

Data Sheet for Article: INSR441AHK

Changeover Switch Netz-0-Not, incl.AUX, modular, 4-Pole, 100A

Includes factory-installed auxiliary contacts. 1 NO + 1 NC for left and right switch positions, no retrofitting of additional auxiliary contacts possible. Version changeover switch, Rated current 100A, Poles 4, IP Rating IP40 (front), IP00 (terminals)



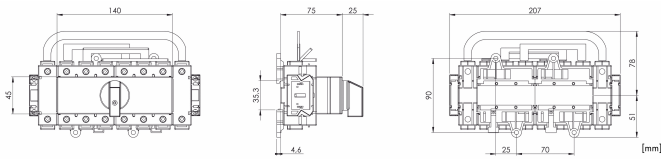
Technical Data

Version	changeover switch
Rated current (A)	100
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	1000
Rated conditional short-circuit-current	10kA @ 440V / 6kA @ 690V
Short-circuit protection maximum fuse	125
Frequency (Hz)	50/60

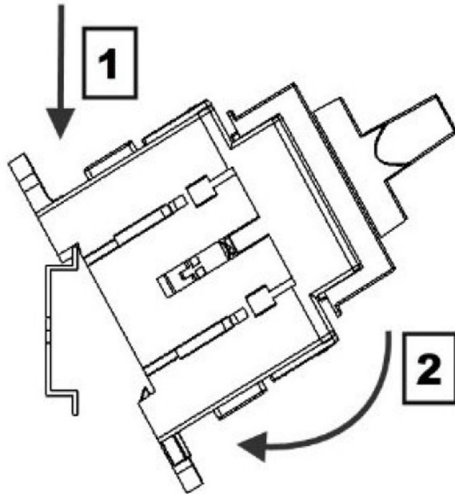
Technical Data - continued

Operating Current	AC-23A - 400V - 70A AC-23A - 690V - 34A AC-3 - 400V - 53A AC-3 - 690V - 25.5A AC-21A - 690V - 100A
Switching Capacity	AC-3 - 400V - 30kW AC-3 - 690V - 22kW AC-23A - 400V - 37kW AC-23A - 690V - 30kW
According to UL 508 / CSA	
Connection type	UL/CSA - AWG 12-1
Operating voltage AC (V)	600
Thermal rated continuous current (A)	100
Active Power	3x480VAC - 60Hp 3x240VAC - 30Hp 3x600VAC - 75Hp
Connections	
Conventional thermal current Ith (A)	100
Tightening torque (Nm)	3
Connection cross-section, multi-wire (mm ²)	4-50
Connection cross section, single wire (mm ²)	4-50
Connection cross-section, flexible wire with ferrule (mm ²)	4-35
Retrofit contacts	
Auxiliary contacts	Includes manufacturer-installed auxiliary contacts. 1NO + 1NC for left and right switch positions, no retrofitting of additional auxiliary contacts possible!
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)	7,50
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)	121,00
Net width (mm)	207,00
Net height (mm)	105,00
Min. ambient temperature (°C)	-25
Max. ambient temperature (°C)	55

Dimensioned drawing: Changeover Switch Netz-0-Not, incl.AUX, modular, 4-Pole, 100A



Montageanleitung INSR Hutschienenmontage Schalter



DESCRIPTION	Order No.
Changeover Switch Netz-0-Not, incl.AUX, modular, 4-Pole, 100A	
Includes factory-installed auxiliary contacts. 1NO + 1NC for left and right switch positions, no retrofitting of additional auxiliary contacts possible. Version changeover switch, Rated current 100A, Poles 4, IP Rating IP40 (front), IP00 (terminals)	INSR441AHK