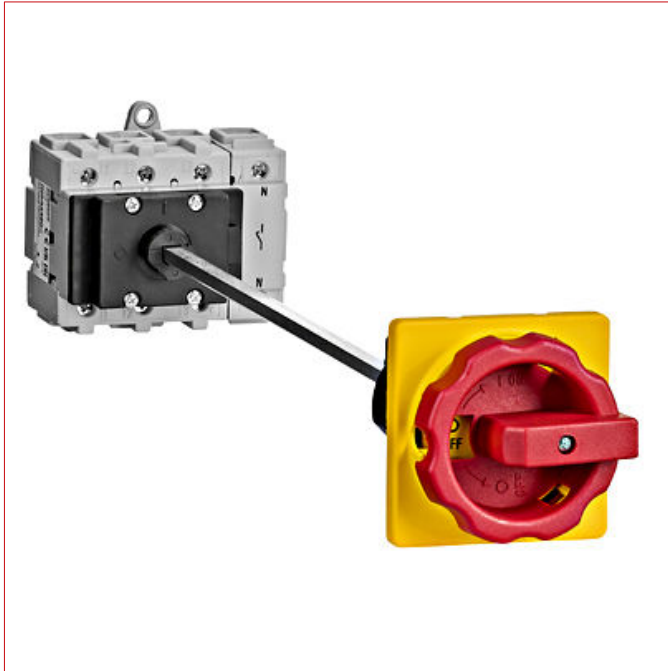


Emergency-Stop Main Switch 4-pole, base mounted, 80A

Installation depth (from DIN rail to front panel) for standard shaft length 391 mm For details, see dimension drawing, Version Emergency main switch, Rated current 80A, Poles 4, IP Rating IP54 (front), IP10 (output terminals), IP20 (supply terminals with terminal cover and Cable cross-section bigger than 6mm²)



Technical Data

Version	Emergency main switch
Rated current (A)	80
Poles	4
Mounting	in-ground mounted
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 I _{cw}	1000
Rated conditional short-circuit-current	10kA @ 440V / 6kA @ 690V
Short-circuit protection maximum fuse	80
Frequency (Hz)	50/60

Technical Data - continued

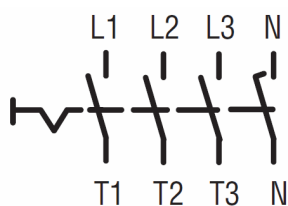
Operating Current	AC-21A - 690V - 80A AC-23A - 690V - 22A AC-23A - 400V - 43A AC-3 - 400V - 43A AC-3 - 690V - 22A
Switching Capacity	AC-23A - 400V - 30kW AC-23A - 690V - 22kW AC-3 - 690V - 18.5kW AC-3 - 400V - 22kW
According to UL 508 / CSA	
Connection type	UL/CSA - AWG 14-6
Operating voltage AC (V)	600
Thermal rated continuous current (A)	80
Active Power	3x240VAC - 15Hp 3x600VAC - 50Hp 3x480VAC - 40Hp 1x120VAC - 10Hp
Connections	
Conventional thermal current I _{th} (A)	80
Tightening torque (Nm)	3
Connection cross-section, multi-wire (mm ²)	2,5-35
Connection cross section, single wire (mm ²)	2,5-35
Connection cross-section, flexible wire with ferrule (mm ²)	2,5-16
Retrofit contacts	
Auxiliary contacts	Maximum 2x INSHK001 -- permitted. 1x INSHK001 -- can be snapped on to the left side of the main contact and 1x INSHK001 -- to the right side of the main contact. Maximum configuration 2x NC contact / 2x NO contact. The switching behavior is the same regardless of whether the auxiliary contact is snapped on to the left or right side of the main contact.
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)	5,50
Protection against direct contact	finger-proof and back-of-hand-proof according to VDE 0106 Part 100
IP Rating	IP54 (front), IP10 (output terminals), IP20 (supply terminals with terminal cover and Cable cross-section bigger than 6mm ²)
Lockable	With 3 locks, each with a shackle lock diameter of 4-8 mm
Net length (mm)	424,00
Net width (mm)	66,40
Net height (mm)	66,40
Min. ambient temperature (°C)	-25

Technical Data - continued

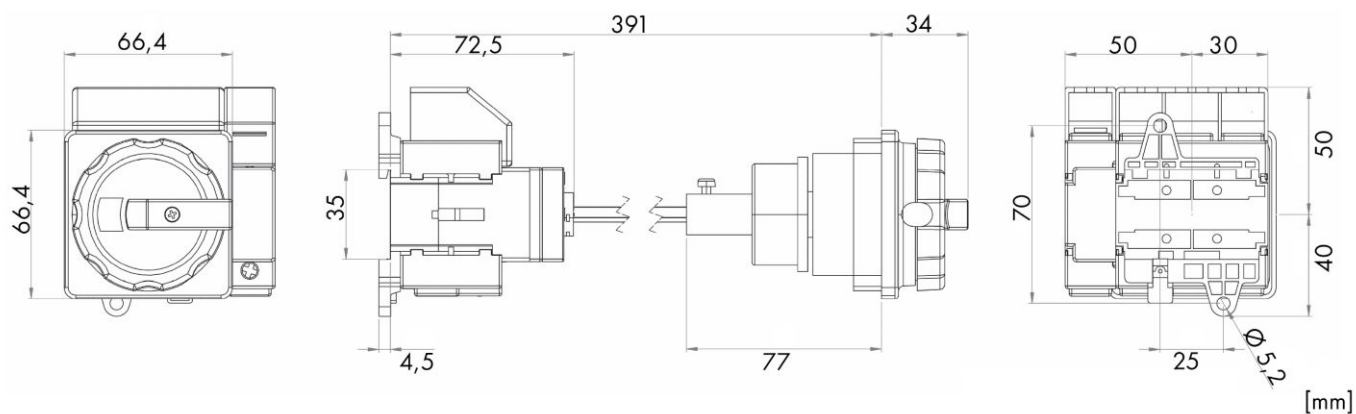
Max. ambient temperature (°C)

55

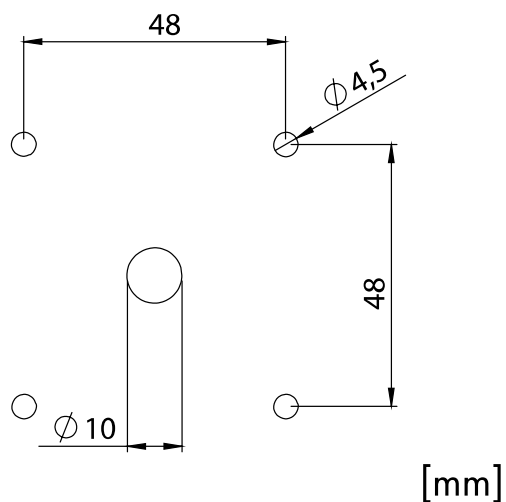
Schaltbild INSA2480--



Maßbild INSA2480--



Bohrbild INSA2480--

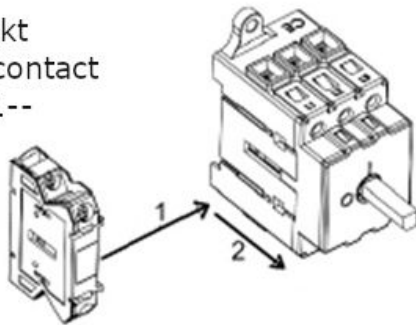


Montageanleitung INSA Bodeneinbau Schalter



Montageanleitung INSHK Hilfskontakte

Hilfskontakt
Auxiliary contact
INSHK001--



Article Table

DESCRIPTION	Order No.
Emergency-Stop Main Switch 4-pole, base mounted, 80A Installation depth (from DIN rail to front panel) for standard shaft length 391 mm For details, see dimension drawing, Version Emergency main switch, Rated current 80A, Poles 4, IP Rating IP54 (front), IP10 (output terminals), IP20 (supply terminals with terminal cover and Cable cross-section bigger than 6mm ²)	INSA2480
Optional Accessories	
Auxiliary Contact 1NO/1NC for INSR, INSP and INSA Nicht für INSE zu verwenden, Version accessories, IP Rating IP20 (terminals)	INSHK001