## DATASHEET - P1-25/EA/SVB

Main switch, P1, 25 A, flush mounting, 3 pole, Emergency switching off function, With red rotary handle and yellow locking ring, Lockable in the 0 (Off) position



	Part no.	P1-25/EA/SVB 041097	
	EL Number (Norway)	1456105	
General specifications			
Product name			Eaton Moeller® series P1 Main switch
Part no.			P1-25/EA/SVB
EAN			4015080410973
Product Length/Depth			119 millimetre
Product height			65 millimetre
Product width			65 millimetre
Product weight			0.19 kilogram
Certifications			CSA File No.: 012528 CE UL 60947-4-1 VDE 0660 UL UL Category Control No.: NLRV UL File No.: E36332 CSA-C22.2 No. 94 CSA-C22.2 No. 60947-4-1-14 IEC/EN 60947-3 IEC/EN 60204 CSA Class No.: 3211-05 CSA
Product Tradename			P1
Product Type			Main switch
Product Sub Type			None
Catalog Notes			Rated Short-time Withstand Current (Icw) for a time of 1 second
Features & Functions			
Features			Version as maintenance-/service switch Version as main switch Version as emergency stop installation
Fitted with:			Red rotary handle and yellow locking ring
Functions			Interlockable Emergency switching off function
Locking facility			Lockable in the 0 (Off) position
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			III.
Pollution degree			3
Rated impulse withstand vo	oltage (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			Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting 4-hole
<b>Climatic environmental</b>	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, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Terminal capacities	
Terminal capacity	14 - 8 AWG, solid or flexible with ferrule 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 1 x (1.5 - 6) mm <sup>2</sup> , solid or stranded 2 x (1 - 4) mm <sup>2</sup> , flexible with ferrules to DIN 46228
Screw size	M4, Terminal screw
Tightening torque	14.1 lb-in, Screw terminals 1.6 Nm, Screw terminals
Electrical rating	
Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3)	190 A
Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3)	150 A
Rated breaking capacity at 500 V (cos phi to IEC 60947-3)	170 A
Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)	150 A
Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V	19.6 A
Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	15.2 A
Rated operational current (Ie) at AC-3, 500 V	12.1 A
Rated operational current (Ie) at AC-3, 660 V, 690 V	8.8 A
Rated operational current (Ie) at AC-21, 440 V	25 A
Rated operational current (Ie) at AC-23A, 230 V	25 A
Rated operational current (Ie) at AC-23A, 400 V, 415 V	25 A
Rated operational current (Ie) at AC-23A, 500 V	17.4 A
Rated operational current (Ie) at AC-23A, 690 V	12.6 A
Rated operational current (Ie) at DC-1, load-break switches I/r = 1 ms	25 A
Rated operational current (Ie) at DC-23A, 24 V	25 A
Rated operational current (Ie) at DC-23A, 48 V	25 A
Rated operational current (Ie) at DC-23A, 60 V	25 A
Rated operational current (Ie) at DC-23A, 120 V	12 A
Rated operational power at AC-3, 380/400 V, 50 Hz	7.5 kW
Rated operational power at AC-3, 415 V, 50 Hz	7.5 kW
Rated operational power at AC-3, 500 V, 50 Hz	7.5 kW
Rated operational power at AC-3, 690 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, 400 V, 50 Hz	13 kW
Rated operational power at AC-23A, 500 V, 50 Hz	11 kW
Rated operational power at AC-23A, 690 V, 50 Hz	11 kW
Rated uninterrupted current (lu)	25 A
Uninterrupted current	Rated uninterrupted current lu is specified for max. cross-section.
Short-circuit rating	
Rated conditional short-circuit current (Iq)	80 kA
Rated short-time withstand current (Icw)	640 A, Contacts, 1 second
Short-circuit current rating (basic rating)	0.64 kA 5 kA, SCCR (UL/CSA)
Short-circuit current rating (high fault)	110A, max. Fuse, SCCR (UL/CSA) 50 A, Class J, max. Fuse, SCCR (UL/CSA)
Short-circuit protection rating	10 kA, SCCR (UL/CSA) 25 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

Assigned motor power at 115/120 V, 60 Hz, 1-phaseI HPAssigned motor power at 200/208 V, 60 Hz, 1-phase2 HPAssigned motor power at 200/208 V, 60 Hz, 1-phase3 HPAssigned motor power at 200/208 V, 60 Hz, 1-phase3 HPAssigned motor power at 200/208 V, 60 Hz, 1-phase5 HPAssigned motor power at 200/208 V, 60 Hz, 3-phase6 MPAssigned motor power at 200/208 V, 60 Hz, 3-phase6 MPAssigned motor power at 460/480 V, 60 Hz, 3-phase6 MPAssigned motor power at 575/600 V, 60 Hz, 3-phase6 MPContacts15 HPContacts1 failure per 100,000 switching operations statistically determined, at 24 V DC, 10 mA/Number of auxiliary contacts (change-over contacts)0Number of auxiliary contacts (normally closed contacts)0Number of auxiliary contacts (normally closed contacts)6 MeActuator colorMeActuator colorMeActuator colorMeActuator colorMeActuator power at 200/200 Switching operations detailMather of auxiliary contacts (normally open contacts)0Mather of auxiliary contacts (normally open contacts)MeMather of auxiliary contacts (normally open contacts)Me <t< th=""><th>Number of contacts in series at DC-23A, 120 V</th><th>3</th></t<>	Number of contacts in series at DC-23A, 120 V	3
Setting capach/ panels (room prive ratio (room pri	Switching capacity (main contacts, general use)	20 A, Rated uninterrupted current max. (UL/CSA)
Rest ensign excession with Wirk copy to ECM 6897-00         PROV (UCSA)           Water artisting         500         500           Assign during reserver 11171202 (SD Hz, 1-planes         600         511           Assign during reserver 1117202 (SD Hz, 1-planes         600         511           Assign during reserver 1117202 (SD Hz, 1-planes         600         511           Assign during reserver 1120202 (SD Hz, 1-planes         600         511           Assign during reserver 1120202 (SD Hz, 1-planes         600         511           Assign during reserver 1120202 (SD Hz, 1-planes         600         511           Assign during reserver 1120202 (SD Hz, 1-planes         600         511           Assign during reserver 1202002 (SD Hz, 1-planes         600         511           Assign during reserver 1202002 (SD Hz, 1-planes         600         600           Assign during reserver 1202002 (SD Hz, 1-planes         600         600           Number of anxibity contracts (brannelly coper contracts)         600         600           Number of anxibity contracts (brannelly coper contracts)         600         600           Number of anxibity contracts (brannelly coper contracts)         600         600           Assign during reserver during coper contracts)         600         600           Assign during reserve	Switching capacity (auxiliary contacts, general use)	10A, IU, (UL/CSA)
Based making capacity up to BOY Loog ph to BCED registry of Voteger control carine series         PAA           Wote rating Assigned motor yours at 100-200 (kp Hz, 1-bias)         PAA           Assigned motor yours at 200-200 (kp Hz, 1-bias)         PAA           Assigned motor yours at 200-200 (kp Hz, 1-bias)         PAA           Assigned motor yours at 200-200 (kp Hz, 1-bias)         PAA           Assigned motor yours at 200-200 (kp Hz, 1-bias)         PAA           Assigned motor yours at 200-200 (kp Hz, 1-bias)         PAA           Assigned motor yours at 200-200 (kp Hz, 1-bias)         PAA           Assigned motor yours at 200-200 (kp Hz, 1-bias)         PAA           Assigned motor yours at 200-200 (kp Hz, 1-bias)         PAA           Assigned motor yours at 200-200 (kp Hz, 1-bias)         PAA           Assigned motor yours at 200-200 (kp Hz, 1-bias)         PAA           Assigned motor yours at 200-200 (kp Hz, 1-bias)         PAA           Number of auxiliny contacts (hamago-our contacts)         PAA           Number of auxiliny contacts (hamago-our contacts)         PAA           Assigned motor yours at 200-200 (kp Hz, 1-bias)         PAA           Assigned motor yours at 200-200 (kp Hz, 1-bias)         PAA           Assigned motor yours at 200-200 (kp Hz, 1-bias)         PAA           Assigned motor yours at 200-200 (kp Hz, 1-bias)         PAA	Switching capacity (auxiliary contacts, pilot duty)	
Water and starts         Set of a		
Action rating     Image and conserver at 15120 V. 2019. Lyshue     Image and conserver at 20200 V	Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)	240 A
Assignet mutor power at 119/29 V, 80 Nr, 1-phase         149           Assignet mutor power at 2028 V 80 Nr, 1-phase         210           Assignet mutor power at 2028 V 80 Nr, 1-phase         310           Assignet mutor power at 2028 V 80 Nr, 1-phase         310           Assignet mutor power at 2028 V 80 Nr, 1-phase         110           Assignet mutor power at 2028 V 80 Nr, 1-phase         110           Assignet mutor power at 2028 V 80 Nr, 2-phase         110           Assignet mutor power at 2028 V 80 Nr, 2-phase         110           Assignet mutor power at 2028 V 80 Nr, 2-phase         110           Assignet mutor power at 2028 V 80 Nr, 2-phase         110           Control circle mutality         110           Mutcher of auxilary contracts (hamp-over cartracts)         0           Number of auxilary contracts (hamp-over cartracts)         0           Number of auxilary contracts (hamp-over cartracts)         0           Retator calor         Red           Actastor trafo         100           Retator calor         Red           Actastor trafo         100           Retator calor         101           Retator calor         100           Retator calor         100           Retator calor         100           Retator calor	Voltage per contact pair in series	60 V
Assigned motor power at 20020 V, 50 ht, 5 phase     9 P       Assigned motor gaver at 20020 V(X 50 ht, 5 phase     9 P       Assigned motor gaver at 20020 V(X 50 ht, 5 phase     9 P       Assigned motor gaver at 20020 V(X 50 ht, 5 phase     9 P       Assigned motor gaver at 20020 V(X 50 ht, 5 phase     10 P       Assigned motor gaver at 20020 V(X 50 ht, 5 phase     10 P       Assigned motor gaver at 20020 V(X 50 ht, 5 phase     10 P       Control circuit missibily     10 P       Number of auxily contact (formally close or contact)     0       Number of auxily contact (formally close or contact)     0       Number of auxily contact (formally close or contact)     0       Astaster color     0       Actuator torigo     0       Actuator torigo     0       Particitation     0	Motor rating	
Assigned motor power at 200208 VG 0Hz 3 phase     3 HP       Assigned motor power at 200208 VG 0Hz 4 phase     3 HP       Assigned motor power at 200208 VG 0Hz 3 phase     3 HP       Assigned motor power at 200208 VG 0Hz 3 phase     0 HP       Assigned motor power at 200208 VG 0Hz 3 phase     0 HP       Assigned motor power at 200208 VG 0Hz 3 phase     0 HP       Assigned motor power at 200208 VG 0Hz 3 phase     0 HP       Assigned motor power at 200208 VG 0Hz 3 phase     0 HP       Assigned motor power at 200208 VG 0Hz 3 phase     0 HP       Assigned motor power at 200208 VG 0Hz 3 phase     0 HP       Assigned motor power at 200208 VG 0Hz 3 phase     0 HP       Assigned motor power at 200208 VG 0Hz 3 phase     0 HP       Mumber of axaliny contacts (Instramably choot contacts)     0 H       Number of axaliny contacts (Instramably choot contacts)     0 H       Assigned phase     0 H       Assigned phase     0 HZ       Assigned motor power at 20020 HZ     0 HZ <td>Assigned motor power at 115/120 V, 60 Hz, 1-phase</td> <td>1 HP</td>	Assigned motor power at 115/120 V, 60 Hz, 1-phase	1 HP
Assigned mater power at 2302/40 K0 Hz, 1-phase         SHP           Assigned mater power at 2302/40 K0 Hz, 1-phase         SHP           Assigned mater power at 2302/40 K0 Hz, 1-phase         SHP           Assigned mater power at 2302/40 K0 Hz, 1-phase         SHP           Assigned mater power at 2302/40 K0 Hz, 1-phase         SHP           Control creat missing         SHP           Control creat missing         SHP           Control creat missing         SHP           Number at auxiling contracts (normally open contracts)         SHP           Actuator         SHP           Actuator type         SHP           Control creat missing         SHP           Actuator type         SHP           Control creat missing         SHP           Actuator type         SHP           Control creat missing         SHP           Actuator type         SHP           Design contring disperse         SHP           Partition control for compling rotary dive         SHP           Rest disponts no control for compling rotary dive         SHP           Rest disponts no control for compling rotary dive         SHP           Rest disponts no control for compling rotary dive         SHP           Rest disponts no control for compling rotary dive         <	Assigned motor power at 200/208 V, 60 Hz, 1-phase	2 HP
Assigned motor power at 2302/00 V, 80 Hz, 3-phase         5 HP           Assigned motor power at 2302/00 V, 80 Hz, 3-phase         10 HP           Assigned motor power at 257600 V, 80 Hz, 3-phase         10 HP           Assigned motor power at 257600 V, 80 Hz, 3-phase         10 HP           Control circuit reliability         1 halver per 100,00 swhething operations statistically determined, at 24 V D, 19 m3           Number of auxiliary contacts (change over contacts)         0           Number of auxiliary contacts (change over contacts)         0           Actuator orior         0           Actuator for         0           Design varification         8d           Exclusion course dependent Pvid         0 W           Head displation, current dependent Pvid         0 W           Head displation, current dependent Pvid         0 W           Head displation current dependent Pvid         0 W           Head displation on diverse with statistication on the at dissipation (h)         25 A           T022 Origon and the at dissipation (h)         Mest the product standard's requirements.           T022 Structic motif are statistication and the at dissipation (h)         Mest the product standard's requirements.           T022 Structic motif are statistic prime at the primate the primat the the primate the primate the prime at the pri	Assigned motor power at 200/208 V, 60 Hz, 3-phase	3 HP
Assigned motor power at SQNB0 V, SD HJ, 3-phase         IN P           Assigned motor power at SQNB0 V, SD HJ, 3-phase         IN P           Control circuit visuality         In HIP           Control circuit visuality         In HIP           Number of auxilary contacts (formally cosed contacts)         In HIP           Number of auxilary contacts (formally cosed contacts)         In HIP           Actuator         In HIP           Design verification         In HIP           Actuator control responder HPA         In HIP           Design verification         In HIP           Actuator control responder HPA         In HIP           In 23.1 Wrification of ressitance	Assigned motor power at 230/240 V, 60 Hz, 1-phase	3 HP
Assignation power at 373900 400 H2 3 phase Contacts Conta	Assigned motor power at 230/240 V, 60 Hz, 3-phase	5 HP
Contacts         Inlure per 10,000 sucching operations statistically determined, at 24 V DC, 10           Number of auxiliary contacts (change-over contacts)         0           Actuator         0           Actuator         8           Design verification         6           Explorement hist dissipation, current-dependent Pvid         0           Head dissipation, current-dependent Pvid         0           Head dissipation, current-dependent Pvid         0           Rade dissipation on creatistic of matuling materials to normal heat         0           Rade dissipation on creatistic on dissipation on themal shall heat/fire by internal elect. effects         0           Rade dissipation on creatistic on dissipation on themal shall heat/fire by internal elect. effects         0           Rade dissipation on terms to	Assigned motor power at 460/480 V, 60 Hz, 3-phase	10 HP
Control struct reliability         failure per 100,000 writching operations statistically determined, at 24 V DC, D           Number of auxiliary contacts (normally closed contacts)         0           Number of auxiliary contacts (normally closed contacts)         0           Actuator control         Red           Actuator color         Red           Actuator color         Red           Actuator topp         Door coupling relary drive           Design wriffication         W           Equipment heat dissipation, current dependent Pvid         0 W           React dissipation current dependent Pvid         0 W           React dissipation, current dependent Pvid         0 W           React dissipation, current dependent Pvid         0 W           React dissipation current for specified heat dissipation (1)         Stath heat dissipation, current dependent Pvid         0 W           102.2 Vorification         0 W         Stath heat dissipation (1)         Stath heat dissipation (1)         Stath heat dissipation (1)           102.3 Vorification of resistance of instating material stating vortents and dard's requirements.         0 W         1000           102.3 Vorification of resistance of instating material stating vortents and dard's requirements.         0 Stath head dissipation (1)         10 Stath head dissipation (1)         Stath head dissipation (1)         Stath head dissipation (1)	Assigned motor power at 575/600 V, 60 Hz, 3-phase	15 HP
nAb         nAb           Number of auxiliary contacts (harmally closed contacts)         0           Number of auxiliary contacts (harmally closed contacts)         0           Actuator         0           Actuator color         0           Actuator color         0           Actuator color         0           Actuator royo         0           Design verification         0           Exciptioner thest dissipation, current-dependent Pvid         0           Hest dissipation or pole, current-dependent Pvid         0           Nead dissipation or pole, current-dependent Pvid         0           Nead dissipation or pole, current-dependent Pvid         10           Nead dissipation, nor-current-dependent Pvid         0           Nead dissipation, nor-current-dependent Pvid         0           Notal Stability of enclosures         0           Notal Stability of e	Contacts	
Number of audilary contacts (normally code contacts)         Image: Provide audilary contacts (normally open contacts)           Actuator         Provide audilary contacts (normally open contacts)           Actuator color         Ref           Actuator color         Ref           Actuator type         Doe coupling retary divice           Design verification         Provide auditary contacts (normally open contacts)           Heat dissipation capacity Polds         W           Heat dissipation properties (normally open contacts)         W           Static bert dissipation (normally open contacts)         W           Display services (normally open contacts)         W           Heat dissipation (normally open contacts)         W           Band operational current for specified heat dissipation (In)         Static heat dissipation, normal heat           Dis2 Concosion contracts (normally open contacts)         Weets the product standard's requirements.           Dis2 Static for dissult and contections the static of thermal stability of enclosures         Weets the product standard's requirements.           Dis2 Advectations of thermal stability of enclosures         Weets the product standard's requirements.           Dis2 Advectations of thermal stability of enclosures         Meets the product standard's requirements.           Dis2 Advectations of thermal stability of enclosures         Meets the product standard's requirements. </td <td>Control circuit reliability</td> <td></td>	Control circuit reliability	
Number of auxiliary contacts formally open contacts)         Image: Contacts formally open contacts)         Image: Contacts formally open contacts)           Actuator         Contacts for advisory         Ref           Actuator type         Concouping rotary drive         Concouping rotary drive           Design verification         Concouping rotary drive         Concouping rotary drive           Read operational current-dependent Pvid         Concouping rotary drive         Concouping rotary drive           Nation has dissipation, concurrent-dependent Pvid         Concouping rotary drive         Concouping rotary drive           D2.2 Correston resistance         Concouping rotary drive         Concouping rotary drive           D2.3.1 Verification of terminal stability of encloarers         Concouping rotary drive         Concouping rotary drive           D2.3.2 Verification of terminal stability of encloarers         Concouping rotary drive         Concouping rotary drive           D2.3.2 Verification of terminal stability of encloarers         Concouping rotary drive         Concouping rotary drive           D2.3.3 Resistance to ultra-violat UV realiston         Meets the product standard's requirements.         Concouping rotary drive           D2.3.4 Resistance to ultra-violat UV realiston         Meets the product standard's requirements.         Concouping rotary drive enders.           D2.3.2 Verification of essembles         Concouping rotary drive end	Number of auxiliary contacts (change-over contacts)	0
Actuator         Red           Actuator color         Red           Actuator color         Red           Actuator type         Door coupling rotary drive           Design verification         DW           Red dissipation, current-dependent Pvid         DW           Heat dissipation per pole, current-dependent Pvid         DW           Read operational current for specified heat dissipation (In)         25 A           Static heat dissipation, current-dependent Pvid         DW           Read operational current for specified heat dissipation (In)         25 A           D2.2 Correson resistance         DW           Read operational current for specified heat dissipation (In)         26 Meets the product standard's requirements.           R02.2 Straich existance of insulating materials to normal heat         Meets the product standard's requirements.           R02.3 Straich feation of thermal stability of enclosures         Meets the product standard's requirements.           R02.3 Straich existance of insulating materials to normal heat (Fire by internal elect. effects         Weets the product standard's requirements.           R02.3 Straich existance of usuating materials to normal heat (Fire by internal elect. effects         Weets the product standard's requirements.           R02.4 Desistance on yin connection of southeap reeds to be avaluated.         Does not appy, since the entrice switchgear needs to be avaluated.     <	Number of auxiliary contacts (normally closed contacts)	0
Actuator color         Rel           Actuator type         Door coupling rotary drive           Design verification         Door coupling rotary drive           Equipment heat dissipation, current-dependent Pvid         W           Heat dissipation, per pole, current-dependent Pvid         W           Rated operational current for specified heat dissipation (in)         Static heat dissipation, on-current-dependent Pvid           102.21 Verification of tremal stability of enclosures         Weets the product standard's requirements.           102.23 Verification of resistance of insulating materials to normal heat         Weets the product standard's requirements.           102.23 Strict. drinsul. mat to abnormal heat/fire by internal elect. effects         Weets the product standard's requirements.           102.24 Merification of resistance of insulating materials to normal heat         Does not apply, since the entire switchger needs to be avaluated.           102.24 Merification of assemblies         Does not apply, since the entire switchger needs to be avaluated.           102.24 Merification against electric shock         Does not apply, since the entire switchger needs to be avaluated.           102.24 Merification against electric shock         Does not apply, since the entire switchger needs to be avaluated.           103.24 Merification against electric shock         Does not apply, since the entire switchger needs to be avaluated.           103.24 Merification against electric shock	Number of auxiliary contacts (normally open contacts)	0
Actuator type         Design verification           Design verification         0.00 coupling rolary drive           Equipment heat dissipation, current-dependent Pvid         0.W           Heat dissipation capacity Pdiss         0.W           Heat dissipation current-dependent Pvid         25.A           Static heat dissipation non-current-dependent Pvid         25.A           10.22 Corrosion resistance         0.W           10.23.1 Verification of terminal stability of enclosures         Meets the product standard's requirements.           10.23.2 Verification of resistance of insulating materials to normal heat         0.W           10.23.2 Verification of resistance of ultra-violet (UV) radiation         Weets the product standard's requirements.           10.24.2 String         UV rasistance only in connection with protective shield.           10.25.1 Uring         Does not apply, since the entire switchgear needs to be evaluated.           10.24. Resistance to ultra-violet (UV) radiation         Meets the product standard's requirements.           10.25.1 Uring         Does not apply, since the entire switchgear needs to be evaluated.           10.24. Resistance to ultra-violet (UV) radiation         Meets the product standard's requirements.           10.25.1 Uring         Does not apply, since the entire switchgear needs to be evaluated.           10.26.2 Power-frequency electric strength         Does not apply, since the	Actuator	
Design verification         Perification           Equipment heat dissipation, current-dependent Pvid         0 W           Heat dissipation capacity Pdiss         0 W           Rate dissipation capacity Pdiss         0 W           Rate dissipation, per pole, current-dependent Pvid         0 W           Rate dissipation, per pole, current-dependent Pvid         25 A           Static heat dissipation, nor-current-dependent Pvid         0 W           10.2.2 Corrosion resistance         0 W           10.2.2 Verification of transal stability of enclosures         Meets the product standard's requirements.           10.2.3.1 Verification of transal stability of enclosures         Meets the product standard's requirements.           10.2.2.2 Verification of resistance of insulating materials to normal heat         Meets the product standard's requirements.           10.2.3.1 Verification of assentive by internal elect. effects         Meets the product standard's requirements.           10.2.4 Resistance outrip in connection with protective shield.         Does not apply, since the entire switchgear needs to be evaluated.           10.2.5 Lifting         Does not apply, since the entire switchgear needs to be evaluated.           10.2.6 Meetanical impact         Does not apply, since the entire switchgear needs to be evaluated.           10.2.6 Meetanical impact         Does not apply, since the entire switchgear needs to be evaluated. <td< td=""><td>Actuator color</td><td>Red</td></td<>	Actuator color	Red
Equipment heat dissipation, current-dependent Pvid         0 W           Heat dissipation capacity Pdiss         0 W           Heat dissipation capacity Pdiss         0 W           Rated operational current dependent Pvid         25 A           Static heat dissipation, non-current-dependent Pvs         0 W           102.2 Corrosino resistance         0 W           102.2 Verification of thermal stability of enclosures         0 West the product standard's requirements.           102.2.3 Verification of resistance of insulating materials to normal heat         Meets the product standard's requirements.           102.2.3 Verification of resistance         West the product standard's requirements.           102.2.3 Verification of resistance of insulating materials to normal heat         Meets the product standard's requirements.           102.2.4 Verification of resistance         West the product standard's requirements.           102.5 Mechanical inpact         Does not apply, since the entire switchgear needs to be evaluated.           102.5 Mechanical inpact         Does not apply, since the entire switchgear needs to be evaluated.           102.6 Mechanical inpact         Does not apply, since the entire switchgear needs to be evaluated.           102.6 Mechanical inpact         Does not apply, since the entire switchgear needs to be evaluated.           102.6 Mechanical inpact         Does not apply, since the entire switchgear needs to be evaluated. </td <td>Actuator type</td> <td>Door coupling rotary drive</td>	Actuator type	Door coupling rotary drive
Heat dissipation capacity Pdiss       0         Heat dissipation prole, current-dependent Pvid       1.1 W         Rated oparational current for specified heat dissipation (In)       25 A         Static heat dissipation, non-current-dependent Pvs       0W         102.2 Corrosion resistance       0W         102.2.1 Verification of terminal stability of enclosures       0W         102.3.1 Verification of resistance of insulating materials to normal heat       Meets the product standard's requirements.         102.3.2 Verification of resistance of insulating materials to normal heat       0W         102.3.1 Verification of resistance of insulating materials to normal heat       0W resistance on in concertion with protective sheld.         102.4.2 Resistance to ultra-violet (UV) radiation       0W resistance on in concertion with protective sheld.         102.5 Lifting       Does not apply, since the entire switchgear needs to be evaluated.         102.5 Identify and the entire switchgear needs to be evaluated.       Does not apply, since the entire switchgear needs to be evaluated.         102.6 Identify against electric shock       Dees not apply, since the entire switchgear needs to be evaluated.         103.6 Represer and connections       Employ, since the entire switchgear needs to be evaluated.         104 Clearances and creepage distances       Dees not apply, since the entire switchgear needs to be evaluated.         104 Clearances and creepage distances	Design verification	
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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       Is the panel builder's responsibility.         10.11 Short-circuit rating       Is the panel builder's responsibility.         10.12 Electromagnetic compatibility       Is the panel builder's responsibility. The specifications for the switchgear must be observed.         10.13 Mechanical function       Image: State of the temperature intermation in the instruction	10.8 Connections for external conductors	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, provide the information in the instruction	10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
10.11 Short-circuit rating       Image: Compatibility of the sector of the	10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
10.12 Electromagnetic compatibility       Is the panel builder's responsibility. The specifications for the switchgear must be observed.         10.13 Mechanical function       Image: Compatibility observed in the instruction of the switchgear must be observed.	10.10 Temperature rise	
10.13 Mechanical function     The device meets the requirements, provided the information in the instruction	10.11 Short-circuit rating	
	10.12 Electromagnetic compatibility	
	10.13 Mechanical function	

## **Technical data ETIM 8.0**

Low-voltage industrial components (EG000017) / S	Switch disconnector (EC000216)
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Low-voltage industrial components (EG000017) / Switch disconnector (EC000216)		
Electric engineering, automation, process control engineering / Low-voltage switch techno [AKF060013])	ology / Off-load s	switch, circuit breaker, control switch / Switch disconnector (ecl@ss10.0.1-27-37-14-03
Version as main switch		Yes
Version as maintenance-/service switch		Yes
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	690 - 690
Rated permanent current lu	А	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	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		Red
Type of control element		Door coupling rotary drive
Interlockable		Yes
Type of electrical connection of main circuit		Screw connection
Degree of protection (IP), front side		IP65
Degree of protection (NEMA)		12