

Data Sheet for Article: INSR441A--

Changeover Switch Netz-0-Notstrom, modular, 4-pole, 100A

Auxiliary contacts cannot be added to this switch, Alternative with auxiliary contact: INSR441AHK, Version changeover switch, Rated current 100A, Poles 4, IP Rating IP40 (front), IP00 (terminals)



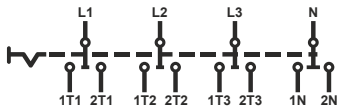
Technical Data

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

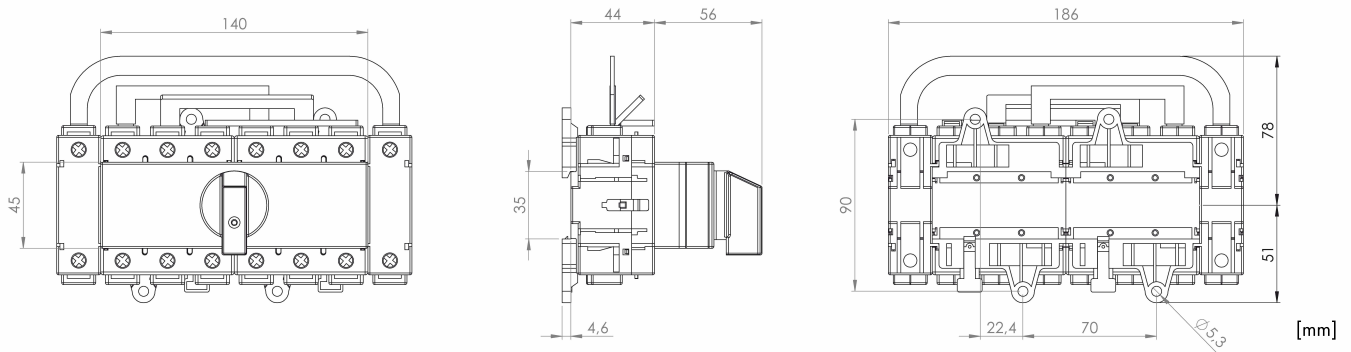
Technical Data - continued

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	Attention! No auxiliary contacts are currently available for this article. Auxiliary contact INSHK001 -- CANNOT be used!
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)	100,00
Net width (mm)	140,00
Net height (mm)	45,00
Min. ambient temperature (°C)	-25
Max. ambient temperature (°C)	55

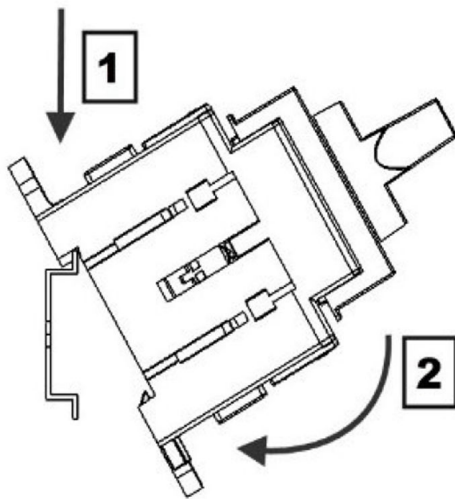
Schaltbild INSR441A--



Maßbild INSR441A--



Montageanleitung INSR Hutschienenmontage Schalter



DESCRIPTION	Order No.
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