

Данни за артикула: INSR341A--

## Превключвател 1-0-2, 4P, 100A

Auxiliary contacts cannot be added to this switch, Alternative with auxiliary contact:  
INSR341AHK, Версия умшалтер, Номинален ток 100A, Полюси 4, Степен на защита - IP  
IP40 (front), IP00 (terminals)



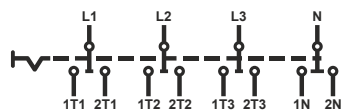
### Технически данни

|                                            |                                                                                                                |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Версия                                     | умшалтер                                                                                                       |
| Номинален ток (A)                          | 100                                                                                                            |
| Полюси                                     | 4                                                                                                              |
| Монтаж                                     | DIN релса                                                                                                      |
| 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                                                                                                            |
| Честота (Hz)                               | 50/60                                                                                                          |
| Operating Current                          | AC-23A - 400V - 70A<br>AC-23A - 690V - 34A<br>AC-3 - 400V - 53A<br>AC-3 - 690V - 25.5A<br>AC-21A - 690V - 100A |

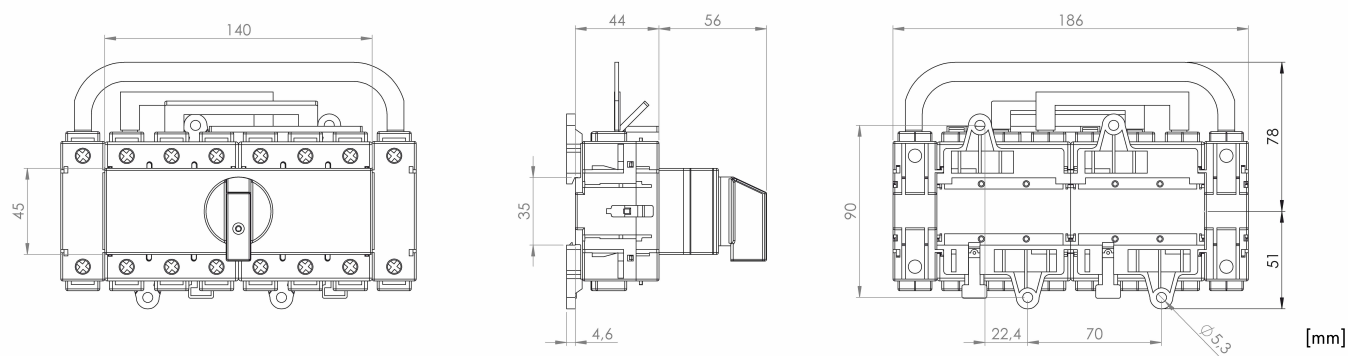
## Технически данни - продължение

|                                                                         |                                                                                                                                      |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Switching Capacity                                                      | AC-3 - 400V - 30kW<br>AC-3 - 690V - 22kW<br>AC-23A - 400V - 37kW<br>AC-23A - 690V - 30kW                                             |
| <b>According to UL 508 / CSA</b>                                        |                                                                                                                                      |
| Начин на свързване                                                      | UL/CSA - AWG 12-1                                                                                                                    |
| Оперативно напрежение AC (V)                                            | 600                                                                                                                                  |
| Thermal rated continuous current (A)                                    | 100                                                                                                                                  |
| Active Power                                                            | 3x480VAC - 60Hp<br>3x240VAC - 30Hp<br>3x600VAC - 75Hp                                                                                |
| <b>Свързване</b>                                                        |                                                                                                                                      |
| Conventional thermal current Ith (A)                                    | 100                                                                                                                                  |
| Tightening torque (Nm)                                                  | 3                                                                                                                                    |
| 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>                                                |                                                                                                                                      |
| Допълнителни контакти                                                   | Attention! No auxiliary contacts are currently available for this article.<br>Auxiliary contact INSHK001 -- CANNOT be used!          |
| Neutral conductor contacts                                              | Neutral conductor early-make, late-break design (closes before and opens after the phase conductors to prevent voltage displacement) |
| Работна температура                                                     | -25°C to +55°C                                                                                                                       |
| Mechanical durability                                                   | 100000 switching cycles                                                                                                              |
| Power loss per pole (W)                                                 | 7,50                                                                                                                                 |
| Protection against direct contact                                       | finger-proof and back-of-hand-proof according to VDE 0106 Part 100                                                                   |
| Степен на защита - IP                                                   | IP40 (front), IP00 (terminals)                                                                                                       |
| Lockable                                                                | No                                                                                                                                   |
| Нето дължина (mm)                                                       | 100,00                                                                                                                               |
| Нето ширина (mm)                                                        | 140,00                                                                                                                               |
| Нето височина (mm)                                                      | 45,00                                                                                                                                |
| Мин. околна температура (°C)                                            | -25                                                                                                                                  |
| Макс. околна температура (°C)                                           | 55                                                                                                                                   |

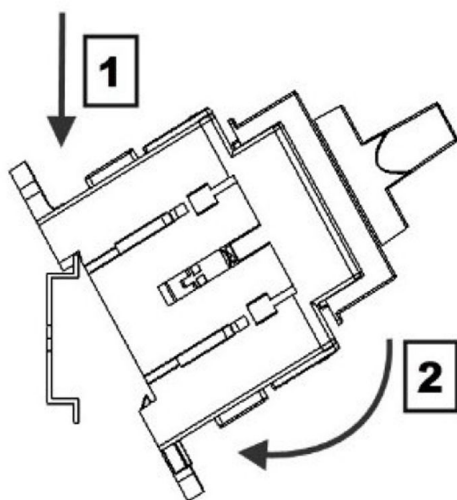
## Schaltbild INSR341A--



## Maßbild INSR341A--



## Montageanleitung INSR Hutschienenmontage Schalter



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