

Repair Switch 4-pole, 250A, IP65, lockable

Version Repairswitch, Rated current 250A, Poles 4, IP Rating IP65 (housing), IP10 (terminals), Neutral conductor contacts Neutral conductor early-make, late-break design (closes before and opens after the phase conductors to prevent voltage displacement)



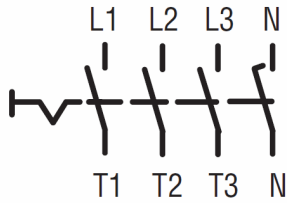
Technical Data

Version	Repairswitch
Rated current (A)	250
Poles	4
Mounting	surface mounting
Standard	IEC 60947, EN 60947, VDE 0660
Rated insulation voltage [Ui] (V)	690
Rated impulse withstand voltage [Uimp] (V)	6000
Rated short-time withstand current Icw	1000
Rated conditional short-circuit-current	10kA @ 440V / 6kA @ 690V
Frequency (Hz)	50/60
Operating Current	AC-3 - 690V - 47A AC-23A - 690V - 57A AC-21A - 690V - 250A AC-3 - 400V - 195A AC-23A - 400V - 230A

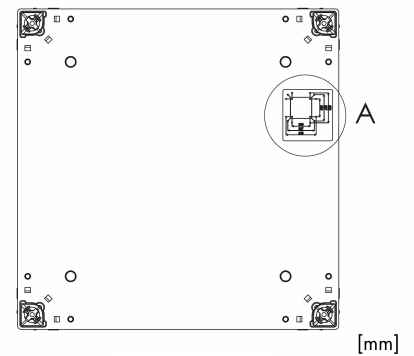
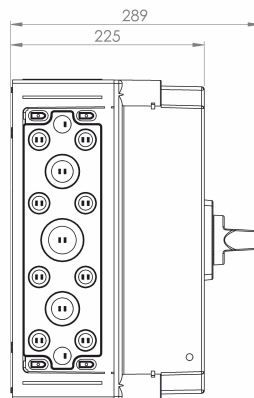
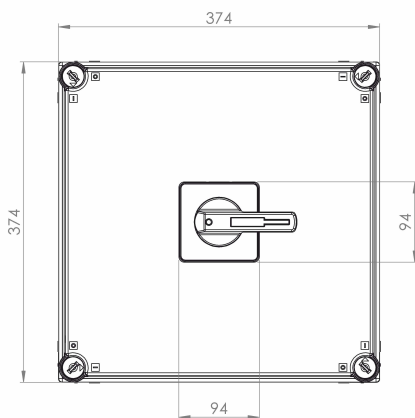
Technical Data - continued

Switching Capacity	AC-23A - 400V - 132kW AC-3 - 690V - 45kW AC-23A - 690V - 55kW AC-3 - 400V - 110kW
According to UL 508 / CSA	
Operating voltage AC (V)	600
Thermal rated continuous current (A)	250
Connections	
Conventional thermal current Ith (A)	250
Tightening torque (Nm)	3
Connection cross-section, multi-wire (mm²)	16-185
Connection cross section, single wire (mm²)	16-185
Connection cross-section, flexible wire with ferrule (mm²)	16-150
Retrofit contacts	
Auxiliary contacts	Maximum 2x INSHK001-- permitted. 1x INSHK001-- can be snapped on to the left side of the main contact and 1x INSHK001-- to the right side of the main contact. Maximum configuration 2x NC contact / 2x NO contact. The switching behavior is the same regardless of whether the auxiliary contact is snapped on to the left or right side of the main contact.
Neutral conductor contacts	Neutral conductor early-make, late-break design (closes before and opens after the phase conductors to prevent voltage displacement)
Operating temperature	-25°C to +55°C
Mechanical durability	100000 switching cycles
Power loss per pole (W)	36
Protection against direct contact	finger-proof and back-of-hand-proof according to VDE 0106 Part 100
IP Rating	IP65 (housing), IP10 (terminals)
Lockable	With 3 locks, each with a shackle lock diameter of 4-6 mm
Net length (mm)	225,00
Net width (mm)	374,00
Net height (mm)	374,00
Min. ambient temperature (°C)	-25
Max. ambient temperature (°C)	55

Schaltbild INSP141C--



Maßbild INSP141C--



Montageanleitung INSHK Hilfskontakte

Hilfskontakt
Auxiliary contact
INSHK001--



Article Table

DESCRIPTION	Order No.
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Optional Accessories	
Auxiliary Contact 1NO/1NC for INSR, INSP and INSA	
Nicht für INSE zu verwenden, Version accessories, IP Rating IP20 (terminals)	INSHK001