

# Changeover Switch Netz-0-Not, incl.AUX, modular, 4-Pole, 125A

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 125A, Poles 4, IP Rating IP40 (front), IP00 (terminals)



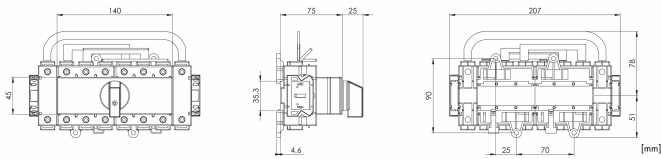
## Technical Data

|                                            |                               |
|--------------------------------------------|-------------------------------|
| Version                                    | changeover switch             |
| Rated current (A)                          | 125                           |
| 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                         |

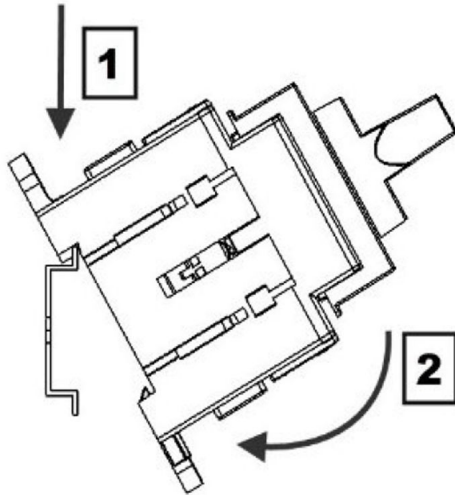
## Technical Data - continued

|                                                                         |                                                                                                                                                               |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Current                                                       | AC-23A - 400V - 84A<br>AC-3 - 400V - 70A<br>AC-23A - 690V - 41A<br>AC-21A - 690V - 125A<br>AC-3 - 690V - 35A                                                  |
| Switching Capacity                                                      | AC-3 - 690V - 30kW<br>AC-23A - 690V - 37kW<br>AC-3 - 400V - 37kW<br>AC-23A - 400V - 45kW                                                                      |
| <b>According to UL 508 / CSA</b>                                        |                                                                                                                                                               |
| Connection type                                                         | UL/CSA - AWG 12-1                                                                                                                                             |
| Operating voltage AC (V)                                                | EN 60051                                                                                                                                                      |
| Thermal rated continuous current (A)                                    | 125                                                                                                                                                           |
| Active Power                                                            | 3x480VAC - 75Hp<br>3x240VAC - 40Hp<br>3x600VAC - 100Hp                                                                                                        |
| <b>Connections</b>                                                      |                                                                                                                                                               |
| Conventional thermal current Ith (A)                                    | 125                                                                                                                                                           |
| Tightening torque (Nm)                                                  | 2,50                                                                                                                                                          |
| Connection cross-section, multi-wire (mm <sup>2</sup> )                 | 4-50                                                                                                                                                          |
| Connection cross section, single wire (mm <sup>2</sup> )                | 4-50                                                                                                                                                          |
| Connection cross-section, flexible wire with ferrule (mm <sup>2</sup> ) | 4-35                                                                                                                                                          |
| <b>Retrofit contacts</b>                                                |                                                                                                                                                               |
| 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)                                                 | 12                                                                                                                                                            |
| 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, 125A



## Montageanleitung INSR Hutschienenmontage Schalter



| DESCRIPTION                                                                                                                                                                                                                                               | Order No.  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
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