

Changeover Switch 1-0-2, modular, 4-pole 32A

Version changeover switch, Rated current 32A, Poles 4, IP Rating IP40 (front), IP00 (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	changeover switch
Rated current (A)	32
Poles	4
Mounting	DIN-rail
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	500
Rated conditional short-circuit-current	10kA @ 440V / 6kA @ 690V
Short-circuit protection maximum fuse	50
Frequency (Hz)	50/60

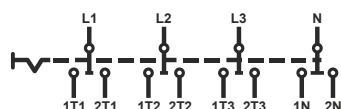
Technical Data - continued

Operating Current	AC-22A - 690V - 32A AC-23A - 690V - 13A AC-23A - 230V - 22A AC-23A - 400V - 22A AC-3 - 400V - 20A AC-3 - 690V - 11.5A AC-3 - 230V - 20A AC-21A - 690V - 32A
Switching Capacity	AC-23A - 690V - 11.5kW AC-3 - 230V - 5.5kW AC-3 - 400V - 9.5kW AC-23A - 230V - 6kW AC-3 - 690V - 9.5kW AC-23A - 400V - 11.5kW
According to UL 508 / CSA	
Connection type	UL/CSA - AWG 14-6
Operating voltage AC (V)	600
Thermal rated continuous current (A)	32
Active Power	3x600VAC - 22Hp 1x240VAC - 3Hp 3x480VAC - 20Hp 1x120VAC - 2Hp 3x240VAC - 10Hp 3x120VAC - 3Hp
Connections	
Conventional thermal current Ith (A)	32
Tightening torque (Nm)	3
Connection cross-section, multi-wire (mm²)	2,5-16
Connection cross section, single wire (mm²)	2,5-16
Connection cross-section, flexible wire with ferrule (mm²)	2,5-16
Retrofit contacts	
Auxiliary contacts	Maximum 2x INSHK001-- permitted. 1x can be snapped onto the left side of the main contact and 1x onto the right side of the main contact. Maximum configuration 2x NC contacts / 2x NO contacts (1x NC contact / 1x NO contact per switching position). ATTENTION! Switching behavior is not the same! In switching position "1", only the auxiliary contacts that have been snapped onto the corresponding main contact will switch. In switching position "2", only the auxiliary contacts that have been snapped onto the corresponding main contact will switch.
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

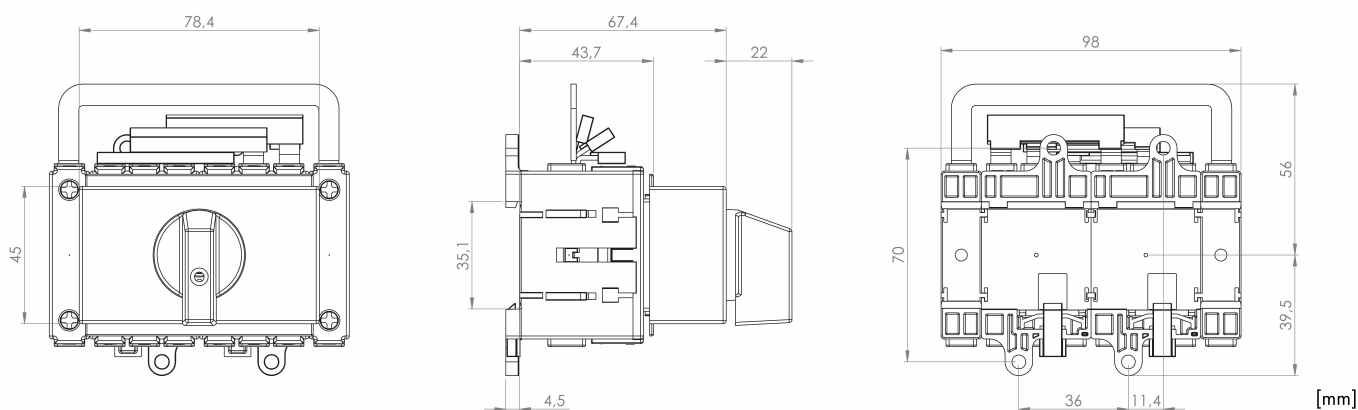
Technical Data - continued

Power loss per pole (W)	1,50
Protection against direct contact	finger-proof and back-of-hand-proof according to VDE 0106 Part 100
IP Rating	IP40 (front), IP00 (terminals)
Lockable	No
Net length (mm)	89,40
Net width (mm)	78,40
Net height (mm)	45,00
Min. ambient temperature (°C)	-25
Max. ambient temperature (°C)	55

Schaltbild INSR3432--

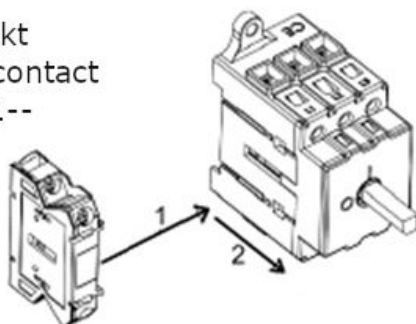


Maßbild INSR3432--

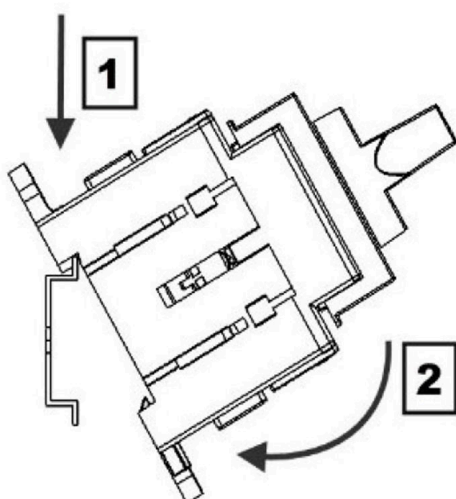


Montageanleitung INSHK Hilfskontakte

Hilfskontakt
Auxiliary contact
INSHK001--



Montageanleitung INSR Hutschienenmontage Schalter



Article Table

DESCRIPTION	Order No.
Changeover Switch 1-0-2, modular, 4-pole 32A Version changeover switch, Rated current 32A, Poles 4, IP Rating IP40 (front), IP00 (terminals), Neutral conductor contacts Neutral conductor early-make, late-break design (closes before and opens after the phase conductors to prevent voltage displacement)	INSR3432
Optional Accessories	
Auxiliary Contact 1NO/1NC for INSR, INSP and INSA Nicht für INSE zu verwenden, Version accessories, IP Rating IP20 (terminals)	INSHK001