

Данни за артикула: INSE131A--

## Пакетен прекъсвач, Черен 3P, 100A, за фасада

Версия главен прекъсвач, Номинален ток 100A, Полюси 3, Степен на защита - IP IP65 (front), IP10 (output terminals), IP20 (supply terminals with terminal cover and Cable cross-section bigger than 16mm<sup>2</sup>)



### Технически данни

|                                            |                               |
|--------------------------------------------|-------------------------------|
| Версия                                     | главен прекъсвач              |
| Номинален ток (A)                          | 100                           |
| Полюси                                     | 3                             |
| Монтаж                                     | front mount                   |
| 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                         |

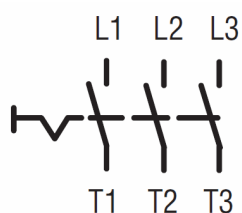
## Технически данни - продължение

|                                                                         |                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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-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                                                   | Maximum 2x INSHK002-- permitted. 1x INSHK002-- can be snapped on to the left of the main contact and 1x INSHK002-- to the right of the main contact. Maximum configuration 2x NO contact / 2x NC contact. Switching behavior is the same regardless of whether the auxiliary contact is snapped on to the left or right of the main contact. |
| Neutral conductor contacts                                              | ATTENTION! If this 3-pole switch is converted to a 4-pole switch using neutral conductor contact INSNK023--, no additional auxiliary contact can be snapped onto the N contact. On the other side, auxiliary contact INSHK002-- can be used as normal. For further details, see Auxiliary contact and N contact overview.                    |
| 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 (front), IP10 (output terminals), IP20 (supply terminals with terminal cover and Cable cross-section bigger than 16mm <sup>2</sup> )                                                                                                                                                                                                    |
| Lockable                                                                | With 3 locks, each with a shackle lock diameter of 4-8 mm                                                                                                                                                                                                                                                                                    |
| Нето дължина (mm)                                                       | 106,00                                                                                                                                                                                                                                                                                                                                       |
| Нето ширина (mm)                                                        | 90,00                                                                                                                                                                                                                                                                                                                                        |
| Нето височина (mm)                                                      | 90,00                                                                                                                                                                                                                                                                                                                                        |

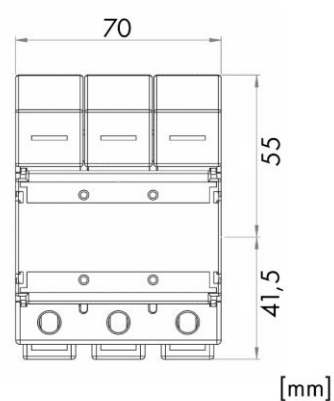
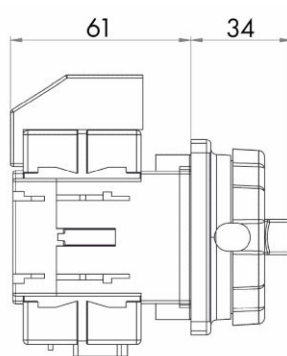
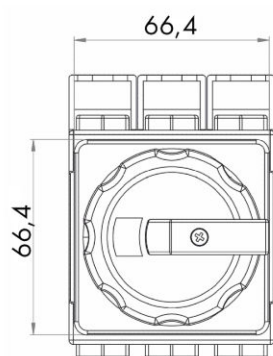
## Технически данни - продължение

|                               |     |
|-------------------------------|-----|
| Мин. околна температура (°C)  | -25 |
| Макс. околна температура (°C) | 55  |

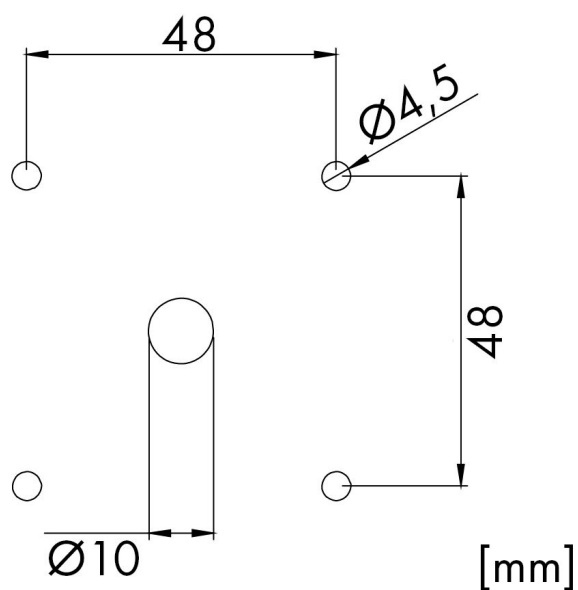
## Schaltbild INSE131A--



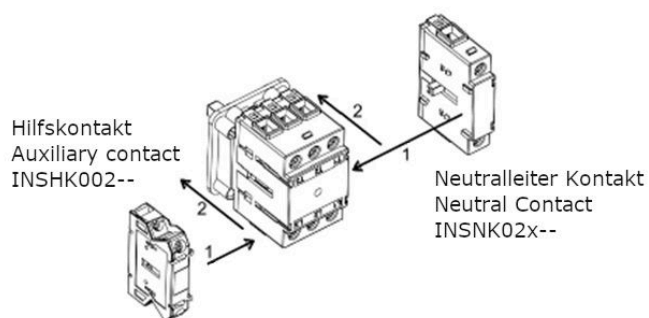
## Maßbild INSE131A--



## Bohrbild INSE131A--



## Montageanleitung INSHK Hilfskontakte bei Verwendung von INSNK Neutralleiterkontakte



## Таблица с артикули

| Описание                                                                                                                                                                                                               | Артикулен No. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Пакетен прекъсвач, Черен 3P, 100A, за фасада                                                                                                                                                                           |               |
| Версия главен прекъсвач, Номинален ток 100A, Полюси 3, Степен на защита - IP IP65 (front), IP10 (output terminals), IP20 (supply terminals with terminal cover and Cable cross-section bigger than 16mm <sup>2</sup> ) | INSE131A      |
| <b>Акcesoари</b>                                                                                                                                                                                                       |               |
| Допълнителен контакт 1NO/1NC за INSE                                                                                                                                                                                   |               |
| Nicht für INSR, INSP und INSA zu verwenden, Версия акcesoари, Степен на защита - IP IP20 (terminals)                                                                                                                   | INSHK002      |
| Допълнителен контакт NO, за 3P INSE, 100-125A                                                                                                                                                                          |               |
| Snap-on N-contact for retrofitting a 3-pole switch to a 4-pole switch, Can only be used with a 100-125A INSE switch, not for use with INSR, INSP, and INSA!                                                            | INSNK023      |