



Sample image

## Datasheet

**Article number:** 70007069

**Description:** Other Component

|                                                                                                                                                                  |                                   |                                   |               |                                                                                              |                           |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------|---------------|----------------------------------------------------------------------------------------------|---------------------------|----------------|
| IEC 60947-3 EN 60947-3, VDE 0660 Teil 107                                                                                                                        |                                   |                                   |               |                                                                                              |                           |                |
| Номинальное напряжение изоляции Ui                                                                                                                               |                                   |                                   |               |                                                                                              |                           |                |
| Напряжение (В) Переменный ток/Постоянный ток                                                                                                                     |                                   |                                   |               |                                                                                              |                           |                |
| 690 AC / DC                                                                                                                                                      |                                   |                                   |               |                                                                                              |                           |                |
| Номинальный длительный ток Iu/Ith                                                                                                                                |                                   |                                   |               |                                                                                              |                           |                |
| Сила тока (А)                                                                                                                                                    | Температура окружающей среды (°C) | Пиковое значение температуры (°C) |               | Дополнительные требования                                                                    |                           |                |
| 32                                                                                                                                                               | 55                                | 60                                |               | Средняя температура окружающей среды +55°C в течение 24 часов с максимальным значением +60°C |                           |                |
| Номинальный рабочий ток Ie                                                                                                                                       |                                   |                                   |               |                                                                                              |                           |                |
| Категория применения                                                                                                                                             |                                   |                                   |               | Напряжение (диапазон) (В)                                                                    |                           | Сила тока (А)  |
| AC-15                                                                                                                                                            |                                   |                                   |               | 220 - 240                                                                                    |                           | 12             |
| AC-15                                                                                                                                                            |                                   |                                   |               | 380 - 440                                                                                    |                           | 6              |
| Номинальная рабочая мощность                                                                                                                                     |                                   |                                   |               |                                                                                              |                           |                |
| Категория применения                                                                                                                                             |                                   | Напряжение (диапазон) (В)         |               | Количество фаз                                                                               | Количество полюсов        | Мощность (кВт) |
| AC-3                                                                                                                                                             |                                   | 220 - 240                         |               | 3                                                                                            | 3                         | 5,50           |
| AC-3                                                                                                                                                             |                                   | 380 - 440                         |               | 3                                                                                            | 3                         | 11             |
| AC-3                                                                                                                                                             |                                   | 660 - 690                         |               | 3                                                                                            | 3                         | 11             |
| AC-3                                                                                                                                                             |                                   | 220 - 240                         |               | 1                                                                                            | 2                         | 4              |
| AC-3                                                                                                                                                             |                                   | 380 - 440                         |               | 1                                                                                            | 2                         | 5,50           |
| AC-23A                                                                                                                                                           |                                   | 220 - 240                         |               | 3                                                                                            | 3                         | 7,50           |
| AC-23A                                                                                                                                                           |                                   | 380 - 440                         |               | 3                                                                                            | 3                         | 15             |
| AC-23A                                                                                                                                                           |                                   | 660 - 690                         |               | 3                                                                                            | 3                         | 15             |
| AC-23A                                                                                                                                                           |                                   | 220 - 240                         |               | 1                                                                                            | 2                         | 4              |
| AC-23A                                                                                                                                                           |                                   | 380 - 440                         |               | 1                                                                                            | 2                         | 7,50           |
| Максимальный номинал предохранителя по IEC                                                                                                                       |                                   |                                   |               |                                                                                              |                           |                |
| Характеристика предохранителя                                                                                                                                    |                                   |                                   |               | Количество предохранителей                                                                   |                           | Сила тока (А)  |
| gG                                                                                                                                                               |                                   |                                   |               | 1                                                                                            |                           | 35             |
| UL60947-4-1 , UL508                                                                                                                                              |                                   |                                   |               |                                                                                              |                           |                |
| Nominal Voltage                                                                                                                                                  |                                   |                                   |               |                                                                                              |                           |                |
| Voltage (V) AC / DC                                                                                                                                              |                                   |                                   |               |                                                                                              |                           |                |
| 300 AC                                                                                                                                                           |                                   |                                   |               |                                                                                              |                           |                |
| Номинальное напряжение изоляции Ui                                                                                                                               |                                   |                                   |               |                                                                                              |                           |                |
| Напряжение (В) Переменный ток/Постоянный ток                                                                                                                     |                                   |                                   |               |                                                                                              |                           |                |
| 300 AC                                                                                                                                                           |                                   |                                   |               |                                                                                              |                           |                |
| Rated thermal current                                                                                                                                            |                                   |                                   |               |                                                                                              |                           |                |
| Current (A)                                                                                                                                                      |                                   | Ambient temperature (°C)          |               | Additional Text                                                                              |                           |                |
| 30                                                                                                                                                               |                                   | 0 - 40                            |               | --                                                                                           |                           |                |
| Horsepower rating                                                                                                                                                |                                   |                                   |               |                                                                                              |                           |                |
| Across-the-Line Motor Starting                                                                                                                                   |                                   |                                   |               | Voltage (V)                                                                                  | No. of phases             | No. of poles   |
| Reversing                                                                                                                                                        |                                   |                                   |               | 110 - 120                                                                                    | 1                         | 2              |
| Reversing                                                                                                                                                        |                                   |                                   |               | 220 - 240                                                                                    | 1                         | 2              |
| Reversing                                                                                                                                                        |                                   |                                   |               | 277 - 277                                                                                    | 1                         | 2              |
| Reversing                                                                                                                                                        |                                   |                                   |               | 110 - 120                                                                                    | 3                         | 3              |
| Reversing                                                                                                                                                        |                                   |                                   |               | 220 - 240                                                                                    | 3                         | 3              |
| DOL                                                                                                                                                              |                                   |                                   |               | 110 - 120                                                                                    | 1                         | 2              |
| DOL                                                                                                                                                              |                                   |                                   |               | 220 - 240                                                                                    | 1                         | 2              |
| DOL                                                                                                                                                              |                                   |                                   |               | 277 - 277                                                                                    | 1                         | 2              |
| DOL                                                                                                                                                              |                                   |                                   |               | 110 - 120                                                                                    | 3                         | 3              |
| DOL                                                                                                                                                              |                                   |                                   |               | 220 - 240                                                                                    | 3                         | 3              |
| Pilot duty rating code                                                                                                                                           |                                   |                                   |               |                                                                                              |                           |                |
| Duty Code                                                                                                                                                        |                                   |                                   |               |                                                                                              |                           |                |
| A300                                                                                                                                                             |                                   |                                   |               |                                                                                              |                           |                |
| SCCR / Max. fuse rating                                                                                                                                          |                                   |                                   |               |                                                                                              |                           |                |
| Conditions of acceptability                                                                                                                                      |                                   |                                   |               |                                                                                              |                           |                |
| These devices are suitable for use on circuits capable of delivering not more than 5000 rms symmetrical amperes, 600V ac max. when protected by Class RK1 fuses. |                                   |                                   |               |                                                                                              |                           |                |
| Temp. rating of wire                                                                                                                                             |                                   |                                   |               |                                                                                              |                           |                |
| Temperature rating (°C)                                                                                                                                          |                                   |                                   |               | Current (A) Text                                                                             |                           |                |
| 60 - 75                                                                                                                                                          |                                   |                                   |               | -- Use copper wire only                                                                      |                           |                |
| General Use                                                                                                                                                      |                                   |                                   |               |                                                                                              |                           |                |
| AC / DC                                                                                                                                                          | Voltage (V)                       | Current (A)                       | No. of phases | No. of poles                                                                                 | No. of contacts in series |                |
| AC                                                                                                                                                               | 120                               | 30                                | 1             | 2                                                                                            | 1                         |                |

| General Use |             |             |               |              |                           |
|-------------|-------------|-------------|---------------|--------------|---------------------------|
| AC / DC     | Voltage (V) | Current (A) | No. of phases | No. of poles | No. of contacts in series |
| AC          | 240         | 30          | 3             | 3            | 1                         |
| AC          | 277         | 30          | 1             | 2            | 1                         |

## CSA

### Nominal Voltage

Voltage (V) AC / DC  
300 AC

### Номинальное напряжение изоляции Ui

Напряжение (В) Переменный ток/Постоянный ток  
300 AC

### Rated thermal current

Current (A) Ambient temperature (°C) Additional Text  
30 0 - 40 --

### Horsepower rating

| Across-the-Line Motor Starting | Voltage (V) | No. of phases | No. of poles | Power (HP) | Ambient temperature [°C] |
|--------------------------------|-------------|---------------|--------------|------------|--------------------------|
| DOL                            | 110 - 120   | 1             | 2            | 2          | 40                       |
| DOL                            | 220 - 240   | 1             | 2            | 5          | 40                       |
| DOL                            | 277 - 277   | 1             | 2            | 5          | 40                       |
| DOL                            | 110 - 120   | 3             | 3            | 5          | 40                       |
| DOL                            | 220 - 240   | 3             | 3            | 10         | 40                       |

### Pilot duty rating code

Duty Code

A300

### Temp. rating of wire

Temperature rating (°C) Current (A) Text  
75 -- only

## General Use

| AC / DC | Voltage (V) | Current (A) | No. of phases | No. of poles | No. of contacts in series |
|---------|-------------|-------------|---------------|--------------|---------------------------|
| AC      | 300         | 30          | 1             | 1            | 1                         |

## ОСНОВНАЯ ТЕХНИЧЕСКАЯ ИНФОРМАЦИЯ

### Момент затяжки винтов

Момент затяжки (Нм) Момент затяжки (фунт-дюйм)  
1,30 12

### Stripping length

Length (mm) --  
11 STRIPPINGLENGTH

### Size of conductor

| composition of conductor                          | Min. / Max. value | No. of conductor per terminal | Cross section (mm <sup>2</sup> ) or (AWG/kcmil) | Material of the wire |
|---------------------------------------------------|-------------------|-------------------------------|-------------------------------------------------|----------------------|
| flexible wire                                     | Max.              | 2                             | AWG 10                                          | Copper               |
| flexible wire                                     | Max.              | 2                             | 4mm <sup>2</sup>                                | Copper               |
| Single-core or stranded wire                      | Max.              | 2                             | 6mm <sup>2</sup>                                | Copper               |
| Single-core or stranded wire                      | Max.              | 2                             | AWG 8                                           | Copper               |
| flexible wire with ferrule according to DIN 46228 | Max.              | 2                             | 4mm <sup>2</sup>                                | Copper               |

### Approbations

Specification

Marking

EAC



CE marking



UK Directives



CSA C.22.2 No.14



GB/T14048.3



### Рекомендуемая отвертка

| Тип отвертки                           | Value |
|----------------------------------------|-------|
| Крестовая отвёртка                     | PH2   |
| Slot screwdriver according to DIN 5264 | 1x5,5 |

### Общая информация

Текст

- Не смазывайте и не разбирайте контакты.
- Переключатели могут быть установлены, подключены и введены в эксплуатацию только квалифицированным персоналом в соответствии с принятыми техническими правилами.
- Используйте только медные провода. Не покрывать конец провода оловом.
- Клеммы с заводскими перемычками затянуты в процессе производства. Во время откручивания скреплённых перемычками клемм проследите, что бы перемычки не потерялись. После подключения все винты клемм должны быть затянуты с рекомендуемым моментом затяжки винта.
- После установки переключателей расстояния между клеммами должны быть достаточными для выполнения требований применимых стандартов.

### Waste Electrical & Electronic Equipment (WEEE)

| Picture name                                                                       | Description                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Do not throw in the trash as care must be taken to ensure environmentally sound disposal and recycling. Please either use an environmentally friendly waste disposal company, return to the supplier for disposal; or return direct to the manufacturer, Kraus & Naimer. You can find local Kraus & Naimer offices at <a href="http://www.krausnaimer.com">www.krausnaimer.com</a> |

### Proposition 65

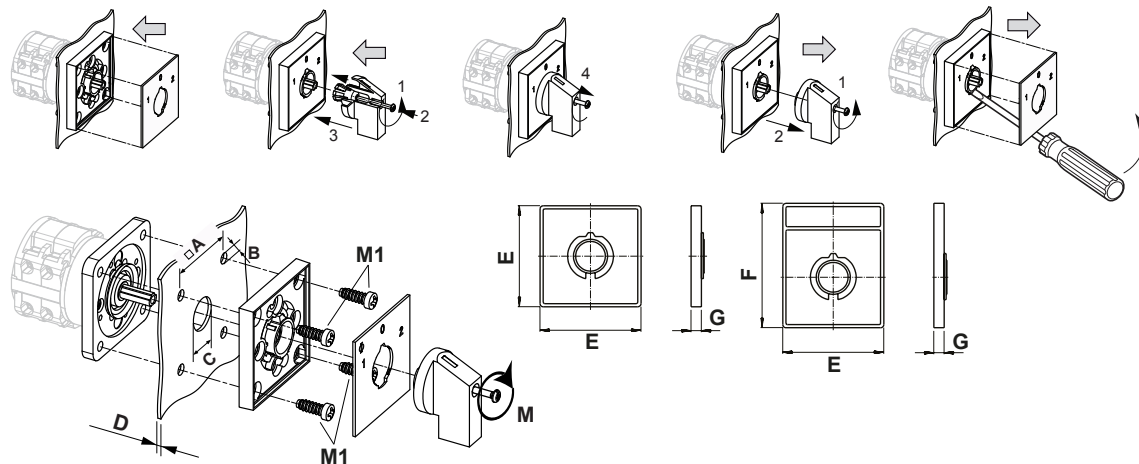
| Picture name                                                                       | Description                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> . |

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

## Mounting-EF

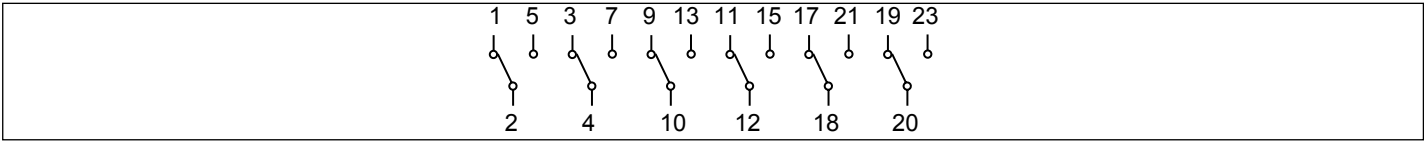


|                          |    |                   |
|--------------------------|----|-------------------|
| IP - Код лицевая сторона |    | IP66, IP67, IP69k |
| Stages                   |    | 1,00 - 12,00      |
| A                        | □  | 48,00 mm          |
| B                        | ∅  | 5,00 mm           |
| C                        | ∅  | 19,00 - 22,00 mm  |
| D                        | H  | <= 4,00 mm        |
| E                        | H  | 64,00 mm          |
| F                        | H  | 78,00 mm          |
| G                        | H  | 7,40 mm           |
| M                        | M̂ | 0,70 Nm           |
| M1                       | M̂ | 0,90 Nm           |



Wiring diagram

CA25B.A370.EF



## Switch program

CA25B.A370.EF



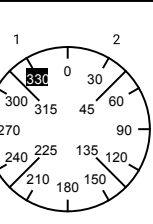
Kraus & Naimer

CA25B

A370

Page 1 of 1

Face Plate

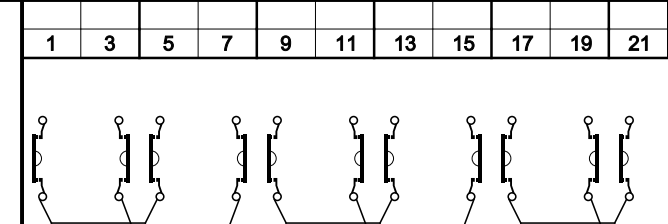


Switching Angle

60

Total switching Angle

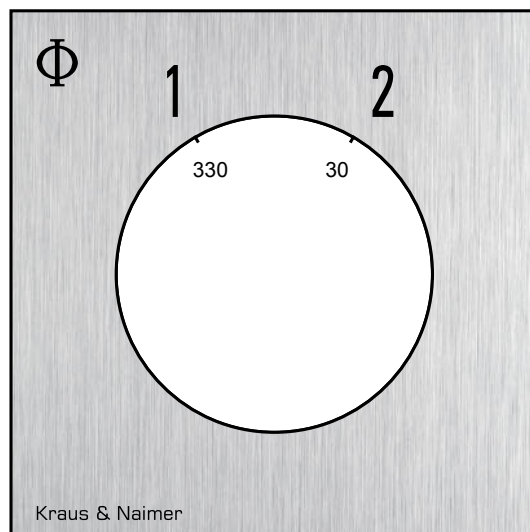
60

|   |     | 1                                                                                  | 3 | 5 | 7 | 9  | 11 | 13 | 15 | 17 | 19 | 21 | 23 |
|---|-----|------------------------------------------------------------------------------------|---|---|---|----|----|----|----|----|----|----|----|
|   |     |  |   |   |   |    |    |    |    |    |    |    |    |
|   |     | 2                                                                                  | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
| 1 | 330 |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 345 |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 0   |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 15  |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
| 2 | 30  |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 45  |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 60  |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 75  |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 90  |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 105 |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 120 |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 135 |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 150 |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 165 |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 180 |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 195 |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 210 |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 225 |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 240 |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 255 |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 270 |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 285 |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 300 |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |
|   | 315 |                                                                                    |   |   |   |    |    |    |    |    |    |    |    |

Version: 81

## Face plate

S1.F072/A1B.PEL



## HANDLES

**Designation:** S1B.G251

**Handle colour:** "1" black

