

Tehnički list za artikl: INSR2425--

## Grebenasta sklopka (glavna), 0-1/4P/ 25A, montaža na DIN nosač

Izvedba/tip Emergency sklopka, Nazivna struja 25A, Polovi 4, IP stupanj zaštite IP40 (front), IP20 (terminals), Neutral conductor contacts Neutral conductor early-make, late-break design (closes before and opens after the phase conductors to prevent voltage displacement)



### Tehnički podaci

|                                               |                               |
|-----------------------------------------------|-------------------------------|
| Izvedba/tip                                   | Emergency sklopka             |
| Nazivna struja (A)                            | 25                            |
| Polovi                                        | 4                             |
| Način montaže                                 | DIN nosač                     |
| Norma                                         | IEC 60947, EN 60947, VDE 0660 |
| Nazivni napon izolacije [Ui] (V)              | 690                           |
| Nazivni udarni podnosivi napon [Uimp] (V)     | 6000                          |
| Nazivna kratkotrajno podnosiva struja Icw     | 500                           |
| Nazivna struja kratkog spoja                  | 10kA @ 440V / 6kA @ 690V      |
| Kratkospojna zaštita, maks. rastalni osigurač | 50                            |
| Frekvencija (Hz)                              | 50/60                         |

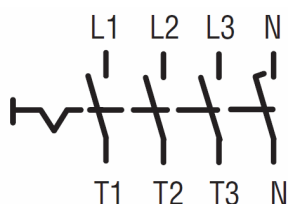
## Tehnički podaci - nastavak

|                                                             |                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Current                                           | AC-23A - 400V - 19A<br>AC-3 - 690V - 9.5A<br>AC-23A - 230V - 11A<br>AC-3 - 230V - 15A<br>AC-3 - 400V - 16A<br>AC-22A - 690V - 25A<br>AC-23A - 690V - 11A<br>AC-21A - 690V - 25A                                                                                                                                                                                    |
| Switching Capacity                                          | AC-3 - 230V - 4kW<br>AC-3 - 400V - 7.5kW<br>AC-23A - 230V - 4kW<br>AC-23A - 400V - 9kW<br>AC-23A - 690V - 9kW<br>AC-3 - 690V - 7.5kW                                                                                                                                                                                                                               |
| <b>According to UL 508 / CSA</b>                            |                                                                                                                                                                                                                                                                                                                                                                    |
| Tip priključka                                              | UL/CSA - AWG 14-6                                                                                                                                                                                                                                                                                                                                                  |
| Radni napon AC (V)                                          | 600                                                                                                                                                                                                                                                                                                                                                                |
| Thermal rated continuous current (A)                        | 25                                                                                                                                                                                                                                                                                                                                                                 |
| Active Power                                                | 1x240VAC - 3Hp<br>3x480VAC - 10Hp<br>1x120VAC - 2Hp<br>3x120VAC - 3Hp<br>3x240VAC - 7.5Hp<br>3x600VAC - 15Hp                                                                                                                                                                                                                                                       |
| <b>Priključak</b>                                           |                                                                                                                                                                                                                                                                                                                                                                    |
| Konvencionalna termička struja Ith (A)                      | 25                                                                                                                                                                                                                                                                                                                                                                 |
| Moment pritezanja (Nm)                                      | 3                                                                                                                                                                                                                                                                                                                                                                  |
| Presjek priključnih vodiča, višezilni kabel (mm²)           | 2,5-16                                                                                                                                                                                                                                                                                                                                                             |
| Presjek priključnih vodiča, Jednožični (mm²)                | 2,5-16                                                                                                                                                                                                                                                                                                                                                             |
| Presjek priključnih vodiča, finožični kabel s tuljkom (mm²) | 2,5-16                                                                                                                                                                                                                                                                                                                                                             |
| <b>Retrofit contacts</b>                                    |                                                                                                                                                                                                                                                                                                                                                                    |
| Pomoćni kontakti                                            | 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)                                                                                                                                                                                                                               |
| Radna temperatura                                           | -25°C to +55°C                                                                                                                                                                                                                                                                                                                                                     |
| Mehanički životni vijek                                     | 100000 switching cycles                                                                                                                                                                                                                                                                                                                                            |
| Gubitak snage po polu (W)                                   | 0,90                                                                                                                                                                                                                                                                                                                                                               |
| Zaštita od dodira                                           | finger-proof and back-of-hand-proof according to VDE 0106 Part 100                                                                                                                                                                                                                                                                                                 |
| IP stupanj zaštite                                          | IP40 (front), IP20 (terminals)                                                                                                                                                                                                                                                                                                                                     |

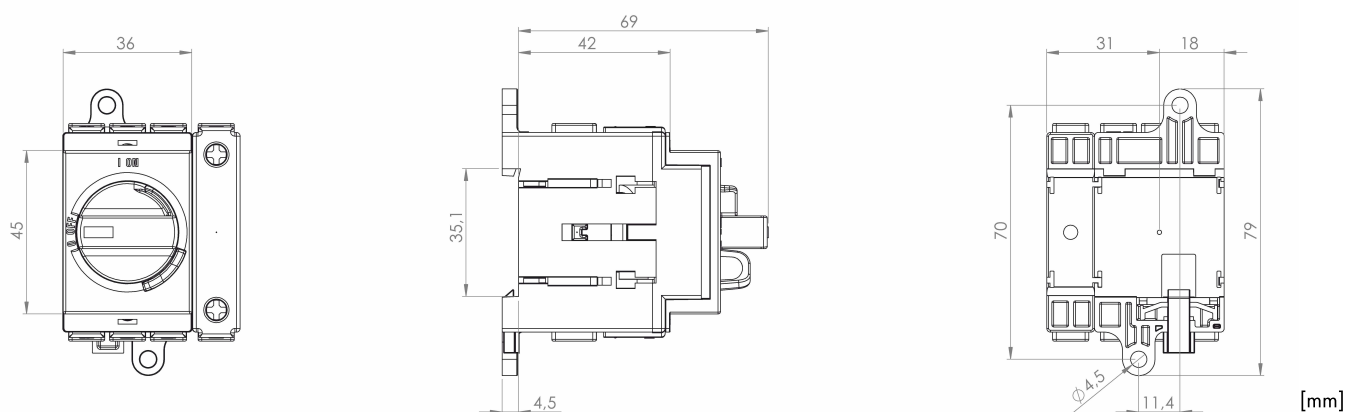
## Tehnički podaci - nastavak

|                                |                                                           |
|--------------------------------|-----------------------------------------------------------|
| Lockable                       | With 2 locks, each with a shackle lock diameter of 4-6 mm |
| Neto duljina (mm)              | 81,00                                                     |
| Neto širina (mm)               | 49,00                                                     |
| Neto visina (mm)               | 45,00                                                     |
| Min. temperatura okoline (°C)  | -25                                                       |
| Maks. temperatura okoline (°C) | 55                                                        |

## Schaltbild INSR2425--

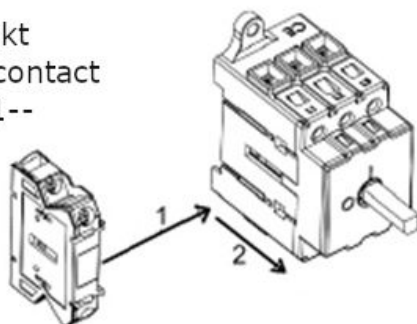


## Maßbild INSR2425--

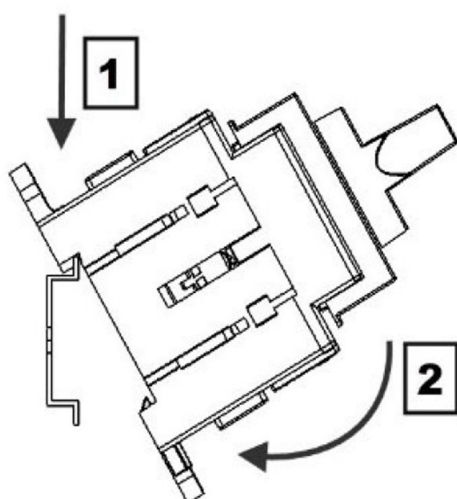


## Montageanleitung INSHK Hilfskontakte

Hilfskontakt  
Auxiliary contact  
INSHK001--



## Montageanleitung INSR Hutschienenmontage Schalter



## Tablica artikla

| OPIS                                                                                                                                                                                                                                                                                                                                             | KAT. BROJ |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Grebenasta sklopka (glavna), 0-1/4P/25A, montaža na DIN nosač<br>Izvedba/tip Emergency sklopka, Nazivna struja 25A, Polovi 4, IP stupanj zaštite IP40 (front), IP20 (terminals), Neutral conductor contacts Neutral conductor early-make, late-break design (closes before and opens after the phase conductors to prevent voltage displacement) | INSR2425  |
| <b>Dodatni pribor</b>                                                                                                                                                                                                                                                                                                                            |           |
| Pomoćni kontakt 1 N/O+1 N/C za INSR, INSP i INSA grebenaste<br>za INSR, INSP i INSA Grebenaste sklopke                                                                                                                                                                                                                                           | INSHK001  |