DATASHEET - T0-2-15679/I1/SVB



Main switch, 3 pole + 1 N/O, 20 A, Emergency-Stop function, 90 $^{\circ}$, Lockable in the 0 (Off) position, surface mounting



T0-2-15679/I1/SVB Part no. Catalog No. 207149

EL-Nummer (Norway)

0001457792

		Main switch maintenance switch Repair switch
		TO
		Emergency switching off function
		With red rotary handle and yellow locking ring
		3 pole
	N/0	1
	N/C	0
		Lockable in the 0 (Off) position
		IP65
		totally insulated
		surface mounting
		0 0 0 0 0 0 0 0 0
	0	90
		15679
		OFF O
Р	kW	5.5
Iu	Α	20
		Rated uninterrupted current $\mathbf{I}_{\mathbf{U}}$ is specified for max. cross-section.
	contact unit(s)	2
		P kW lu A

Technical data

General

Standards IEC/EN 60947, VDE 0660, IEC/EN 60204 Switch-disconnector according to IEC/EN 60947-3

### 1985	Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Describigate vilospecty following degree vilospecty following vilospecty for the control of the contro	Ambient temperature			
Bit of the policy with size of sections of the policy of the p	Enclosed		°C	-25 - +40
Monitorial shack resistance See " part of the proposition of the pro	Overvoltage category/pollution degree			III/3
Martinising position	Rated impulse withstand voltage	U _{imp}	V AC	6000
Contractical variables Very large of policies Very large of policies Spoils Auculiary contracts Wo 1 Recritati characteristics Wo 0 Read operational voltage Us XO 60 Read operational voltage Us XO 60 Note or rand siminarraped current fly Wo 20 80 Load orizing with interringent operation, class 17 Wo 2 2 A60 8 No F V XI 13 3 South orizing with interrupted current 1s current) V XI 13 A60 8 No F XI XI 13 South orizing with interrupted current 1s current) V XI 13 More on creat circuit current Y XI 13 South orizing with interrupted current 1s current) Y XI 13 More or circuit current Y XI 13 South orizing with interrupted current 1s current) Y XI 10 Read derivation current 1s current) Y XI	Mechanical shock resistance		g	15
Methonical vanishins	Mounting position			As required
Number of potes	Contacts			
Autoliary contacts				
Right of contraction functions of the manufacture of the contraction				3 pole
Binetrical characteristics	Auxiliary contacts			
Reted paralonal voltage				
Retail distincting used current of a minitering used current of the curr			N/C	0
Note on mated uninterrupted current 1			V 40	
Note on rated uninterrupted current 1g Ladd rating with intermittent operation, class 12		U _e		
Load rating with intermittent operation, class 12 x la 2 AB 80 % DF x la 18 AB 80 % DF x la 13 AB 80 % DF x la 13 AB 80 % DF x la 13 Short-circuit rating y man 12 Fluse A g6/gl. 20 Nated short-time withstand current (x v 200 Nate or sated short-time withstand current (x v 200 Nate or sated short-time withstand current (x v 200 Rated conditional short-circuit current 1	·	l _u	Α	
AB 25 % DF				Rated uninterrupted current $I_{\rm u}$ is specified for max. cross-section.
AB 40 % DF				
AB 80 % DF Short-circuit rating Fuse A gB/gL 20	AB 25 % DF		x l _e	2
Short-circuit rating Fuse	AB 40 % DF		x I _e	1.6
Fuse A g6/gL 20 Rated short-time withstand current (to current) Ion Arms 320 Nate on rated short-time withstand current (tow Iq Ax 6 Rated conditional short-circuit current Iq Ax 6 Switching capacity cos φ rated making capacity so per IEC 60947-3 A 130 228 V A 100 409/415 V A 10 500 V A A 80 689 V A B 0 501 Existing to EN 51140 B VAC 40 600 Current hear loss per contract at I _g VAC 40 B Current hear loss per contract at I _g VAC 40 B Maximum operating frequency Operations/s x 10 ^g > 0.4 AC-3 Rating, motor load switch P kW 3 220 V Star-delta P kW 5 400 V Star-delta P kW 5 400 V Star-delta P	AB 60 % DF		x I _e	1.3
Rated short-time withstand current (av current) I _{cw} A _{max} by Current for a time of 1 second Rated conditional short-curre current I _q kA 6 Switching capacity as per IEC 60947-3 A 130 Carrent bring capacity as per IEC 60947-3 A 100 230 V A A 100 400/415 V A 100 500 V A 60 500 V A 60 680 V A 60 Current hear loss per contact at I ₀ W 6 Current hear loss per contact at I ₀ (AC-15/20 V) VAC 40 Current hear loss per auxiliary circuit at I ₀ (AC-15/20 V) VAC 40 AC-3 100 8 AC-3 100 8 AC-3 100 8 AC-3 100 8 AC-3 100 100 AC-3 100 100 AC-3 100 100 AC-3 100 100 AC-3	Short-circuit rating			
Note on rated short-time withstand current lew Iq kA 6 Switching capacity Cos q rated making capacity as per IEC 60947-3 A 130 Rated brasiling capacity cos q to IEC 60947-3 A 100 400/415 V A 100 500 V A 80 690 V A 80 Safe isolation to EN 6140 V 400 between the contacts V 400 Current heat loss per contact at I _e V 400 Current heat loss per auxiliary circuit at I _e (AC-15/230 V) C 0 Lifespan, mechanical Operations V 1200 Maximum operating frequency Operations V 1200 AC-3 Rating, motor load switch P kW 220 V 230 V Star-delta P kW 5.5 400 V 415 V P kW 5.5 500 V Star-delta P kW 5.5 500 V Star-delta P kW 5.5 690 V Star-delta P kW <td>Fuse</td> <td></td> <td>A gG/gL</td> <td>20</td>	Fuse		A gG/gL	20
Rated conditional short-circuit current Iq	Rated short-time withstand current (1 s current)	I _{cw}	A_{rms}	320
Switching capacity Cos grated making capacity as per IEC 60947-3 A 130	Note on rated short-time withstand current lcw			Current for a time of 1 second
cos p rated making capacity as per IEC 60947-3 A A 230 V A 100 400/415 V A 100 500 V A 9 690 V A 60 Set isolation to EN 61140 V 400 Current heat loss per contact at I _e V 40 Current heat loss per auxiliary circuit at I _e (AC-15/230 V) C0 60 Lifespan, mechanical Operations 100 100 Maximum operating frequency Operations 120 100 AC-3 1200 100 100 Maximum operating frequency Operations 120 100 AC-3 1200 100 100 AC-3 1200 100 100 Rating, motor load switch P kW 5.5 200 V Star-delta P kW 5.5 400 V Star-delta P kW 5.5 500 V Star-delta P kW 5.5 600 V Star-delta P	Rated conditional short-circuit current	Iq	kA	6
Rated breaking capacity cos φ to IEC 60947-3 A 100 230 V A 100 400/415 V A 110 500 V A 80 690 V A 60 Safe isolation to EN 61140 VAC 440 between the contacts VAC 440 Current heat loss per contact at I _q V 0.6 Current heat loss per auxiliary circuit at I _q (AC-15/230 V) C0 0.6 Lifespan, mechanical Operations/r 1200 AC-3 1200 1200 AC-3 8ating, motor load switch P kW 3 220 V 230 V P kW 5.5 400 V 415 V P kW 5.5 400 V 5tar-delta P kW 5.5 500 V P kW 5.5 500 V Star-delta P kW 5.5 690 V Star-delta P kW 5.5 690 V Star-delta P kW 5.5 690 V St				
A 100 400/415 V				130
A00/415 V				
A B0				
Safe isolation to EN 61140				
Safe isolation to EN 61140 between the contacts Current heat loss per contact at I _e Current heat loss per auxiliary circuit at I _e (AC-15/230 V) Lifespan, mechanical Maximum operating frequency AC-3 Rating, motor load switch 220 V 230 V P kW 230 V Star-delta P kW 5.5 400 V 415 V P kW 5.5 500 V P kW 500 V F kW 600 V F kW 600 V F kW 600 V 600 V F kW 600 V 600 V 600 V F kW 600 V 600 V F kW 600 V 600 V 600 V F kW 600 V				
between the contacts V AC 440 Current heat loss per contact at I _e W 0.6 Current heat loss per auxiliary circuit at I _e (AC-15/230 V) CO 0.6 Lifespan, mechanical Operations / x 10 ⁶ > 0.4 Maximum operating frequency Operations / x 10 ⁶ > 1200 AC-3 Rating, motor load switch P kW 220 V 230 V P kW 3 230 V Star-delta P kW 5.5 400 V 415 V P kW 5.5 400 V Star-delta P kW 7.5 500 V P kW 7.5 500 V Star-delta P kW 7.5 690 V Star-delta P kW 4 690 V Star-delta P kW 5.5 Rated operational current motor load switch I _e A 11.5			А	60
Current heat loss per auxiliary circuit at I _e (AC-15/230 V) W 0.6 Lifespan, mechanical Operations x 10 ⁸ x 1			V AC	440
Current heat loss per auxiliary circuit at I _e (AC-15/230 V) CO 0.6 Lifespan, mechanical Operations x 10 ⁸ > 0.4 Maximum operating frequency Operations/h 1200 AC-3 Taking, motor load switch P kW 220 V 230 V P kW 3 230 V Star-delta P kW 5.5 400 V 415 V P kW 5.5 400 V Star-delta P kW 5.5 500 V P kW 7.5 500 V Star-delta P kW 5.5 690 V Star-delta P kW 5.5 690 V Star-delta P kW 5.5 Rated operational current motor load switch P kW 5.5 Rated operational current motor load switch I _e A 11.5				
Lifespan, mechanical Operations x 10 ⁶ > 0.4 Maximum operating frequency Operations/h 1200 AC Table 1 1200 AC-3 Rating, motor load switch P kW 220 V 230 V P kW 3 230 V Star-delta P kW 5.5 400 V 415 V P kW 5.5 400 V Star-delta P kW 5.5 500 V P kW 5.5 500 V Star-delta P kW 7.5 690 V 690 V Star-delta P kW 4 690 V Star-delta P kW 5.5 Rated operational current motor load switch P kW 5.5 Rated operational current motor load switch Ie A 11.5				
Maximum operating frequency Operations/h 1200 AC C C AC-3 F KW Rating, motor load switch P kW 220 V 230 V P kW 3 230 V Star-delta P kW 5.5 400 V Star-delta P kW 7.5 500 V P kW 7.5 500 V Star-delta P kW 7.5 690 V P kW 4 690 V Star-delta P kW 4 690 V Star-delta P kW 5.5 Rated operational current motor load switch P kW 5.5 Rated operational current motor load switch I _e A 11.5				
AC-3 Rating, motor load switch 220 V 230 V P kW 5.5 400 V 415 V P kW 5.5 400 V Star-delta P kW 7.5 500 V P kW 5.5 500 V Star-delta P kW 5.5 690 V Rated operational current motor load switch Rated operational current motor load switch 1 e A 11.5	Lifespan, mechanical		x 10 ⁶	> 0.4
AC-3 Rating, motor load switch P kW 220 V 230 V P kW 3 230 V Star-delta P kW 5.5 400 V 415 V P kW 5.5 400 V Star-delta P kW 7.5 500 V P kW 5.5 500 V Star-delta P kW 7.5 690 V P kW 4 690 V Star-delta P kW 5.5 Rated operational current motor load switch P kW 5.5 Rated operational current motor load switch I _e A 11.5		Operations/h		1200
Rating, motor load switch P kW 220 V 230 V P kW 3 230 V Star-delta P kW 5.5 400 V 415 V P kW 5.5 400 V Star-delta P kW 7.5 500 V P kW 5.5 500 V Star-delta P kW 4 690 V Star-delta P kW 5.5 Rated operational current motor load switch Ie A 11.5				
220 V 230 V P kW 5.5 400 V 415 V P kW 5.5 400 V Star-delta P kW 7.5 500 V P kW 5.5 500 V Star-delta P kW 7.5 690 V Star-delta P kW 7.5 Rated operational current motor load switch I _e A 11.5				
230 V Star-delta P kW 5.5 400 V 415 V P kW 5.5 400 V Star-delta P kW 7.5 500 V P kW 5.5 500 V Star-delta P kW 7.5 690 V P kW 4 690 V Star-delta P kW 5.5 Rated operational current motor load switch I _e A 11.5				
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500 V P kW 5.5 500 V Star-delta P kW 7.5 690 V P kW 4 690 V Star-delta P kW 5.5 Rated operational current motor load switch 230 V I _e A 11.5				
500 V Star-delta P kW 7.5 690 V P kW 4 690 V Star-delta P kW 5.5 Rated operational current motor load switch I _e A 11.5				
690 V P kW 4 690 V Star-delta P kW 5.5 Rated operational current motor load switch I _e A 11.5		-		
690 V Star-delta P kW 5.5 Rated operational current motor load switch 230 V I _e A 11.5				
Rated operational current motor load switch 230 V I _e A 11.5				
230 V I _e A 11.5		r	KVV	3.3
			۸	11.5
zou v star-delta I _e A 20				
100// 445 V				
400V 415 V I _e A 11.5	4UUV 415 V	le	А	11.5

100	400 V star-delta	I _e	Α	20
	500 V	I _e	Α	9
## ACPU variethous	500 V star-delta	I _e	Α	15.6
AC-71	690 V	I _e	Α	4.9
Relief operational current worksh AGV ACV ACV AGV AGV ACV AGV	690 V star-delta	l _e	Α	8.5
AC-Z3A	AC-21A			
Motor rating AC-22A, 51-50 ftz	Rated operational current switch			
Motor rating AC-200, 50 - 90 Hz P	440 V	l _e	Α	20
238	AC-23A			
Month Mont	Motor rating AC-23A, 50 - 60 Hz	P	kW	
SIDU	230 V	P	kW	3
Book of the stand operational current motor load switch P WW S S 2007	400 V 415 V	P	kW	5.5
Rated operational current moter load switch 200 V 400 V 415 V 500 V 40	500 V	P	kW	7.5
	690 V	P	kW	5.5
400 V 415 V	Rated operational current motor load switch			
	230 V	I _e	Α	13.3
680 V I A 7.8 DC-1 Load-break switches LR = 1 ms I V I Rated operational current I V 60 DC-21A I A 1 Rated operational current I A 1 Contacts U 0 unantry 1 DC-22A notor load switch L/R = 15 ms U 1 24 V Rated operational current I A 1 Rated operational current I A 1 48 V Rated operational current I A 1 Contacts U 2 2 Contacts U 3 3 Contacts U 3 3 Contacts U 4	400 V 415 V	l _e	Α	13.3
Post	500 V	I _e	Α	13.3
	690 V	l _e	Α	7.6
DC-1, Load-inveak switches L/R = 1 ms	DC			
Retud operational current				
Voltage per contact pair in series V V P		I _e	Α	10
DC-21A			V	60
Rated operational current Ie A 1 Contacts Quantity 1 DC-23A, motor load switch UR = 15 ms V V 24 V A 10 Rated operational current Ie Quantity 1 48 V U 10 Contacts Quantity 2 60 V V 0 Rated operational current Ie A 10 Contacts Quantity 2 Contacts Quantity 3 Rated operational current Ie A 5 Contacts Quantity 3 Av V V 3 Rated operational current Ie A 5 Contacts Quantity 3 5 PC Ontacts Quantity 4 5 Contacts Quantity 5 5 PC Ontacts Quantity 5 5 PC Ontacts Quantity 5 5 <t< td=""><td></td><td>l_a</td><td></td><td></td></t<>		l _a		
Contacts				1
DC-23A, motor load switch L/R = 15 ms 24 V Image: Contacts 40 10 Bated operational current Igentity 1 1 48 V Usenity 1 Bated operational current Igentity A 10 Contacts Quantity 2 60 V Usenity 2 Rated operational current Igentity A 10 Contacts Quantity 3 Rated operational current Igentity A 5 Pollage per contact pair in series Voltage per contact pair in series V 3 Control circuit reliability at 24 V DC, 10 mA Fault probability Hg 10 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 * < 1 *		'e		
Asted operational current			Quantity	
Rated operational current				
Contacts		l _a	Δ	10
ABI AD Contacts	·	·e		
Rated operational current Part Contacts Contact			Quantity	
Contacts 60 V Rated operational current Contacts 120 V Rated operational current Voltage per contact pair in series Control circuit reliability at 24 V DC, 10 mA Rated operational current Voltage per contact pair in series Rated operational current Rated operational current Rated operational current Rated operational current Voltage per contact pair in series V 32 Control circuit reliability at 24 V DC, 10 mA Rated operational current Rated operational current Voltage per contact pair in series Rated operational current Voltage per contact pair in series V 32 Control circuit reliability at 24 V DC, 10 mA Rated operational current Voltage per contact pair in series V 32 Control circuit reliability at 24 V DC, 10 mA Rated operational current Voltage per contact pair in series V 32 Control circuit reliability at 24 V DC, 10 mA Rated operational current Voltage per contact pair in series V 32 Control circuit reliability at 24 V DC, 10 mA Rated operational current Voltage per contact pair in series V 32 Control circuit reliability at 24 V DC, 10 mA Rated operational current Voltage per contact pair in series V 32 Control circuit reliability at 24 V DC, 10 mA Rated operational current Rated operatio		l _a	Δ	10
Rated operational current Ie A 10		·e		
Rated operational current Contacts 120 V Rated operational current Voltage per contact pair in series Voltage per contact pair in series Voltage per contact pair in series Control circuit reliability at 24 V DC, 10 mA Fault probability Rated operational Rated operational current Rated operational current Voltage per contact pair in series Voltage per contact pair in series Voltage per contact pair in series Rated operational current Rated operational cu			Quantity	-
Contacts Rated operational current Period DC-13, Control switches L/R = 50 ms Rated operational current Rated operational current Voltage per contact pair in series Control circuit reliability at 24 V DC, 10 mA Pault probability Period DC-13, Control switches L/R = 50 ms Rated operational current Period DC-13, Control switches L/R = 50 ms Rated operational current Period DC-13, Control switches L/R = 50 ms Rated operational current Period DC-13, Control switches L/R = 50 ms Rated operational current Period DC-13, Control switches L/R = 50 ms Rated operational current Period DC-13, Control switches L/R = 50 ms Rated operational current Period DC-13, Control switches L/R = 50 ms Rated operational current Period DC-13, Control switches L/R = 50 ms Period DC-13,		l _a	Δ	10
Rated operational current Contacts Quantity A 5 Contacts Quantity A 5 Contacts DC-13, Control switches L/R = 50 ms Rated operational current A 1e A 10 Voltage per contact pair in series Voltage per contact pair in series Control circuit reliability at 24 V DC, 10 mA Terminal capacities Solid or stranded Solid or stranded Fixed by the ferrules to DIN 46228 Terminal screw M3.5		·e		
Rated operational current Contacts Quantity A S A S Contacts Rated operational current Rated operational current DC-13, Control switches L/R = 50 ms Rated operational current Voltage per contact pair in series Control circuit reliability at 24 V DC, 10 mA Fault probability Terminal capacities Solid or stranded Figure A I I I I I I I I I I I I I I I I I I I			Quantity	
Contacts 240 V Rated operational current Contacts DC-13, Control switches L/R = 50 ms Rated operational current Voltage per contact pair in series Control circuit reliability at 24 V DC, 10 mA Fault probability Terminal capacities Solid or stranded Flexible with ferrules to DIN 46228 Terminal screw Quantity 3 Cuantity 5 Quantity 6 Quantity 6 Quantity 7 Quantity 5 Quantity 6 Quantity 7 Quantity 9 Quant		l _a	Δ	5
Rated operational current Rated operational current Contacts DC-13, Control switches L/R = 50 ms Rated operational current Voltage per contact pair in series Control circuit reliability at 24 V DC, 10 mA Fault probability Fault probab		'e		
Rated operational current Contacts DC-13, Control switches L/R = 50 ms Rated operational current Voltage per contact pair in series Control circuit reliability at 24 V DC, 10 mA Fault probability Fault probability Terminal capacities Solid or stranded Terminal capacities Terminal capacities Fault probability Imm2 I			Quantity	
Contacts DC-13, Control switches L/R = 50 ms Rated operational current Voltage per contact pair in series Control circuit reliability at 24 V DC, 10 mA Fault probability Fault probability Terminal capacities Solid or stranded Flexible with ferrules to DIN 46228 Terminal screw Control circuit reliability at 24 V DC, 10 mA Fault probability Fault probability Mm² Ix (1 - 2,5) 2x (1 - 2,5) 2x (0.75 - 2.5) 2x (0.75 - 2.5) M3.5		l _o	Α	5
BC-13, Control switches L/R = 50 ms Rated operational current Voltage per contact pair in series Control circuit reliability at 24 V DC, 10 mA Fault probability		·e		
Rated operational current Voltage per contact pair in series Control circuit reliability at 24 V DC, 10 mA Fault probability Fault probability Fault probability Terminal capacities Solid or stranded mm² 1 x (1 - 2,5) 2 x (1 - 2,5) 2 x (1 - 2,5) 2 x (0.75 - 2.5) 2 x (0.75 - 2.5) Terminal screw M3.5			quantity	
Voltage per contact pair in series Control circuit reliability at 24 V DC, 10 mA Fault probability Terminal capacities Solid or stranded Find the probability of			Δ	10
Control circuit reliability at 24 V DC, 10 mA Fault probability Here of the second o		'е		
Probability Probability Probability Probability		Fault		
Solid or stranded mm² 1 x (1 - 2,5) 2 x (1 - 2,5) Elexible with ferrules to DIN 46228 mm² 1 x (0.75 - 2.5) 2 x (0.75 - 2.5) Terminal screw M3.5			111	< 10 ⁻ , < 1 fault in 100000 operations
2 x (1 - 2,5)	Terminal capacities			
Flexible with ferrules to DIN 46228 mm² 1 x (0.75 - 2.5) 2 x (0.75 - 2.5) Terminal screw M3.5	Solid or stranded		mm ²	1 x (1 - 2,5) 2 x (1 - 2,5)
2 x (0.75 - 2.5) Terminal screw M3.5	Flexible with ferrules to DIN 46228		mm ²	
			111111	2 x (0.75 - 2.5)
Tightening torque for terminal screw Nm 1				M3.5
	Tightening torque for terminal screw		Nm	1

Technical safety parameters:

the state of the s					
Notes			B10 _d values as per EN ISO 13849-1, table C1		
Rating data for approved types					
Terminal capacity					
Terminal screw			M3.5		
Tightening torque	II	b-in	8.83		

Design verification as per IEC/EN 61439

Design Verification as per IEC/EN 61439			
Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	20
Heat dissipation per pole, current-dependent	P _{vid}	W	0.6
Equipment heat dissipation, current-dependent	P _{vid}	W	0
Static heat dissipation, non-current-dependent	P _{vs}	W	0
Heat dissipation capacity	P _{diss}	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	40
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			UV resistance only in connection with protective shield.
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES			Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.10 Temperature rise			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 7.0

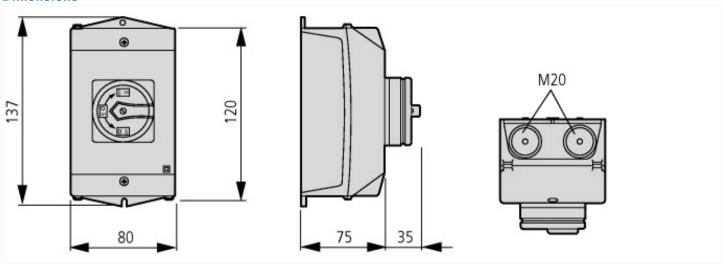
Low-voltage industrial components (EG000017) / Switch disconnector (EC000216)

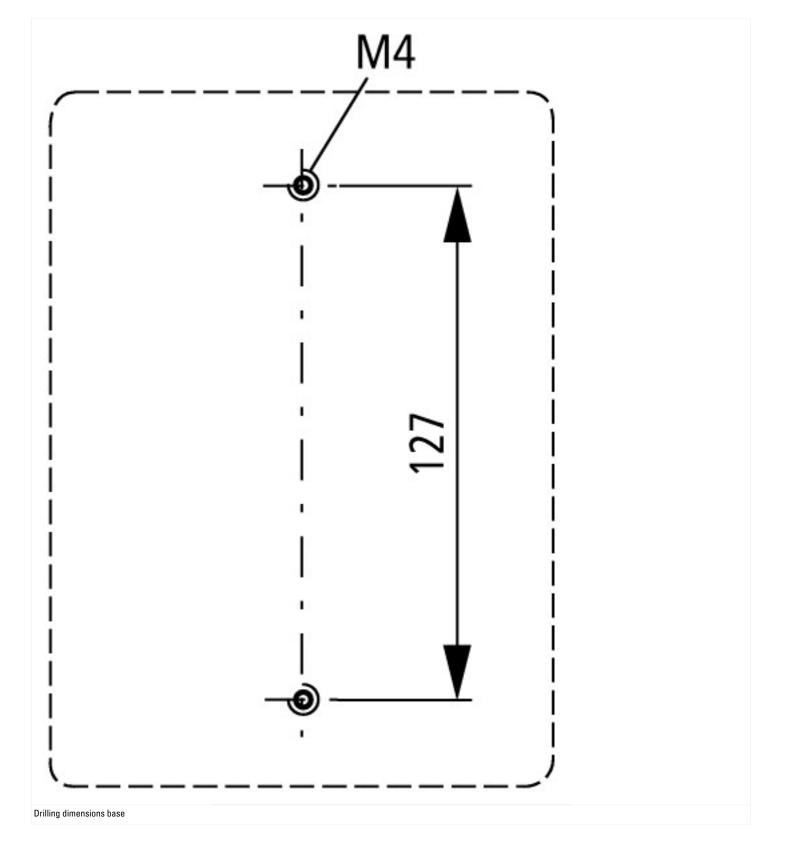
Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Switch disconnector (ecl@ss10.0.1-27-37-14-03 [AKF060013])

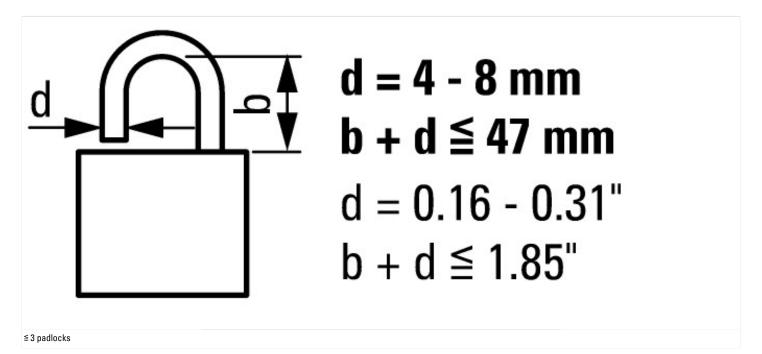
[AKF060013])			
Version as main switch			Yes
Version as maintenance-/service switch			Yes
Version as safety switch			Yes
Version as emergency stop installation			Yes
Version as reversing switch			No
Number of switches			1
Max. rated operation voltage Ue AC	V	1	690
Rated operating voltage	V	/	690 - 690

Rated permanent current lu	А	١	20
Rated permanent current at AC-23, 400 V	А	١	13.3
Rated permanent current at AC-21, 400 V	А	١	20
Rated operation power at AC-3, 400 V	kV	W	5.5
Rated short-time withstand current lcw	k.A	Α	0.32
Rated operation power at AC-23, 400 V	kV	W	5.5
Switching power at 400 V	kV	W	5.5
Conditioned rated short-circuit current Iq	k.A	Α	6
Number of poles			3
Number of auxiliary contacts as normally closed contact			0
Number of auxiliary contacts as normally open contact			1
Number of auxiliary contacts as change-over contact			0
Motor drive optional			No
Motor drive integrated			No
Voltage release optional			No
Device construction			Complete device in housing
Suitable for ground mounting			Yes
Suitable for front mounting 4-hole			No
Suitable for front mounting centre			No
Suitable for distribution board installation			No
Suitable for intermediate mounting			No
Colour control element			Red
Type of control element			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)			Other

Dimensions







Assets (links)

Declaration of CE Conformity

00003075

Instruction Leaflets

IL03801007Z2018_05