

Данни за артикула: INSP141A--

## Ремонтен прекъсвач, заключваем, IP65, 4P, 100A

Версия Repairswitch, Номинален ток 100A, Полюси 4, Степен на защита - IP IP65 (housing), IP10 (terminals), Neutral conductor contacts Neutral conductor early-make, late-break design (closes before and opens after the phase conductors to prevent voltage displacement)



### Технически данни

|                                            |                               |
|--------------------------------------------|-------------------------------|
| Версия                                     | Repairswitch                  |
| Номинален ток (A)                          | 100                           |
| Полюси                                     | 4                             |
| Монтаж                                     | Строителство                  |
| 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                         |

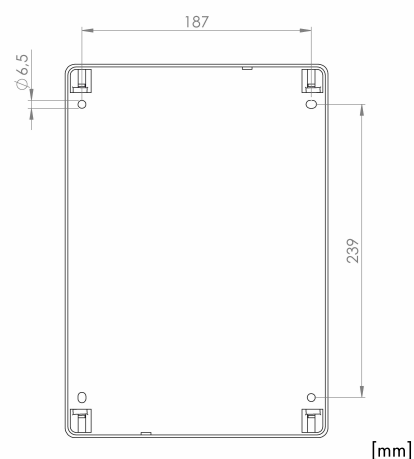
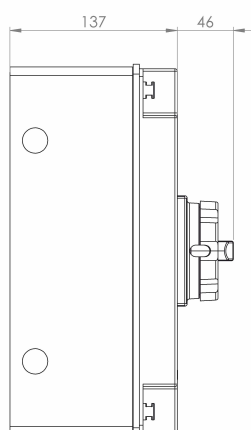
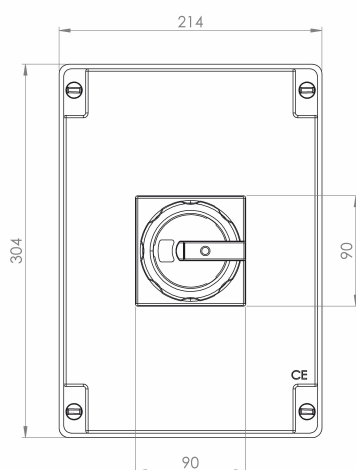
## Технически данни - продължение

|                                                                         |                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                            |
| Switching Capacity                                                      | AC-3 - 400V - 30kW<br>AC-23A - 230V - 18.5kW<br>AC-3 - 690V - 22kW<br>AC-3 - 230V - 18.5kW<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 I <sub>th</sub> (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                                                   | Maximum 1x INSHK001 -- permitted. Attention! INSHK001 -- must be snapped onto the phase contact and is not allowed to be snapped onto the neutral conductor contact! Maximum configuration 1x NC contact / 1x NO contact. |
| 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                                                   | IP65 (housing), IP10 (terminals)                                                                                                                                                                                          |
| Lockable                                                                | With 3 locks, each with a shackle lock diameter of 4-8 mm                                                                                                                                                                 |
| Нето дължина (mm)                                                       | 181,00                                                                                                                                                                                                                    |
| Нето широчина (mm)                                                      | 210,00                                                                                                                                                                                                                    |
| Нето височина (mm)                                                      | 300,00                                                                                                                                                                                                                    |
| Мин. околна температура (°C)                                            | -25                                                                                                                                                                                                                       |
| Макс. околна температура (°C)                                           | 55                                                                                                                                                                                                                        |

## Schaltbild INSP141A--



## Maßbild INSP141A--



## Montageanleitung INSHK Hilfskontakte

Hilfskontakt  
Auxiliary contact  
INSHK001--



## Таблица с артикули

| Описание                                                                                                                                                                                                                                                                                                                     | Артикулен No. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Ремонтен прекъсвач, заключваем, IP65, 4P, 100A<br>Версия Repairswitch, Номинален ток 100A, Полюси 4, Степен на защита - IP IP65 (housing), IP10 (terminals), Neutral conductor contacts Neutral conductor early-make, late-break design (closes before and opens after the phase conductors to prevent voltage displacement) | INSP141A      |
| <b>Акcesoари</b>                                                                                                                                                                                                                                                                                                             |               |
| Допълнителен контакт 1NO/1NC, за INSR, INSP и INSA<br>Nicht für INSE zu verwenden, Версия акcesoари, Степен на защита - IP IP20 (terminals)                                                                                                                                                                                  | INSHK001      |