

N-contact for 3-pole INSE switches, 20-32A

Snap-on N-contact for retrofitting a 3-pole switch to a 4-pole switch. Can only be used with a 20-32A INSE switch. Not for use with INSR, INSP, and INSA!



Technical Data

Version	accessories
Rated current (A)	32
Poles	1
Mounting	surface mounting
Standard	IEC 60947, EN 60947, VDE 0665
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

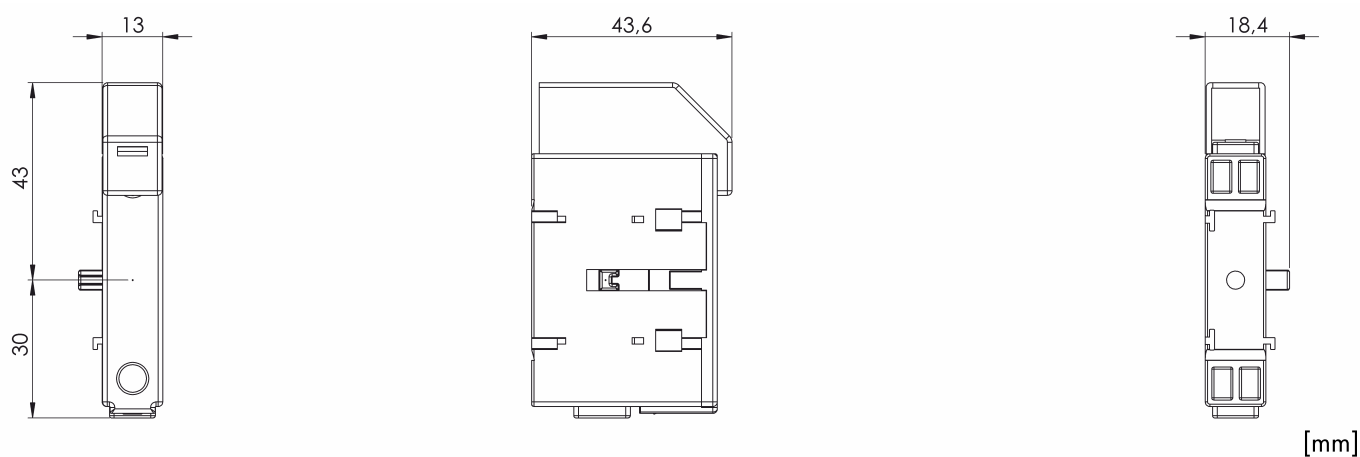
Technical Data - continued

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 I _{th} (A)	32
Tightening torque (Nm)	3
Connection cross-section, multi-wire (mm ²)	2,5-16
Connection cross section, single wire (mm ²)	2,5-16
Connection cross-section, flexible wire with ferrule (mm ²)	2,5-16
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)	1,50
Protection against direct contact	finger-proof and back-of-hand-proof according to VDE 0106 Part 100
IP Rating	IP65 (front), IP20 (terminals)
Lockable	No
Net length (mm)	73,00

Technical Data - continued

Net width (mm)	18,30
Net height (mm)	44,00
Min. ambient temperature (°C)	-25
Max. ambient temperature (°C)	55

Dimensioned drawing: N-contact for 3-pole INSE switches, 20-32A



DESCRIPTION	Order No.
N-contact for 3-pole INSE switches, 20-32A	
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