DATASHEET - P3-63/EA/SVB/HI11



Main switch, P3, 63 A, flush mounting, 3 pole, 1 N/O, 1 N/C, Emergency switching off function, With red rotary handle and yellow locking ring, Lockable in the 0 (Off) position



Part no.	P3-63/EA/SVB/HI11
Catalog No.	019891

EL-Nummer (Norway) 0001417016

Delivery program

Product range			Main switch maintenance switch Repair switch
Part group reference			P3
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			
		N/0	1
7		N/C	1
Locking facility			Lockable in the 0 (Off) position
Degree of Protection			Front IP65
Design			flush mounting
Contact sequence			
Function			
Motor rating AC-23A, 50 - 60 Hz			
400 V	Р	kW	30
Rated uninterrupted current	lu	А	63
Note on rated uninterrupted current $!_{\rm u}$			Rated uninterrupted current \mathbf{I}_{u} is specified for max. cross-section.
Technical data General			
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			111/3
Rated impulse withstand voltage	U _{imp}	V AC	6000
Mechanical shock resistance		g	15
Mounting position			As required
Contacts			
Mechanical variables			
Number of poles			3 pole
Auxiliary contacts			
		N/0	1
		N/C	1
Electrical characteristics			
Rated operational voltage	U _e	V AC	690
Rated uninterrupted current	lu	А	63
Note on rated uninterrupted current $\boldsymbol{!}_{\boldsymbol{u}}$			Rated uninterrupted current \mathbf{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 l _e	1.6
AB 60 % DF		x I _e	1.3
Short-circuit rating			
Fuse		A gG/gL	80
Rated short-time withstand current (1 s current)	I _{cw}	A _{rms}	1260
Note on rated short-time withstand current lcw		into	Current for a time of 1 second
Rated conditional short-circuit current	lq	kA	4
Switching capacity	·ч		
$\cos \phi$ rated making capacity as per IEC 60947-3		А	800
Rated breaking capacity $\cos \phi$ to IEC 60947-3		A	
230 V		A	640
400/415 V		A	600
500 V		A	590
690 V		A	340
Safe isolation to EN 61140			
between the contacts		V AC	440
Current heat loss per contact at l _e		W	4.5
Current heat loss per auxiliary circuit at I _e (AC-15/230 V)		CO	0.2
Lifespan, mechanical	Operations	x 10 ⁶	> 0.1
Maximum operating frequency	Operations/h	X IU	1200
AC	oporations/n		
AC-3			
Rating, motor load switch	Р	kW	
220 V 230 V	P	kW	15
400 V 415 V	P	kW	30
500 V	P	kW	30
690 V	P	kW	30
Rated operational current motor load switch			
230 V	le	A	51
400V 415 V	le	A	55
500 V	l _e	A	44
690 V	l _e	A	22.1
AC-23A	D	L)A/	
Motor rating AC-23A, 50 - 60 Hz	P	kW	10.5
230 V	P	kW	18.5
400 V 415 V	Р	kW	30
500 V	Р	kW	45

690 V	Ρ	kW	55
Rated operational current motor load switch			
230 V	I _e	А	63
400 V 415 V	I _e	А	63
500 V	le	A	63
690 V	le	A	63
DC	0		
DC-1, Load-break switches L/R = 1 ms			
Rated operational current	1	A	63
	l _e		
Voltage per contact pair in series		V	60
DC-23A, motor load switch L/R = 15 ms			
24 V			
Rated operational current	le	A	50
Contacts		Quantity	1
48 V			
Rated operational current	l _e	A	50
Contacts		Quantity	2
60 V			
Rated operational current	l _e	А	50
Contacts		Quantity	2
120 V			
Rated operational current	le	A	25
Contacts		Quantity	3
Control circuit reliability at 24 V DC, 10 mA	Fault	H _F	< 10 ⁻⁵ ,< 1 failure in 100,000 switching operations
	probability		
Terminal capacities			
Solid or stranded		mm ²	1 x (2,5 - 35) 2 x (2,5 - 10)
Flexible with ferrules to DIN 46228		mm ²	1 x (1.5 - 25)
		mm ²	1 x (1.5 - 25) 2 x (1.5 - 6)
Terminal screw			1 x (1.5 - 25)
Terminal screw Tightening torque for terminal screw		mm ² Nm	1 x (1.5 - 25) 2 x (1.5 - 6)
Terminal screw Tightening torque for terminal screw Technical safety parameters:			1 x (1.5 - 25) 2 x (1.5 - 6) M5 3
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes			1 x (1.5 - 25) 2 x (1.5 - 6) M5
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types			1 x (1.5 - 25) 2 x (1.5 - 6) M5 3
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts		Nm	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage	Ue		1 x (1.5 - 25) 2 x (1.5 - 6) M5 3
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage Rated uninterrupted current max.	U _e	Nm	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage Rated uninterrupted current max. Main conducting paths	Ue	Nm V AC	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1 600
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage Rated uninterrupted current max. Main conducting paths General use	Ue	Nm	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage Rated uninterrupted current max. Main conducting paths General use Auxiliary contacts		Nm V AC A	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1 600 60
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage Rated uninterrupted current max. Main conducting paths General use Auxiliary contacts General Use	Ue	Nm V AC	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1 600 60 60 60 10
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage Rated uninterrupted current max. Main conducting paths General use Auxiliary contacts		Nm V AC A	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1 600 60
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage Rated uninterrupted current max. Main conducting paths General use Auxiliary contacts General Use Pilot Duty		Nm V AC A	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1 600 600 60 10 10 A 600
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage Rated uninterrupted current max. Main conducting paths General use Auxiliary contacts General Use		Nm V AC A	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1 600 600 60 60 10 10 A 600
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage Rated uninterrupted current max. Main conducting paths General use Auxiliary contacts General Use Pilot Duty Switching capacity Maximum motor rating		Nm V AC A	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1 600 600 60 60 10 10 A 600
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage Rated uninterrupted current max. Main conducting paths General use Auxiliary contacts General Use Pilot Duty Switching capacity Maximum motor rating Single-phase		Nm V AC A A	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1 600 60 10 A 600 P 600
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage Rated uninterrupted current max. Main conducting paths General use Auxiliary contacts General Use Pilot Duty Switching capacity Maximum motor rating Single-phase 120 V AC		Nm VAC A A HP	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1 600 600 60 10 A 600 P 600 3
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage Rated uninterrupted current max. Main conducting paths General use Auxiliary contacts General Use Pilot Duty Switching capacity Maximum motor rating Single-phase 120 V AC 200 V AC		Nm VAC A A HP HP	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1 600 600 60 60 10 A 600 P 600 3 3 3 7.5
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage Rated uninterrupted current max. Main conducting paths General use Auxiliary contacts General Use Pilot Duty Switching capacity Maximum motor rating Single-phase 120 V AC 200 V AC 240 V AC		Nm VAC A A HP	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1 600 600 60 10 A 600 P 600 3
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage Rated uninterrupted current max. Main conducting paths General use Auxiliary contacts General Use Pilot Duty Switching capacity Maximum motor rating Single-phase 120 V AC 240 V AC Three-phase		Nm VAC A A HP HP	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1 600 600 60 60 10 A 600 P 600 9 600 10 3 7.5 10 10 10 10 10 10 10 10 10 10
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage Rated uninterrupted current max. Main conducting paths General use Auxiliary contacts General Use Pilot Duty Switching capacity Maximum motor rating Single-phase 120 V AC 200 V AC 200 V AC 200 V AC		Nm VAC A A A HP HP HP	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1 600 60 60 10 A 600 P 600 9 600 10 3 3 7.5 10 10 10 10 10 10 10 10 10 10
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage Rated uninterrupted current max. Main conducting paths General use Auxiliary contacts General Use Pilot Duty Switching capacity Maximum motor rating Single-phase 120 V AC 240 V AC Three-phase 200 V AC 240 V AC		Nm VAC A A A HP HP HP HP	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1 600 60 60 60 10 A 600 P 600 9 600 10 3 3 7.5 10 10 10 10 10 10 10 10 10 10
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage Rated uninterrupted current max. Main conducting paths General use Auxiliary contacts General Use Pilot Duty Switching capacity Maximum motor rating Single-phase 120 V AC 200 V AC 200 V AC 200 V AC 480 V AC		Nm VAC A A A HP HP HP HP HP	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1 600 600 60 60 60 10 A 600 P 600 9 600 10 3 3 3 3 5 5 10 15 15 15 15 15 10 40
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage Rated uninterrupted current max. Main conducting paths General use Auxiliary contacts General Use Pilot Duty Switching capacity Maximum motor rating Single-phase 120 V AC 200 V AC 200 V AC 200 V AC 480 V AC 600 V AC		Nm VAC A A A HP HP HP HP HP HP HP	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1 600 60 60 60 10 A 600 P 600 9 600 10 3 3 7.5 10 10 10 10 10 10 10 10 10 10
Terminal screw Tightening torque for terminal screw Technical safety parameters: Notes Rating data for approved types Contacts Rated operational voltage Rated uninterrupted current max. Main conducting paths General use Auxiliary contacts General Use Pilot Duty Switching capacity Maximum motor rating Single-phase 120 V AC 200 V AC 200 V AC 480 V AC 480 V AC		Nm VAC A A A HP HP HP HP HP	1 x (1.5 - 25) 2 x (1.5 - 6) M5 3 B10 _d values as per EN ISO 13849-1, table C1 600 600 60 60 60 10 A 600 P 600 9 600 10 3 3 3 3 5 5 10 15 15 15 15 15 10 40

max. Fuse	А	150
Terminal capacity		
Solid or flexible conductor with ferrule	AWG	14 - 2
Terminal screw		M5
Tightening torque	lb-in	26.5

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	In	А	63
Heat dissipation per pole, current-dependent	P _{vid}	W	4.5
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])

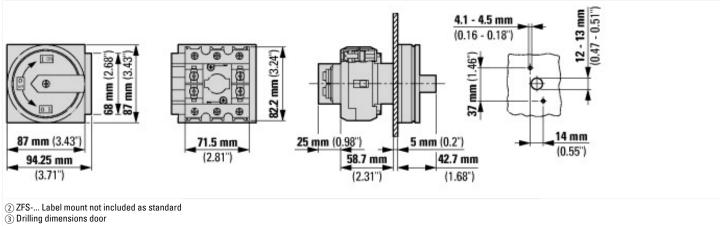
Version as main switch		Yes
Version as maintenance-/service switch		Yes
Version as safety switch		No
Version as emergency stop installation		Yes
Version as reversing switch		No
Number of switches		1
Max. rated operation voltage Ue AC	V	690
Rated operating voltage	V	690 - 690

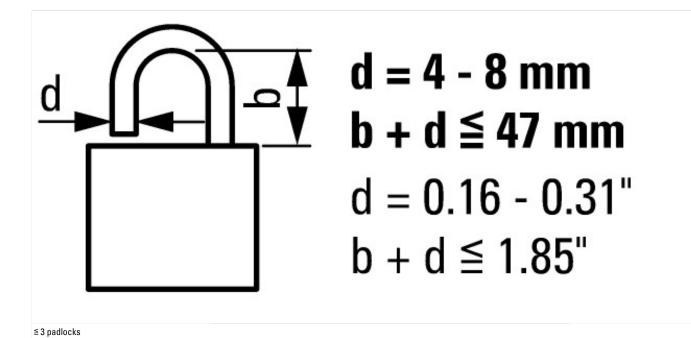
Area of permanent current at AC-23, 400 V A Since of the second			
Aread parament current ta AC-21, 400 V A Since of the second sec	Rated permanent current lu	A	63
Rate operation power at AC-3, 400 V Image: space of the	Rated permanent current at AC-23, 400 V	А	63
Rated short-time withstand current low Image: Rate of protection power at AC-23, 400 V Image: Rate of protection power at A00 V Image: Rate of protection power at A00 V Switching power at 400 V Image: Rate of protection current lq Image: Rate of protecurrent lq Image: Rate of pr	Rated permanent current at AC-21, 400 V	А	63
Reted operation power at AC-23, 400 V Image: Provide an anticipation power at 400 V Provide at 400 V Provid 400 V Provide at 400 V Provi	Rated operation power at AC-3, 400 V	kW	30
Witching power at 400 V Image: Power at 400 V	Rated short-time withstand current lcw	kA	1.26
Andread short-circuit current lq Image: A standard standard short-circuit current lq Image: A standard sta	Rated operation power at AC-23, 400 V	kW	30
Number of poles 3 Number of auxiliary contacts as normally closed contact 1 Number of auxiliary contacts as normally open contact 1 Number of auxiliary contacts as normally open contact 1 Number of auxiliary contacts as normally open contact 1 Number of auxiliary contacts as change-over contact 0 Motor drive optional 0 Motor drive integrated 0 Voltage release optional 0 Suitable for ground mouting 0 Suitable for front mouting 4-hole 0 Suitable for instinution bard installation 0 Suitable for instruction formation 0 Suitable for instructin element 0 <	Switching power at 400 V	kW	30
Number of auxiliary contacts as normally obsed contact I I Number of auxiliary contacts as normally open contact I I Number of auxiliary contacts as change-over contact I I Motor drive optional I I I Motor drive integrated I I I I Voltage release optional I	Conditioned rated short-circuit current Iq	kA	4
Number of auxiliary contacts as normally open contact Image: Provide a strain open contact Number of auxiliary contacts as change-over contact Image: Provide a strain open contact Motor drive optional Image: Provide a strain open contact Motor drive optional Image: Provide a strain open contact Motor drive integrated Image: Provide a strain open contact Voltage release optional Image: Provide a strain open contact Suitable for ground mounting Image: Provide a strain open contact Suitable for front mounting open contact Image: Provide a strain open contact Suitable for front mounting open contact Image: Provide a strain open contact Suitable for intermediate mounting Image: Provide a strain open contact Suitable for intermediate mounting Image: Provide a strain open contact Suitable for intermediate mounting Image: Provide a strain open contact Suitable for intermediate mounting Image: Provide a strain open contact Suitable for intermediate mounting Image: Provide a strain open contact Suitable for intermediate mounting Image: Provide a strain open contact Suitable for intermediate mounting Image: Provide a strain open contact Suitable for intermediate mounting Image: Provide a strain open contact<	Number of poles		3
Number of auxiliary contacts as change-over contact Image: solution 0 Motor drive optional No No Motor drive integrated No No Voltage release optional No No Device construction Image: solution Solution Suitable for ground mounting Image: solution No Suitable for fort mounting 0-entre Image: solution No Suitable for fort mounting centre No No Suitable for intermediate mounting Image: solution No Suitable for intermediate mounting in thorintermediate mounting Image: solution <td>Number of auxiliary contacts as normally closed contact</td> <td></td> <td>1</td>	Number of auxiliary contacts as normally closed contact		1
Motor drive optional No Motor drive integrated No Voltage release optional No Device construction Suitable for ground mounting Suitable for ground mounting 4-hole Suitable for front mounting 2-hole Suitable for front mounting centre No Suitable for front mounting centre No Suitable for intermediate mounting So in coupling rotary drive Suitable for intermediate mounting So in coupling rotary drive	Number of auxiliary contacts as normally open contact		1
Motor drive integrated No Voltage release optional No Device construction Suit-in device fixed built-in technique Suitable for ground mounting No Suitable for front mounting 4-hole No Suitable for front mounting centre Yes Suitable for intermediate mounting No Suitable for intermediate mounting No Solutable for intermediate mounting No Suitable for intermediate mounting Suitable Suitable for intermediate mounting Suitable Suitable for	Number of auxiliary contacts as change-over contact		0
Voltage release optional No Device construction Built-in device fixed built-in technique Suitable for ground mounting No 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 No Type of centre So Type of electrical connection of main circuit So Supe of protection (IP), front side So	Motor drive optional		No
Device constructionBuilt-in device fixed built-in techniqueSuitable for ground mountingNoSuitable for front mounting 4-holeYesSuitable for front mounting centreNoSuitable for fixit buiton board installationNoSuitable for intermediate mountingNoSuitable for intermediate mountingNoColour control elementNoType of control elementSorce coupling rotary driveInterlockableYesType of electrical connection of main circuitYesDevice of up of the protection (IP), front sideYesType of control (IP), front sideYes	Motor drive integrated		No
Suitable for ground mountingNoSuitable for front mounting 4-holeYesSuitable for front mounting centreNoSuitable for distribution board installationNoSuitable for intermediate mountingNoSuitable for intermediate mountingNoColour control elementNoType of control elementSeconcuping rotary driveInterlockableYesType of electrical connection of main circuitYesPegree of protection (IP), front sideInterlockableInterlockableInterlockableInterlockableScrew connectionInterlockableScrew connectionInterlockableInterlockableInterlockableScrew connectionInterlockableInterlockableInterlockableScrew connectionInterlockableInterlockableInterlockableScrew connectionInterlockableInterlockableInterlockableInterlockableInterlockableScrew connectionInterlockable </td <td>Voltage release optional</td> <td></td> <td>No</td>	Voltage release optional		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 Sectore Degree of protection (IP), front side Sectore	Device construction		Built-in device fixed built-in technique
Suitable for front mounting centreNoSuitable for distribution board installationMoSuitable for intermediate mountingMoColour control elementMoType of control elementMoInterlockableMoType of electrical connection of main circuitMoDegree of protection (IP), front sideMo	Suitable for ground mounting		No
Suitable for distribution board installationNoSuitable for intermediate mountingNoColour control elementRedType of control elementDoor coupling rotary driveInterlockableYesType of electrical connection of main circuitSorew connectionDegree of protection (IP), front sideSorew connection	Suitable for front mounting 4-hole		Yes
Suitable for intermediate mountingNoSuitable for intermediate mountingNoColour control elementRedType of control elementDoor coupling rotary driveInterlockableYesType of electrical connection of main circuitSorew connectionDegree of protection (IP), front sideSorew connection	Suitable for front mounting centre		No
Colour control elementRedType of control elementDoor coupling rotary driveInterlockableYesType of electrical connection of main circuitScrew connectionDegree of protection (IP), front sideGoot Screw connection	Suitable for distribution board installation		No
Type of control element Door coupling rotary drive Interlockable Yes Type of electrical connection of main circuit Core wornection Degree of protection (IP), front side Software	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 Screw connection Degree of protection (IP), front side 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

Annrovals

Approvais	
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





06/16/2021