DATASHEET - PLS6-C50-DC-MW



Miniature circuit breaker (MCB), 50A, 1p, type C characteristic, DC



PLS6-C50-DC-MW 243127



Delivery program

		Miniature circuit-breakers
		1 pole
		C
		Switchgear for DC applications
In	А	50
l _{cu}	kA	6
		PLS6

Technical data

	0.041.0.0	
- E I	ectrical	

|--|

Design verification as per IEC/EN 61439

Rated operational current for specified heat dissipation In A 50 Heat dissipation per pole, current-dependent Pvid W 0 Equipment heat dissipation, current-dependent Pvid W 4.6 Static heat dissipation, non-current-dependent Pvs W 0 Heat dissipation capacity Pdiss W 0 Operating ambient temperature min. Pdiss V 0 Operating ambient temperature max. Pdiss C 25 Image: Part Part Part Part Part Part Part Part	Design vernication as per ILG/LIV 01455			
Heat dissipation per pole, current-dependent Ped Wei Equipment heat dissipation, current-dependent Ped Wei 4.5 Static heat dissipation, non-current-dependent Ped Wei 0 Heat dissipation capacity Pedis Wei 0 Operating ambient temperature min. °C .5 .5 Operating ambient temperature max. °C .5 .5 EVEN 61438 design verification of resistance of insulating materials to normal heat .6 .6 .6 102.2 Corrosion resistance of insulating materials to normal heat .6 .	Technical data for design verification			
Equipment heat dissipation, current-dependent Pair Wat 45 Static heat dissipation, current-dependent Pair Wat 0 Heat dissipation capacity Pairs Wat 0 Operating ambient temperature min. Pairs Co 25 Operating ambient temperature max. Fo 1000000000000000000000000000000000000	Rated operational current for specified heat dissipation	I _n	А	50
Static heat dissipation, non-current-dependent Pairs Weil Plain Plain Weil 0 Operating ambient temperature min. Plain C 25 Operating ambient temperature max. "C 7 7 EC/EM 61439 design verification Meters Person Meters the product standard's requirements. 102.22 Corrosion resistance Meters the product standard's requirements. Meters the product standard's requirements. 102.23 Verification of resistance of insulating materials to normal heat Meters the product standard's requirements. 102.23 Verification of resistance of insulating materials to abnormal heat Meters the product standard's requirements. 102.23 Verification of resistance of insulating materials to abnormal heat Meters the product standard's requirements. 102.23 Verification of resistance of insulating materials to abnormal heat Meters the product standard's requirements. 102.24 Resistance to ultra-violet (UV) radiation Meters the product standard's requirements. 102.25 Urifies Meters the product standard's requirements. 102.20 Inscriptions Meters the product standard's requirements. 102.20 Inscriptions Meters the product standard's requirements. <tr< td=""><td>Heat dissipation per pole, current-dependent</td><td>P_{vid}</td><td>W</td><td>0</td></tr<>	Heat dissipation per pole, current-dependent	P _{vid}	W	0
Hat dissipation capacity Poiss W Qperating ambient temperature min. °C 25 Operating ambient temperature max. °C 75 ECE/EN 61439 design verification Inear, per 41 °C, results in a 0.5% reduction of current carrying capacity 10.2.5 trength of materials and parts Meets the product standard's requirements. 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 heet Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to abnormal heet Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to abnormal heet Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to abnormal heet Meets the product standard's requirements. 10.2.4 Resistance to ultra-violet (UV) radiation Meets the product standard's requirements. 10.2.5 Urbing Des not apply, since the entire switchgear needs to be evaluated. 10.4.2 Resistance to ultra-violet (UV) radiation Meets the product standard's requirements. 10.2.5 Urbing	Equipment heat dissipation, current-dependent	P _{vid}	W	4.6
operating ambient temperature min. operating ambient temperature max. cs Operating ambient temperature max. 75 EXE/EN 6439 design verification Inter, per +1 °C, results in a 0.5% reduction of current carrying capacity 10.2 Strength of materials and parts Mests the product standard's requirements. 10.2.2 Corrosion resistance Mests the product standard's requirements. 10.2.3.1 Verification of thermal stability of enclosures Mests the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal head Mests the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to abornmal head Mests the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to abornmal head Mests the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to abornmal head Mests the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to abornmal head Mests the product standard's requirements. 10.2.4 Resistance to ultra-violet (UV) radiation Des not apply, since the entire switchgear needs to be evaluated. 10.2.5 Uriting Des not apply, since the entire switchgear needs to be evaluated. 10.2.6 Meschanization of ASSEMBLES De	Static heat dissipation, non-current-dependent	P _{vs}	W	0
Operating ambient temperature max. °C 75 EVEN 61439 design verification Inear, per +1 °C, results in a 0.5% reduction of current carrying capacity EUEN 61439 design verification Mets the product standard's requirements. 102.25 trength of materials and parts Mets the product standard's requirements. 102.31 Verification of thermal stability of enclosures Mets the product standard's requirements. 102.32.3 Verification of resistance of insulating materials to abnormal heat dir due to internal electric effects Mets the product standard's requirements. 102.31 Verification of resistance of insulating materials to abnormal heat dir due to internal electric effects Mets the product standard's requirements. 102.32 Verification of resistance of insulating materials to abnormal heat dir due to internal electric effects Mets the product standard's requirements. 102.51 Uriting Des not apply, since the entire switchgear needs to be evaluated. 102.51 Uriting Des not apply, since the entire switchgear needs to be evaluated. 102.51 Descriptions Des not apply, since the entire switchgear needs to be evaluated. 102.51 Descriptions Des not apply, since the entire switchgear needs to be evaluated. 102.51 Descriptions Des not apply, since the entire switchgear needs to be evaluated. 102.51 Descriptions <td< td=""><td>Heat dissipation capacity</td><td>P_{diss}</td><td>W</td><td>0</td></td<>	Heat dissipation capacity	P _{diss}	W	0
Interaction Interact, per +1 °C, results in a 0.5% reduction of current carrying capacity EEX/EN 81439 design verification Interact, per +1 °C, results in a 0.5% reduction of current carrying capacity 102.2 Strength of materials and parts Meets the product standard's requirements. 102.2.3 Verification of thermal stability of enclosures Meets the product standard's requirements. 102.3.2 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects Meets the product standard's requirements. 102.2.4 Resistance to ultra-violet (UV) radiation Meets the product standard's requirements. 102.2.5 Lifting Does not apply, since the entire switchgear needs to be evaluated. 102.5 Los protection of ASSEMBLIES Dees 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 Dees not apply, since the entire switchgear needs to be evaluated. 10.5 Internal electric dircuits and components Dees not apply, since the entire switchgear needs to be evaluated. 10.5 Protection against electric strength Is the panel builder's responsibility. 10.8 Connections for external conductors Is the panel builder's responsibility. 10.9 Insulation properties Is the	Operating ambient temperature min.		°C	-25
EC/EN 81439 design verification Intervention 102.2 Strength of materials and parts Meets the product standard's requirements. 102.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 102.3.2 Verification of resistance of insulating materials to abnormal heat Meets the product standard's requirements. 102.3.2 Verification of resistance of insulating materials to abnormal heat Meets the product standard's requirements. 102.3.2 Verification of resistance to ultra-violet (UV) radiation Meets the product standard's requirements. 102.5 Lifting Does not apply, since the entire switchgear needs to be evaluated. 102.7 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 of switching devices and components Does not apply, since the entire switchgear needs to be evaluated. 10.6 Incorporation of switching devices and components Does not apply, since the entire switchgear needs to be evaluated. 10.6 Incorporation of switching devices and components Does not apply, since the entire switchgear needs to be evaluated. 10.8 Connections for external conductors Is the panel builder's responsibility.	Operating ambient temperature max.		°C	75
10.2 Strength or materials and partsMets the product standard's requirements.10.2.3.1 Verification of thermal stability of enclosuresMets the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effectsMets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMets the product standard's requirements.10.2.5 LiftingDees not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsDees not apply, since the entire switchgear needs to be evaluated.10.3.0 Burgee of protection of ASSEMBLIESDees not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesDees not apply, since the entire switchgear needs to be evaluated.10.5 Protection against electric shockDees not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsDees not apply, since the entire switchgear needs to be evaluated.10.7 Internal electrical circuits and connectionsDees not apply, since the entire switchgear needs to be evaluated.10.8 Connections for external conductorsDees not apply, since the entire switchgear needs to be evaluated.10.9 Insulation propertiesDees not apply, since the entire switchgear needs to be evaluated.10.9 Prover frequency electric strengthEts the panel builder's responsibility.10.9 Prover frequency electric strengthSte panel builder's responsibility.10.9 Drever frequency electric strengthSte panel builder's responsibility.10.9 Drever frequency electric st				linear, per +1 °C, results in a 0.5% reduction of current carrying capacity
10.2.2 Corrosion resistanceMeets the product standard's requirements.10.2.3.1 Verification of thermal stability of enclosuresMeets the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to normal heat and fire due to intermal electric effectsMeets the product standard's requirements.10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to intermal electric effectsMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingDees not apply, since the entire switchgear needs to be evaluated.10.2.6 Mechanical impactDees not apply, since the entire switchgear needs to be evaluated.10.3.1 RegriptionsMeets the product standard's requirements.10.4 Clearances and creepage distancesDees not apply, since the entire switchgear needs to be evaluated.10.5 Protection against electric shockDees not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsDees not apply, since the entire switchgear needs to be evaluated.10.7 Internal electrical circuits and connectionsMeets the product standard's requirements.10.8 Connections for external conductorsIs the panel builder's responsibility.10.9 Insulation propertiesIs the panel builder's responsibility.10.9.2 Power-frequency electric strengthIs the panel builder's responsibility.10.9.2 Power-frequency electric strengthIs the panel builder's responsibility.10.9.3 Impulse withstand voltageIs the panel builder's resp	IEC/EN 61439 design verification			
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. 10.2.3.2 Verification of resistance of insulating materials to abnormal heat Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to abnormal heat Meets the product standard's requirements. 10.2.4 Resistance to ultra-violet (UV) radiation Meets the product standard's requirements. 10.2.5 Lifting Does not apply, since the entire switchgear needs to be evaluated. 10.2.6 Mechanical inpact Does not apply, since the entire switchgear needs to be evaluated. 10.3.0 Begree of protection of ASSEMBLIES Does not apply, since the entire switchgear needs to be evaluated. 10.4 Clearances and creepage distances Does not apply, since the entire switchgear needs to be evaluated. 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 electric al circuits and connections External builder's responsibility. 10.8 Connections for external conductors Is the panel builder's responsibility. 10.9 Insulation properties Is	10.2 Strength of materials and parts			
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 Meets the product standard's requirements. 10.2.3.3 Verification of resistance of insulating materials to abnormal heat Meets the product standard's requirements. 10.2.4 Resistance to ultra-violet (UV) radiation Meets the product standard's requirements. 10.2.5 Lifting 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. 10.7 Internal electrical circuits 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 Is the panel builder's responsibility. 10.9.1 Musules withstand voltage Is the panel builder's responsibility.	10.2.2 Corrosion resistance			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 Meets the product standard's requirements. 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. 10.3.7 Inscriptions Meets the product standard's requirements. 10.4 Clearances and creepage distances Does not apply, since the entire switchgear needs to be evaluated. 10.5 Protection against electric shock Does not apply, since the entire switchgear needs to be evaluated. 10.5 Incorporation of switching devices and components Does not apply, since the entire switchgear needs to be evaluated. 10.7 Internal electrical circuits and connections Does not apply, since the entire switchgear needs to be evaluated. 10.7 Internal electrical circuits and connections Does not apply, since the entire switchgear needs to be evaluated. 10.9 Insulation properties Is the panel builder's responsibility. 10.9.1 Neural electric strength Is the panel builder's responsibility. 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.	10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
and fire due to internal electric effects Meets the product standard's requirements. 10.2.4 Resistance to ultra-violet (UV) radiation Meets the product standard's requirements. 10.2.5 Lifting Does not apply, since the entire switchgear needs to be evaluated. 10.2.6 Mechanical impact Meets the product standard's requirements. 10.2.7 Inscriptions Meets the product standard's requirements. 10.3.0 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. 10.8 Connections for external conductors Is the panel builder's responsibility. 10.9.1 Insulation properties Is the panel builder's responsibility. 10.9.2 Power-frequency electric strength Is the panel builder's responsibility. 10.9.3 Inpulse withstand voltage Is the panel builder's responsibility.	10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.6 Mechanical impactDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsMeets the product standard's requirements.10.7 Internal electrical circuits and connectionsMeets the panel builder's responsibility.10.9 Insulation propertiesIs the panel builder's responsibility.10.9.2 Power-frequency electric strengthMeets the panel builder's responsibility.10.9.3 Impulse withstand voltageMeets the panel builder's responsibility.				Meets the product standard's requirements.
10.2.6 Mechanical impactDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsDoes not apply, since the entire switchgear needs to be evaluated.10.7 Internal electrical circuits and connectionsMeets the panel builder's responsibility.10.9 Insulation propertiesIs the panel builder's responsibility.10.9.2 Power-frequency electric strengthIs the panel builder's responsibility.10.9.3 Impulse withstand voltageIs the panel builder's responsibility.	10.2.4 Resistance to ultra-violet (UV) radiation			Meets the product standard's requirements.
10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsDoes not apply, since the entire switchgear needs to be evaluated.10.7 Internal electrical circuits and connectionsMeets the product 's responsibility.10.8 Connections for external conductorsHere and the panel builder's responsibility.10.9 Insulation propertiesIs the panel builder's responsibility.10.9.2 Power-frequency electric strengthMeets the panel builder's responsibility.10.9.3 Impulse withstand voltageIs the panel builder's responsibility.	10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.3 Degree of protection of ASSEMBLIESOes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsMeets10.7 Internal electrical circuits and connectionsMeets10.8 Connections for external conductorsMeets10.9 Insulation propertiesMeets the panel builder's responsibility.10.9.2 Power-frequency electric strengthMeets10.9.3 Impulse withstand voltageMeets10.9.1 Substant voltageMeets the panel builder's responsibility.	10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsImage: Component Scene Component	10.2.7 Inscriptions			Meets the product standard's requirements.
10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsDoes not apply, since the entire switchgear needs to be evaluated.10.7 Internal electrical circuits and connectionsImage: Connections for external conductorsImage: Connections for external conductors10.9 Insulation propertiesImage: Connection strengthImage: Connection strengthImage: Connection strength10.9.2 Power-frequency electric strengthImage: Connection strengthImage: Connection strengthImage: Connection strength10.9.3 Impulse withstand voltageImage: Connection strengthImage: Connection strengthImage: Connection strength10.9.3 Impulse withstand voltageImage: Connection strengthImage: Connection strengthImage: Connection strength10.9.3 Impulse withstand voltageImage: Connection strengthImage: Connection strengthImage: Connection strength10.9.3 Impulse withstand voltageImage: Connection strengthImage: Connection strengthImage: Connection strength10.9.3 Impulse withstand voltageImage: Connection strengthImage: Connection strengthImage: Connection strength10.9.3 Impulse withstand voltageImage: Connection strengthImage: Connection strengthImage: Connection strength10.9.3 Impulse withstand voltageImage: Connection strengthImage: Connection strengthImage: Connection strength10.9.3 Impulse withstand voltageImage: Connection strengthImage: Connection strengthImage: Connection strength10.9.4 Image: Connection streng	10.3 Degree of protection of ASSEMBLIES			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 Is the panel builder's responsibility. 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.	10.4 Clearances and creepage distances			Meets the product standard's requirements.
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 Is the panel builder's responsibility. 10.9.2 Power-frequency electric strength Is the panel builder's responsibility. 10.9.3 Inpulse withstand voltage Is the panel builder's responsibility.	10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.8 Connections for external conductors Is the panel builder's responsibility. 10.9 Insulation properties Is the panel builder's responsibility. 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.	10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.9 Insulation properties Image: Constraint of the panel builder's responsibility. 10.9.2 Power-frequency electric strength Image: Constraint of the panel builder's responsibility. 10.9.3 Impulse withstand voltage Image: Constraint of the panel builder's responsibility.	10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
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.	10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage	10.9 Insulation properties			
	10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material 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

Circuit breakers and fuses (EG000020) / Miniature circuit breaker (MCB) (EC000042)				
Electric engineering, automation, process control engineering / Electrical installation, device / Miniature circuit breaker system (MCB) / Miniature circuit breaker (MCB) (ecl@ss10.0.1-27-14-19-01 [AAB905014])				
Release characteristic		C		
Number of poles (total)		1		
Number of protected poles		1		
Rated current	А	50		
Rated voltage	V	220		
Rated insulation voltage Ui	V	440		
Rated impulse withstand voltage Uimp	kV	4		
Rated short-circuit breaking capacity Icn EN 60898 at 230 V	kA	0		
Rated short-circuit breaking capacity Icn EN 60898 at 400 V	kA	0		
Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V	kA	10		
Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V	kA	10		
Voltage type		DC		
Frequency	Hz	0 - 0		
Current limiting class		3		
Suitable for flush-mounted installation		No		
Concurrently switching N-neutral		No		
Over voltage category		3		
Pollution degree		2		
Additional equipment possible		Yes		
Width in number of modular spacings		1		
Built-in depth	mm	70.5		
Degree of protection (IP)		IP20		
Ambient temperature during operating	°C	-25 - 55		
Connectable conductor cross section multi-wired	mm²	1 - 25		
Connectable conductor cross section solid-core	mm²	1 - 25		