DATASHEET - P1-25/V/SVB



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



Part no. P1-25/V/SVB Catalog No. 055335

EL-Nummer 0001456106 (Norway)

Delivery program			
Product range			Main switch maintenance switch Repair switch
Part group reference			P1
Stop Function			Emergency switching off function
			With red rotary handle and yellow locking ring
Information about equipment supplied			Auxiliary contact or neutral conductor fitted by user.
Number of poles			3 pole
Auxiliary contacts			
1		N/0	0
7		N/C	0
Locking facility			Lockable in the 0 (Off) position
Degree of Protection			Front IP65
Design			rear mounting
Contact sequence			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Function			OFF OFF
Motor rating AC-23A, 50 - 60 Hz			
400 V	P	kW	11
Rated uninterrupted current	I _u	Α	25
Note on rated uninterrupted current !u			Rated uninterrupted current $I_{\rm u}$ is specified for max. cross-section.

Technical data

delleral		
Standards		IEC/EN 60947, VDE 0660, IEC/EN 60204, CSA, UL Switch-disconnector according to IEC/EN 60947-3 NEMA12
Climatic proofing		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature		
Open	°(°C -25 - +50
Enclosed	°(°C -25 - +40

Overvoltage category/pollution degree			III/3
Rated impulse withstand voltage	U _{imp}	V AC	6000
Mechanical shock resistance	~iiiip		15
Mounting position		g	As required
Contacts			As required
Mechanical variables			
Number of poles			3 pole
Auxiliary contacts			
,		N/O	0
		N/C	0
Electrical characteristics		.,,	
Rated operational voltage	U _e	V AC	690
Rated uninterrupted current	Iu	A	25
	'u	^	Rated uninterrupted current I_u is specified for max. cross-section.
Note on rated uninterrupted current !u			nated uninterrupted current i _u is specified for max. cross-section.
Load rating with intermittent operation, class 12			
AB 25 % DF		x l _e	2
AB 40 % DF		x I _e	1.6
AB 60 % DF		x I _e	1.3
Short-circuit rating			
Fuse		A gG/gL	25
Rated short-time withstand current (1 s current)	I _{cw}	A_{rms}	640
Note on rated short-time withstand current lcw			Current for a time of 1 second
Rated conditional short-circuit current	I_q	kA	50
Switching capacity			
cos φ rated making capacity as per IEC 60947-3		Α	240
Rated breaking capacity cos φ to IEC 60947-3		Α	
230 V		Α	190
400/415 V		Α	150
500 V		Α	170
690 V		Α	150
Safe isolation to EN 61140			
between the contacts		V AC	440
Current heat loss per contact at l _e		W	1.1
Lifespan, mechanical	Operations	x 10 ⁶	> 0.3
Maximum operating frequency	Operations/h		1200
AC			
AC-3			
Rating, motor load switch	P	kW	
220 V 230 V	P	kW	5.5
400 V 415 V	P	kW	7.5
500 V	P	kW	7.5
690 V	P	kW	7.5
Rated operational current motor load switch			
230 V	I _e	Α	19.6
400V 415 V	I _e	Α	15.2
500 V	I _e	Α	12.1
690 V	I _e	Α	8.8
AC-21A			
Rated operational current switch			
440 V	I _e	A	25
AC-23A			
Motor rating AC-23A, 50 - 60 Hz	Р	kW	
230 V	P	kW	5.5
400 V 415 V	P	kW	11

Terminal capacities Solid or stranded mm² 1x (1,5 - 6) 2x (1,5 - 6) Flexible with ferrules to DIN 46228 mm² 1x (1 - 4) 2x (1 - 4) Terminal screw M4 Tightening torque for terminal screw Nm 1.6 Technical safety parameters: Notes B10 _d values as per EN ISO 13849-1, table C1 Rating data for approved types				
Reade generational cornect motor fload southing		Р	kW	11
2017 1974	690 V	Р	kW	11
4	Rated operational current motor load switch			
1500 \	230 V	I _e	Α	25
	400 V 415 V	l _e	Α	25
	500 V	l _e	Α	17.4
CC-1, Load-branks proteched L/R = 1 ms Image of persistental current fg A 25 Notings per context pair in series V 0 0 DC-2A, mater lead water L/R = 1 ms V 0 0 DC-2A, mater lead water L/R = 1 ms V 0 0 2AV V 2 0 2AV Contacts 0 0 0 date V 0 0 0 0 Based covershand current In Market Covershand Current In Market Covershand Current 0			Δ	12.6
DC-1, Lead break owinches UR - 1 ms		'e	^	12.0
Rated operational current V				
Voltage per contact pair in series Voltage per contact				
DC 2024 moter toad sevich LR = 15 ms 4	Rated operational current	l _e	Α	25
And dependent current And and personal current And and personal current And and personal current And a	Voltage per contact pair in series		V	60
Ruted operational current	DC-23A, motor load switch L/R = 15 ms			
Contacts	24 V			
# Anter departitional current	Rated operational current	I _e	Α	25
Rated operational current	Contacts		Quantity	1
Contacts Control Control<	48 V			
Contacts Control Control<	Rated operational current	l _e	Α	25
Agreed operational current Agreed operat		•		
Rated operational current			Quantity	-
Contracts Quantity Quantity Contracts Quantity Quantity Contracts Quantity Quanti			۸	25
120 V Rated operational current I N		I _e		
Rated operational current In the contract of the contr			Quantity	2
Contracts Quantity 3 Control circuit reliability at 24 V DC, 10 mA Fault probability HF c) 5°<<1 fault in 100000 operations Terminal capacities Flexible with ferrules to DIN 46228 mm² 1x (1,5,-6) Flexible with ferrules to DIN 46228 mm² 1x (1,4) Terminal screw Reset parameters: mm² 1x (1,4) Rest parameters: mm² 18 (1,4) Rest parameters: mm² 18 (1,4) Restance parameters: mm² 2 (2,4) Restance parameters: mm² 2 (2,4) Restance parameters: mm² 2 (2,4) 2 (2,4) <th< td=""><td></td><td></td><td></td><td></td></th<>				
Control circuit reliability at 24 VDC, 10 mA Fault probability # by 10 st 4 fault in 100000 operations Fleminal capacities Wind in 12 (1.5 - 6) Solid or stranded mm² 12 (1.5 - 6) Flexible with ferrules to DIN 46228 mm² 12 (1.5 - 6) Torminal screw mm² 12 (1.4 - 4) Tightening torque for terminal screw mm² 18 (1.4 - 4) Tightening torque for terminal screw mm² 18 (1.4 - 4) Tightening torque for terminal screw mm² 18 (1.4 - 4) Total safety parameters: mm² 18 (1.4 - 4) Rating data for approved types mm² 18 (1.4 - 4) Rated operational voltage mm² V AC A goneral use mm² 2 (2.4 - 4) General use mm² Mm² 2 (2.4 - 4) Auzoliany contacts mm² 2 (2.4 - 4) 2 (2.4 - 4) Switching capacity mm² pm² 2 (2.4 - 4) 2 (2.4 - 4) Maximum motor rating mm² 1 (2.4 - 4) 2 (2.4 - 4) 2 (2.4 - 4) 2 (2.4 - 4) 2 (2.4 - 4) 2 (2.4	Rated operational current	l _e	Α	12
Probability	Contacts		Quantity	3
Solid or stranded mm² 1 k (1,5 - 8) Flowble with ferrules to DIN 46228 mp² 1 k (1 - 4) Terminal screw mp² 1 k (1 - 4) Tightening torque for terminal screw mp² 1 k (1 - 4) Tightening torque for terminal screw mp² 1 k (2 - 4) Tightening torque for terminal screw mp² Blog values as per EN ISO 13849-1, table C1 Tightening torque for terminal screw mp² blog values as per EN ISO 13849-1, table C1 Rated on and to dape mp² blog values as per EN ISO 13849-1, table C1 Rated uninterrupted current max. mp² blog values as per EN ISO 13849-1, table C1 Rated uninterrupted current max. mp² blog values as per EN ISO 13849-1, table C1 Rated uninterrupted current max. pp² blog values as per EN ISO 13849-1, table C1 General Use pp² pp² General Use pp² pp² General Use pp² pp² Pilot Duty pp² pp² Single-phase pp² pp² 1 200 V AC pp² pp² 200 V AC	Control circuit reliability at 24 V DC, 10 mA		H _F	< 10 ⁻⁵ , < 1 fault in 100000 operations
Flexible with ferrules to DIN 48228	Terminal capacities			
Flexible with ferrules to DIN 48228 mm² 2 x (1 - 4) Terminal screw Nm 1.5 Tightening torque for terminal screw Nm 1.5 Terminal screy Total safety parameters: Works 8 100 yalues as per EN ISO 13849-1, table C1 Rating data for approved types: Contects 9 YAC 90 Rated operational voltage Un YAC 90 Rated uninterrupted current max. Amount of the provided of the	Solid or stranded		mm^2	1 x (1,5 - 6)
Terminal screw 2x (1 - 4) Terminal screw M4 Tightening torque for terminal screw ND 16 Tightening torque for terminal screw ND 16 Tightening torque for terminal screw W B10 yalues as per EN ISO 13849-1, table C1 Tight for approved types Contacts W C 600 Rated operational voltage V AC 600 Rated uninterrupted current max. AC AC AC Main conducting paths Y AC AC General Use AC AC AC Auxiliary contacts Y AC AC Pilot Dury AC AC AC Waximum motor rating Y Y AC Single-phase HP 1 AC 120 V AC HP AC 200 V AC HP AC 200 V AC HP AC 200 V AC HP AC 480 V AC HP	Florible with ferrules to DIN 46220		2	
Tightening torque for terminal screw Nm 1.6 Technical safety parameters: VAC B10 _q values as per EN ISO 13849-1, table C1 Rating data for approved types Contacts Rated operational voltage U _e VAC 600 Rated uninterrupted current max. VAC 600 Main conducting paths A 20 General use A 20 Auxiliary contacts A 600 Pilot Duty A 10 Switching capacity A 600 Maximum motor rating B 1 Single-phase B 1 2 120 V AC HP 1 2200 V AC HP 3 240 V AC HP 3 240 V AC HP 5 480 V AC HP 1	riexible with refruies to DIN 40220		mm ²	2 x (1 - 4)
Notes B10 _d values as per EN ISO 13849-1, table C1	Terminal screw			M4
Notes 910g values as per EN ISO 13849-1, table C1 Rating data for approved types Very NAC VEX. Contacts VEX. VEX. Contacts VEX. Contacts VEX. Contacts Contacts VEX. Contacts Property Name P	Tightening torque for terminal screw		Nm	1.6
National proved types Sectional voltage	Technical safety parameters:			
Contacts Ue V AC 600 Rated operational voltage Ue V AC 600 Rated uninterrupted current max. Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Maximum motor rating Maximum motor rating Single-phase HP 1 120 V AC HP 1 2 200 V AC HP 3 3 17ree-phase HP 3 3 200 V AC HP 3 3 240 V AC HP 3 3 240 V AC HP 3 3 480 V AC HP 5 4 480 V AC HP 10 4 480 V AC HP 10 4 600 V AC HP 10 4 600 V AC HP 10 4 600 V AC HP 10 4				B10 _d values as per EN ISO 13849-1, table C1
Rated operational voltage Ue V AC 600 Rated uninterrupted current max. V AC V AC Main conducting paths V AC V AC General use A 20 Auxillary contacts V AC 10 General Use Iu A 600 P 600 Pilot Duty A 600 P 600 P 600 Switching capacity V AC V AC Maximum motor rating V Y AC V AC 120 V AC HP 1 200 V AC HP 3 240 V AC HP 3 Three-phase HP 5 240 V AC HP 5 480 V AC HP 10 480 V AC HP 10 600 V AC HP 10	Rating data for approved types			
Rated uninterrupted current max. Main conducting paths 20 General use A 20 Auxiliary contacts U A 10 Pilot Duty A 600 P600 Switching capacity HP 600 HP 600 Maximum motor rating HP 1 1 120 V AC HP 2 1 200 V AC HP 2 3 Three-phase HP 3 3 200 V AC HP 9 3 480 V AC HP 9 5 480 V AC HP 9 10 480 V AC HP 9 10 600 V AC HP 9 10 600 V AC HP 9 15	Contacts			
Main conducting paths A B	Rated operational voltage	U _e	V AC	600
General use A 20 Auxiliary contacts I A 10 General Use Pilot Duty A 600 Pe00 Switching capacity F F Maximum motor rating F F Single-phase FP 1 200 V AC HP 2 240 V AC HP 3 Three-phase HP 3 200 V AC HP 5 480 V AC HP 10 480 V AC HP 10 600 V AC HP 15	Rated uninterrupted current max.			
Auxiliary contacts Iu A 10 Pilot Duty A 600 P 600 P 600 Switching capacity P 600 Maximum motor rating T Plot Duty Single-phase P P P P P P P P P P P P P P P P P P P	Main conducting paths			
Filot Duty	General use		Α	20
Pilot Duty A 600 P 600 Switching capacity A 600 P 600 Maximum motor rating Image: Company of the compa	Auxiliary contacts			
Switching capacity P 600 Maximum motor rating P 600 Single-phase P 600 120 V AC HP 200 V AC HP 240 V AC HP Three-phase HP 200 V AC HP 480 V AC HP 480 V AC HP 480 V AC HP 600 V AC HP HP 5 480 V AC HP 600 V AC HP HP 15	General Use	I _U	Α	10
Switching capacity Maximum motor rating HP 1 120 V AC HP 1 200 V AC HP 2 240 V AC HP 3 Three-phase HP 3 200 V AC HP 3 480 V AC HP 5 480 V AC HP 10 600 V AC HP 15	Pilot Duty			
Maximum motor rating He 1 120 V AC HP 1 200 V AC HP 2 240 V AC HP 3 Three-phase HP 3 200 V AC HP 3 240 V AC HP 5 480 V AC HP 10 600 V AC HP 15	Switching capacity			
Single-phase HP 1 120 V AC HP 2 240 V AC HP 3 Three-phase HP 3 200 V AC HP 3 240 V AC HP 5 480 V AC HP 10 600 V AC HP 15				
120 V AC HP 1 200 V AC HP 2 240 V AC HP 3 Three-phase HP 3 200 V AC HP 3 240 V AC HP 5 480 V AC HP 10 600 V AC HP 15				
200 V AC 240 V AC HP 3 Three-phase 200 V AC HP 3 240 V AC HP 5 480 V AC HP 10 600 V AC HP 15			НР	1
240 V AC HP 3 Three-phase HP 3 200 V AC HP 3 240 V AC HP 5 480 V AC HP 10 600 V AC HP 15				
Three-phase 200 V AC HP 3 240 V AC HP 5 480 V AC HP 10 600 V AC HP 15				
200 V AC HP 3 240 V AC HP 5 480 V AC HP 10 600 V AC HP 15			пг	S .
240 V AC			ш	
480 V AC				
600 V AC HP 15				
Short Circuit Current Rating SCCR				15
	Short Circuit Current Rating		SCCR	

Basic Rating	kA	5
max. Fuse	Α	110
High fault rating	kA	10
max. Fuse	Α	50, Class J
Terminal capacity		
Solid or flexible conductor with ferrule	AWG	14 - 8
Terminal screw		M4
Tightening torque	lb-in	14.1

Design verification as per IEC/EN 61439

Design vermedition as per reo/en or 100			
Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	25
Heat dissipation per pole, current-dependent	P _{vid}	W	1.1
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	50
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])

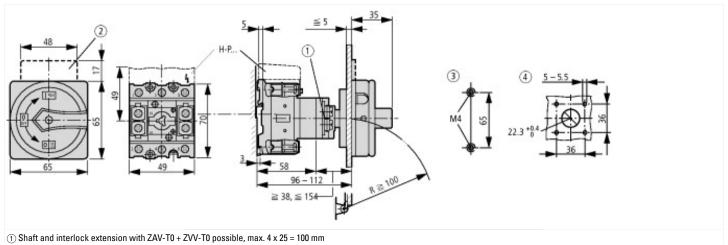
[AKFU00U13])	
Version as main switch	Yes
Version as maintenance-/service switch	Yes
Version as safety switch	No
Version as emergency stop installation	Yes
Version as reversing switch	No

Number of switches V 96 Mack rated operation voltage UaCA V 90-890 Rated operation voltage UaCA V 90-890 Rated permanent current Iu A 25 Rated permanent current at AC-23,400 V A 25 Rated operation power at AC-3,400 V A 25 Rated operation power at AC-23,400 V B 36 Rated operation power at AC-23,400 V B 36 Rated operation power at AC-23,400 V B 36 Round operation power at AC-23,400 V B 36 Number of power at AC-23,400 V B 36 Number of auxiliary contacts as normally closed contact B 36 Number of auxiliary contacts as normally open contact B 36 Number of auxiliary contacts as charge-over contact B 36 Number of auxiliary contacts as charge-over contact B 36 <th></th> <th></th> <th></th>			
Rated operating voltage V 80 - 890 Rated permanent current 1u A 25 Rated permanent current at AC-23, 400 V A 25 Rated permanent current at AC-24, 400 V A 25 Rated operation power at AC-3, 400 V A 26 Rated short-time withstand current Low A 0.84 Rated operation power at AC-23, 400 V KW 13 Switching power at 400 V KW 13 Conditioned rated short-circuit current Iq KW 30 Number of poles W 3 Number of auxiliary contacts as normally open contact W 9 Number of auxiliary contacts as normally open contact W 9 Number of auxiliary contacts as change-over contact W 9 Motor drive optional W 9 9 Motor drive integrated W 9 9 Voltage release optional W 9 9 Suitable for front mounting 4-hole W 9 9 Suitable for front mounting 4-hole W 9 <td>Number of switches</td> <td></td> <td>1</td>	Number of switches		1
Rated permanent current lu A 25 Rated permanent current at AC-23, 400 V A 25 Rated permanent current at AC-21, 400 V A 25 Rated permanent current at AC-3, 400 V A 25 Rated short-time withstand current lcw A A 40 Rated short-time withstand current lcw A B 40 Switching power at AC-23, 400 V W 13 Conditioned rated short-circuit current lq A 80 Number of poles A 80 Number of auxiliary contacts as normally closed contact B 9 Number of auxiliary contacts as normally open contact B 9 Number of auxiliary contacts as change-over contact B 9 Motor drive optional B 9 9 Motor drive integrated B 9 90 Voltage clease optional B 9 90 Suitable for ground mounting B 9 90 Suitable for ground mounting B 9 90 Suitable for fro	Max. rated operation voltage Ue AC	V	690
Rated permanent current at AC-23, 400 V A 25 Rated permanent current at AC-21, 400 V W 7.5 Rated operation power at AC-3, 400 V KA 0.44 Rated short-time withstand current lcw KA 0.44 Rated short-time withstand current lcw KA 0.44 Rated permit and X-23, 400 V KW 13 Switching power at A00 V KW 3 Conditioned rated short-circuit current Iq KA 80 Number of books KW 3 Number of auxiliary contacts as normally closed contact W 0 Number of auxiliary contacts as change-over contact W 0 Motor drive optional W 0 Motor drive optional W 0 Motor drive optional W 0 Suitable for ground mounting W 0 Suitable for front mounting 4-hole W 0 Suitable for front mounting 4-hole W 0 Suitable for front mounting centre W 0 Suitable for front mounting centre W <td>Rated operating voltage</td> <td>V</td> <td>690 - 690</td>	Rated operating voltage	V	690 - 690
Rated permanent current at AC-21, 400 V A 25 Rated operation power at AC-3, 400 V KW 7.5 Rated short-time withstand current lcw KW 13 Rated operation power at AC-23, 400 V KW 13 Switching power at 400 V KW 13 Conditioned rated short-circuit current lq KW 3 Number of poles 3 3 Number of auxiliary contacts as normally closed contact CW 10 Number of auxiliary contacts as normally open contact CW 10 Motor drive optional CW No Motor drive optional No No Motor drive integrated W No Voltage release optional No No Suitable for ground mounting W No Suitable for front mounting 4-hole No No Suitable for front mounting 4-hole No No Suitable for front mounting entre No No Suitable for front mounting entre No No Suitable for front mounting entre No </td <td>Rated permanent current lu</td> <td>Α</td> <td>25</td>	Rated permanent current lu	Α	25
Rated operation power at AC-3,400 V kM 7.5 Rated short-time withstand current lew kA 0.84 Rated operation power at AC-23,400 V kW 13 Switching power at 400 V kW 13 Conditioned rated short-circuit current lq kW 80 Number of poles SW 3 Number of auxiliary contacts as normally closed contact SW 0 Number of auxiliary contacts as change-over contact SW 0 Mottor drive integrated SW No Voltage release optional SW No Device construction SW No Suitable for ground mounting SW No Suitable for front mounting 4-hole SW No Suitable for front mounting entre SW No Suitable for front mounting entre SW No Suitable for front infermediate mounting SW No Colour control element SW No Colour control element SW No Type of control element SW No	Rated permanent current at AC-23, 400 V	Α	25
Rated short-time withstand current low 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 lq kM 80 Number of poles C 3 Number of auxiliary contacts as normally closed contact C 0 Number of auxiliary contacts as normally open contact C 0 Mumber of auxiliary contacts as change-over contact C 0 Motor drive integrated C No Motor drive integrated No No Voltage release optional No No Suitable for ground mounting No No Suitable for ground mounting 4-hole No No Suitable for front mounting eartre No No Suitable for front mounting eartre No No Suitable for intermediate mounting No No Suitable for intermediate mounting No No Colour control element No No Type of control element <td< td=""><td>Rated permanent current at AC-21, 400 V</td><td>Α</td><td>25</td></td<>	Rated permanent current at AC-21, 400 V	Α	25
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 F 3 3 Number of auxiliary contacts as normally closed contact C 9 0 Number of auxiliary contacts as normally open contact C 0 Motor drive optional No No Motor drive integrated No No Voltage release optional No No Suitable for ground mounting No No Suitable for front mounting 4-hole No No Suitable for front mounting 4-hole No No Suitable for intermediate mounting No No Colour control element No No Type of control element </td <td>Rated operation power at AC-3, 400 V</td> <td>kW</td> <td>7.5</td>	Rated operation power at AC-3, 400 V	kW	7.5
Switching power at 400 V kW 13 Conditioned rated short-circuit current Iq kA 80 Number of poles 3 3 Number of auxiliary contacts as normally closed contact CO 0 Number of auxiliary contacts as normally open contact VO 0 Muther of auxiliary contacts as change-over contact MO No Motor drive optional NO No Motor drive integrated NO No Voltage release optional NO No Suitable for ground mounting NO No Suitable for front mounting 4-hole NO No Suitable for front mounting 4-hole NO No Suitable for distribution board installation NO No Suitable for intermediate mounting NO No Colour control element NO No Type of control element NO No Type of control element NO No Type of electrical connection of main circuit NO No Serew connection NO	Rated short-time withstand current lcw	kA	0.64
Conditioned rated short-circuit current IqKA80Number of poles53Number of auxiliary contacts as normally closed contact61Number of auxiliary contacts as normally open contact61Number of auxiliary contacts as change-over contact61Motor drive optional71Motor drive integrated81Voltage release optional81Suitable for ground mounting81Suitable for front mounting 4-hole91Suitable for front mounting centre81Suitable for distribution board installation81Suitable for intermediate mounting81Colour control element81Type of control element82Type of electrical connection of main circuit82Degree of protection (IP), front side81Degree of protection (IP), front side81	Rated operation power at AC-23, 400 V	kW	13
Number of poles Number of auxiliary contacts as normally open contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Number of auxiliary contacts as change-over contact Number of auxiliary contacts as change-over contact Notor drive optional Notor drive integrated Notor drive integrated built-in technique Notable for ground mounting 4-hole Notable for front mounting 4-hole Notable for front mounting entre Notable for distribution board installation Notable for distribution board installation Notable for intermediate mounting Notor coupling rotary drive Yes Tyes of control element Tyes of electrical connection of main circuit Notable for intermediate mounting intervit Notor coupling rotary drive Yes Notor coupling rotary drive	Switching power at 400 V	kW	13
Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact No No No No No No Suitagrated No Suitagrated No Suitable for ground mounting Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for front mounting centre Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Type of control element Type of electrical connection of main circuit Degree of protection (I/P), front side	Conditioned rated short-circuit current Iq	kA	80
Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Number of auxiliary contacts as change-over contact No Motor drive optional No No No No Device construction Suitable for ground mounting Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for foot mounting centre Suitable for intermediate mounting Colour control element Type of control element Type of control element Type of electrical connection of main circuit Degree of protection (IP), front side	Number of poles		3
Number of auxiliary contacts as change-over contact Motor drive optional Motor drive integrated No No Voltage release optional Device construction Suitable for ground mounting Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for front mounting centre Suitable for front mounting centre Suitable for fortn mounting centre Suitable for intermediate mounting No Suitable for intermediate for intermediate mounting No Suitable for fortenting feature technique No Suitable for intermediate for intermediate mounting No Suitable for intermediate for intermediate for intermedia	Number of auxiliary contacts as normally closed contact		0
Motor drive optionalNoMotor drive integratedNoVoltage release optionalNoDevice constructionBuilt-in device fixed built-in techniqueSuitable for ground mountingNoSuitable for front mounting 4-holeNoSuitable for front mounting centreNoSuitable for distribution board installationNoSuitable for intermediate mountingNoColour control elementNoType of control elementPedType of electrical connection of main circuitScrew connectionDegree of protection (IP), front sideIP65	Number of auxiliary contacts as normally open contact		0
Notor drive integrated Voltage release optional Device construction Suitable for ground mounting Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side	Number of auxiliary contacts as change-over contact		0
Voltage release optionalNoDevice constructionBuilt-in device fixed built-in techniqueSuitable for ground mountingNoSuitable for front mounting 4-holeNoSuitable for firnt mounting centreNoSuitable for distribution board installationNoSuitable for intermediate mountingNoColour control elementRedType of control elementDoor coupling rotary driveInterlockableYesType of electrical connection of main circuitScrew connectionDegree of protection (IP), front sideIP65	Motor drive optional		No
Device constructionBuilt-in device fixed built-in techniqueSuitable for ground mountingNoSuitable for front mounting 4-holeNoSuitable for front mounting centreNoSuitable for distribution board installationNoSuitable for intermediate mountingNoColour control elementRedType of control elementDoor coupling rotary driveInterlockableYesType of electrical connection of main circuitScrew connectionDegree of protection (IP), front sideIP65	Motor drive integrated		No
Suitable for ground mounting Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for front mounting centre Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side No No Red Door coupling rotary drive Yes Screw connection IP65	Voltage release optional		No
Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for distribution board installation Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side No No Red Door coupling rotary drive Yes Screw connection Degree of protection (IP), front side Interlockable Interlo	Device construction		Built-in device fixed built-in technique
Suitable for front mounting centre Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side No No Red Door coupling rotary drive Yes Screw connection Degree of protection (IP), front side No No Red Sorew connection Poss Po	Suitable for ground mounting		No
Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side No Red Poor coupling rotary drive Yes Screw connection Screw connection IP65	Suitable for front mounting 4-hole		No
Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side No Red Door coupling rotary drive Yes Screw connection Electrical connection of main circuit Degree of protection (IP), front side No Red Corew connection Poss Fig. 1965	Suitable for front mounting centre		No
Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side Red Door coupling rotary drive Yes Screw connection Degree of Protection (IP), front side Red Door coupling rotary drive Yes Yes Interlockable Pes Screw connection IP65	Suitable for distribution board installation		No
Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side Door coupling rotary drive Yes Screw connection IP65	Suitable for intermediate mounting		No
Interlockable Yes Type of electrical connection of main circuit Screw connection Degree of protection (IP), front side IP65	Colour control element		Red
Type of electrical connection of main circuit Degree of protection (IP), front side Screw connection IP65	Type of control element		Door coupling rotary drive
Degree of protection (IP), front side	Interlockable		Yes
	Type of electrical connection of main circuit		Screw connection
Degree of protection (NEMA) 12	Degree of protection (IP), front side		IP65
	Degree of protection (NEMA)		12

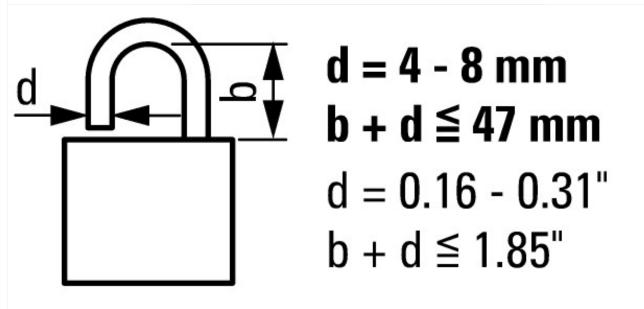
Approvals

• •	
Product Standards	UL 60947-4-1;CSA - C22.2 No. 60947-4-1-14; CSA-C22.2 No. 94; IEC/EN 60947-3; CE marking
UL File No.	E36332
UL Category Control No.	NLRV
CSA File No.	12528
CSA Class No.	3211-05
North America Certification	UL listed, CSA certified
Suitable for	Branch circuits, suitable as motor disconnect
Degree of Protection	IEC: IP65; UL/CSA Type 1, 12

Dimensions



Drilling dimensions door



≦3 padlocks

Assets (links)

Declaration of CE Conformity

00003102

Instruction Leaflets

IL03802004Z2018_05