  Meets the product standard's requirements.  Does not apply, since the entire switchgear needs to be evaluated.  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.  Does not apply, since the entire switchgear needs to be evaluated.  10.5 Incorporation of switching devices and components  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.  10.1 Remail electrical iccruits and connections  Is the panel builder's responsibility	Number of auxiliary contacts (normally open contacts)	0
Design verification  Equipment heat dissipation, current-dependent Pvid Heat dissipation apacity Péles OW Heat dissipation per pole, current-dependent Pvid Rated operational current for specified heat dissipation (in) Static heat dissipation, non-current-dependent Pvid Rated operational current for specified heat dissipation (in) 10.2.1 Verification of thermal stability of enclosures 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 a dinormal 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. 10.2.2 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. 10.9 Protection against electric shock Does not apply, since the entire switchgear needs to be evaluated. 10.4 Clearances and creepage distances Meets the product standard's requirements. 10.9 Protection against electric shock Does not apply, since the entire switchgear needs to be evaluated. 10.1 Internal electrical circuits and connections Is the panel builder's responsibility, 10.3 Internal electrical circuits and connections Is the panel builder's responsibility, 10.4 Clearances made of insulating material Is the panel builder's responsibility, 10.5 Protection against electric strength Is the panel builder's responsibility, 10.6 The devices meets the requirements provided the information in the instruction observed. 10.11 Short-circuit rating 10.13 Mechanical function 10.13 Mechanical function 10.13 Mechanical functi	Actuator	
Design verification  Equipment heat dissipation, current-dependent Pvid 0W  Heat dissipation capacity Pdiss 0W  Heat dissipation per pole, current-dependent Pvid 2.5 W  Rated operational current for specified heat dissipation (In) 100 A  Static heat dissipation, non-current-dependent Pvis 0W  10.22 Corrosion resistance Meets the product standard's requirements.  10.23.1 Verification of thermal stability of enclosures Meets the product standard's requirements.  10.23.2 Verification of resistance of insulating materials to normal heat  10.23.2 Verification of resistance to ultra-violet (UV) radiation  10.24 Resistance to ultra-violet (UV) radiation Uv resistance of ultra-violet (UV) radiation  10.25 Lifting 0Does not apply, since the entire switchgear needs to be evaluated.  10.27 Inscriptions Meets the product standard's requirements.  10.3 Degree of protection of assemblies 0Does 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 0Does not apply, since the entire switchgear needs to be evaluated.  10.6 Incorporation of switching devices and components 0Does not apply, since the entire switchgear needs to be evaluated.  10.7 Internal electrical circuits and connections 1Does not apply, since the entire switchgear needs to be evaluated.  10.8 Connections for external conductors 1Does not apply, since the entire switchgear needs to be evaluated.  10.9 Power-frequency electric strength 1Does not apply, since the entire switchgear needs to be evaluated.  10.9 Power-frequency electric strength 1Does not apply, since the entire switchgear needs to be evaluated.  10.9 Power-frequency electric strength 1Does not apply, since the entire switchgear needs to be evaluated.  10.10 Temperature rise 1Does not apply, since the entire switchgear needs to be evaluated.  10.11 Floring apply since the entire switchgear needs to be evaluated.  10.12 Electromagnetic compability.  10.13 Meet an entire s	Actuator color	Black
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	10.13 Mechanical function	

## **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	y / Off-load s	witch, circuit breaker, control switch / Switch disconnector (ecl@ss13-27-37-14-03
[AKF060018])		
Version as main switch		Yes
Version as maintenance-/service switch		Yes
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	Α	100
Rated permanent current at AC-23, 400 V	Α	100
Rated permanent current at AC-21, 400 V	Α	100
Rated operation power at AC-3, 400 V	kW	37
Rated short-time withstand current lcw	kA	2
Rated operation power at AC-23, 400 V	kW	55
Switching power at 400 V	kW	55
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		Door coupling rotary drive
Interlockable		Yes
Type of electrical connection of main circuit		Screw connection
With pre-assembled cabling		No
Degree of protection (IP), front side		IP65
Degree of protection (NEMA)		12
Width	mm	90
Height	mm	90
Depth	mm	130
Width in number of modular spacings		