

Data Sheet for Article: INSNK023--

N-contact for 3-pole INSE switches, 100-125A

Snap-on N-contact for retrofitting a 3-pole switch to a 4-pole switch, Can only be used with a 100-125A INSE switch, not for use with INSR, INSP, and INSA!



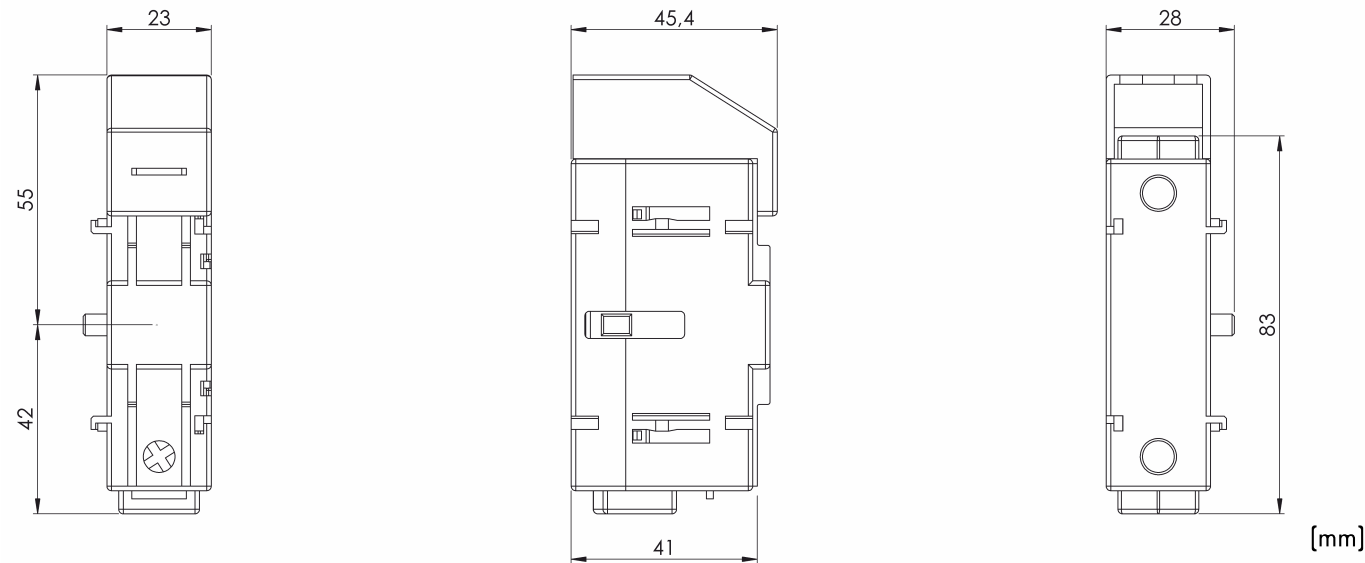
Technical Data

Version	accessories
Rated current (A)	125
Poles	1
Mounting	surface mounting
Standard	IEC 60947, EN 60947, VDE 0668
Rated insulation voltage [Ui] (V)	690
Rated impulse withstand voltage [Uimp] (V)	6000
Rated short-time withstand current I _{cw}	1000
Rated conditional short-circuit-current	10kA @ 440V / 6kA @ 690V
Short-circuit protection maximum fuse	125
Frequency (Hz)	50/60
Operating Current	AC-23A - 400V - 84A AC-3 - 400V - 70A AC-23A - 690V - 41A AC-21A - 690V - 125A AC-3 - 690V - 35A

Technical Data - continued

Switching Capacity	AC-23A - 230V - 22kW AC-3 - 690V - 30kW AC-23A - 690V - 37kW AC-3 - 400V - 37kW AC-23A - 400V - 45kW AC-3 - 230V - 22kW
According to UL 508 / CSA	
Connection type	UL/CSA - AWG 12-1
Operating voltage AC (V)	600
Thermal rated continuous current (A)	125
Active Power	3x480VAC - 75Hp 3x240VAC - 40Hp 3x600VAC - 100Hp
Connections	
Conventional thermal current I _{th} (A)	125
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	
Neutral conductor contacts	Neutral conductor early-make, late-break design (closes before and opens after the phase conductors to prevent voltage displacement) As soon as a 3-pole switch is converted to a 4-pole switch using a neutral conductor contact, NO additional auxiliary contact is permitted to be attached to the neutral conductor contact! For further information, see the data sheet for the respective switch.
Operating temperature	-25°C to +55°C
Mechanical durability	100000 switching cycles
Power loss per pole (W)	12
Protection against direct contact	finger-proof and back-of-hand-proof according to VDE 0106 Part 100
IP Rating	IP65 (front), IP10 (output terminals), IP20 (supply terminals with terminal cover and Cable cross-section bigger than 16mm ²)
Lockable	No
Net length (mm)	97,00
Net width (mm)	28,00
Net height (mm)	44,00
Min. ambient temperature (°C)	-25
Max. ambient temperature (°C)	55

Dimensioned drawing: N-contact for 3-pole INSE switches, 100-125A



DESCRIPTION	Order No.
N-contact for 3-pole INSE switches, 100-125A	
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