

Sample image

## Datasheet

**Article number:** 70018297

**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                                                                                                                                                       |             |                                   |                                   |                                                                                              |                           |
| Номинальный длительный ток Iu/Ith                                                                                                                            |             |                                   |                                   |                                                                                              |                           |
| Сила тока (А)                                                                                                                                                |             | Температура окружающей среды (°C) | Пиковое значение температуры (°C) | Дополнительные требования                                                                    |                           |
| 40                                                                                                                                                           |             | 50                                | 55                                | Средняя температура окружающей среды +50°C в течение 24 часов с максимальным значением +55°C |                           |
| Номинальный рабочий ток Ie                                                                                                                                   |             |                                   |                                   |                                                                                              |                           |
| Категория применения                                                                                                                                         |             |                                   | Напряжение (диапазон) (В)         |                                                                                              | Сила тока (А)             |
| AC-32A                                                                                                                                                       |             |                                   | 20 - 400                          |                                                                                              | 40                        |
| Номинальная рабочая мощность                                                                                                                                 |             |                                   |                                   |                                                                                              |                           |
| Категория применения                                                                                                                                         |             | Напряжение (диапазон) (В)         |                                   | Количество фаз                                                                               | Количество полюсов        |
| AC-3                                                                                                                                                         |             | 220 - 240                         |                                   | 3                                                                                            | 3                         |
| AC-3                                                                                                                                                         |             | 380 - 440                         |                                   | 3                                                                                            | 3                         |
| AC-3                                                                                                                                                         |             | 660 - 690                         |                                   | 3                                                                                            | 3                         |
| AC-23A                                                                                                                                                       |             | 220 - 240                         |                                   | 3                                                                                            | 3                         |
| AC-23A                                                                                                                                                       |             | 380 - 440                         |                                   | 3                                                                                            | 3                         |
| AC-23A                                                                                                                                                       |             | 660 - 690                         |                                   | 3                                                                                            | 3                         |
| Максимальный номинал предохранителя по IEC                                                                                                                   |             |                                   |                                   |                                                                                              |                           |
| Характеристика предохранителя                                                                                                                                |             |                                   | Количество предохранителей        |                                                                                              | Сила тока (А)             |
| gG                                                                                                                                                           |             |                                   | 1                                 |                                                                                              | 50                        |
| UL60947-4-1 , UL508                                                                                                                                          |             |                                   |                                   |                                                                                              |                           |
| Nominal Voltage                                                                                                                                              |             |                                   |                                   |                                                                                              |                           |
| Voltage (V) AC / DC                                                                                                                                          |             |                                   |                                   |                                                                                              |                           |
| 600 AC                                                                                                                                                       |             |                                   |                                   |                                                                                              |                           |
| Номинальное напряжение изоляции Ui                                                                                                                           |             |                                   |                                   |                                                                                              |                           |
| Напряжение (В) Переменный ток/Постоянный ток                                                                                                                 |             |                                   |                                   |                                                                                              |                           |
| 600 AC                                                                                                                                                       |             |                                   |                                   |                                                                                              |                           |
| Rated thermal current                                                                                                                                        |             |                                   |                                   |                                                                                              |                           |
| Current (A)                                                                                                                                                  |             | Ambient temperature (°C)          |                                   | Additional Text                                                                              |                           |
| 42                                                                                                                                                           |             | 0 - 40                            |                                   | --                                                                                           |                           |
| Horsepower rating                                                                                                                                            |             |                                   |                                   |                                                                                              |                           |
| Across-the-Line Motor Starting                                                                                                                               |             |                                   | Voltage (V)                       | No. of phases                                                                                | No. of poles              |
| DOL                                                                                                                                                          |             |                                   | 110 - 120                         | 1                                                                                            | 2                         |
| DOL                                                                                                                                                          |             |                                   | 220 - 240                         | 1                                                                                            | 2                         |
| DOL                                                                                                                                                          |             |                                   | 277 - 277                         | 1                                                                                            | 2                         |
| DOL                                                                                                                                                          |             |                                   | 415 - 415                         | 1                                                                                            | 2                         |
| DOL                                                                                                                                                          |             |                                   | 440 - 480                         | 1                                                                                            | 2                         |
| DOL                                                                                                                                                          |             |                                   | 550 - 600                         | 1                                                                                            | 2                         |
| DOL                                                                                                                                                          |             |                                   | 110 - 120                         | 3                                                                                            | 3                         |
| DOL                                                                                                                                                          |             |                                   | 220 - 240                         | 3                                                                                            | 3                         |
| DOL                                                                                                                                                          |             |                                   | 415 - 415                         | 3                                                                                            | 3                         |
| DOL                                                                                                                                                          |             |                                   | 440 - 480                         | 3                                                                                            | 3                         |
| DOL                                                                                                                                                          |             |                                   | 550 - 600                         | 3                                                                                            | 3                         |
| Pilot duty rating code                                                                                                                                       |             |                                   |                                   |                                                                                              |                           |
| Duty Code                                                                                                                                                    |             |                                   |                                   |                                                                                              |                           |
| A600                                                                                                                                                         |             |                                   |                                   |                                                                                              |                           |
| SCCR / Max. fuse rating                                                                                                                                      |             |                                   |                                   |                                                                                              |                           |
| Conditions of acceptability                                                                                                                                  |             |                                   |                                   |                                                                                              |                           |
| This device is suitable for use on circuits capable of delivering not more than 10kA rms symmetrical amperes, 600V ac max. when protected by Type RK1 fuses. |             |                                   |                                   |                                                                                              |                           |
| Suitable for use on a circuit capable of delivering not more than 65000 rms symmetrical amperes 600V max., when protected by 60A Class J fuses.              |             |                                   |                                   |                                                                                              |                           |
| Temp. rating of wire                                                                                                                                         |             |                                   |                                   |                                                                                              |                           |
| Temperature rating (°C)                                                                                                                                      |             |                                   | Current (A) Text                  |                                                                                              |                           |
| 60 - 75                                                                                                                                                      |             |                                   | -- --                             |                                                                                              |                           |
| General Use                                                                                                                                                  |             |                                   |                                   |                                                                                              |                           |
| AC / DC                                                                                                                                                      | Voltage (V) | Current (A)                       | No. of phases                     | No. of poles                                                                                 | No. of contacts in series |
| AC                                                                                                                                                           | 277         | 42                                | 1                                 | 1                                                                                            | 1                         |
| AC                                                                                                                                                           | 600         | 42                                | 1                                 | 2                                                                                            | 1                         |

| General Use                                                                                                                                                                                                                                                                                            |             |             |                          |                |                               |              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------------------|----------------|-------------------------------|--------------|
| AC / DC                                                                                                                                                                                                                                                                                                | Voltage (V) | Current (A) | No. of phases            | No. of poles   | No. of contacts in series     |              |
| AC                                                                                                                                                                                                                                                                                                     | 600         | 42          | 3                        | 3              | 1                             |              |
| Общая информация                                                                                                                                                                                                                                                                                       |             |             |                          |                |                               |              |
| Текст                                                                                                                                                                                                                                                                                                  |             |             |                          |                |                               |              |
| - The operating handle and position indicating means to be used with these manual motor controllers should be provided from the manufacturer, or the operating handle and position indicating means to be used should have been previously evaluated in combination with the manual motor controllers. |             |             |                          |                |                               |              |
| - When intended for use as a motor disconnecter the device shall be provided with a method of being locked in the OFF-position.                                                                                                                                                                        |             |             |                          |                |                               |              |
| CSA                                                                                                                                                                                                                                                                                                    |             |             |                          |                |                               |              |
| Nominal Voltage                                                                                                                                                                                                                                                                                        |             |             |                          |                |                               |              |
|                                                                                                                                                                                                                                                                                                        |             |             |                          | Voltage (V)    | AC / DC                       |              |
|                                                                                                                                                                                                                                                                                                        |             |             |                          | 600            | AC                            |              |
| Номинальное напряжение изоляции Ui                                                                                                                                                                                                                                                                     |             |             |                          |                |                               |              |
|                                                                                                                                                                                                                                                                                                        |             |             |                          | Напряжение (В) | Переменный ток/Постоянный ток |              |
|                                                                                                                                                                                                                                                                                                        |             |             |                          | 600            | AC                            |              |
| Rated thermal current                                                                                                                                                                                                                                                                                  |             |             |                          |                |                               |              |
|                                                                                                                                                                                                                                                                                                        |             | Current (A) | Ambient temperature (°C) |                | Additional Text               |              |
|                                                                                                                                                                                                                                                                                                        |             | 40          | 0 - 40                   |                | --                            |              |
| Horsepower rating                                                                                                                                                                                                                                                                                      |             |             |                          |                |                               |              |
| Across-the-Line Motor Starting                                                                                                                                                                                                                                                                         |             |             |                          | Voltage (V)    | No. of phases                 | No. of poles |
|                                                                                                                                                                                                                                                                                                        |             |             |                          | 110 - 120      | 1                             | 2            |
|                                                                                                                                                                                                                                                                                                        |             |             |                          | 220 - 240      | 1                             | 2            |
|                                                                                                                                                                                                                                                                                                        |             |             |                          | 277 - 277      | 1                             | 2            |
|                                                                                                                                                                                                                                                                                                        |             |             |                          | 415 - 415      | 1                             | 2            |
|                                                                                                                                                                                                                                                                                                        |             |             |                          | 440 - 480      | 1                             | 2            |
|                                                                                                                                                                                                                                                                                                        |             |             |                          | 550 - 600      | 1                             | 2            |
|                                                                                                                                                                                                                                                                                                        |             |             |                          | 110 - 120      | 3                             | 3            |
|                                                                                                                                                                                                                                                                                                        |             |             |                          | 220 - 240      | 3                             | 3            |
|                                                                                                                                                                                                                                                                                                        |             |             |                          | 415 - 415      | 3                             | 3            |
|                                                                                                                                                                                                                                                                                                        |             |             |                          | 440 - 480      | 3                             | 3            |
|                                                                                                                                                                                                                                                                                                        |             |             |                          | 550 - 600      | 3                             | 3            |
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## Общая информация

### Текст

- 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.

### 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 [www.krausnaimer.com](http://www.krausnaimer.com)

### Proposition 65

#### Picture name

#### Description



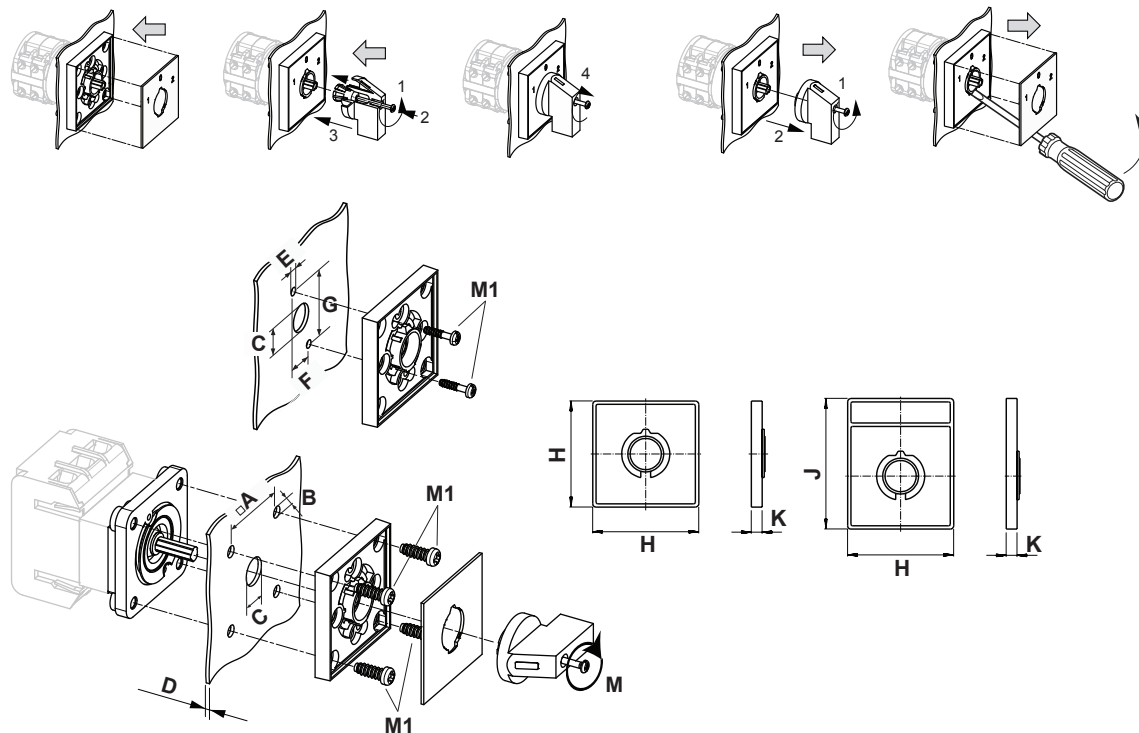
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

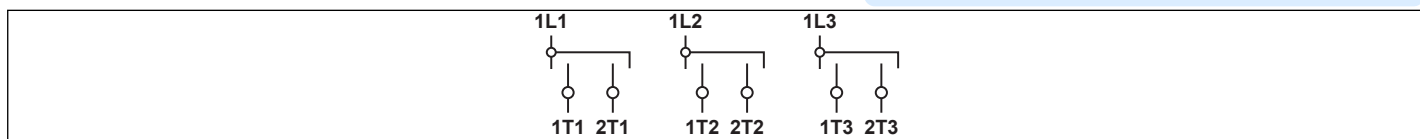
## Mounting-E



|                          |   |                  |
|--------------------------|---|------------------|
| IP - Код лицевая сторона |   | IP66, IP67       |
| Stages                   |   | 1,00 - 12,00     |
| A                        | □ | 48,00 mm         |
| B                        | ∅ | 5,00 mm          |
| C                        | ∅ | 10,00 - 15,00 mm |
| D                        | H | <= 4,00 mm       |
| E                        | ∅ | 3,50 mm          |
| F                        | H | 12,20 mm         |
| G                        | H | 30,00 mm         |
| H                        | H | 64,00 mm         |
| J                        | H | 78,50 mm         |
| K                        | H | 7,40 mm          |
| M                        | ⌀ | 0,70 Nm          |
| M1                       | ⌀ | 0,90 Nm          |

## Wiring diagram

KG41B.T903.E



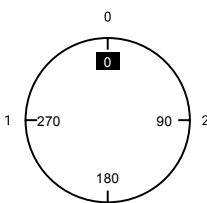
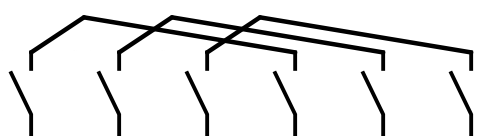
## Switch program

KG41B.T903.E



Kraus & Naimer

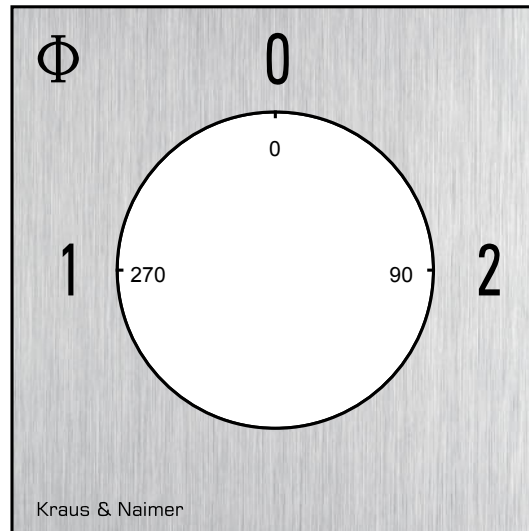
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Page 1 of 1

| Face Plate                                                                                                                                                              |     |                                                                                    |          |          |          |           |           |    |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------|----------|----------|----------|-----------|-----------|----|----|
|                                                                                        |     | 1L1<br>1                                                                           | 1L2<br>3 | 1L3<br>5 | 2L1<br>7 | 2L2<br>9  | 2L3<br>11 | 13 | 15 |
|                                                                                                                                                                         |     |  |          |          |          |           |           |    |    |
| Switching Angle <span style="border: 1px solid black; padding: 2px;">90</span><br>Total switching Angle <span style="border: 1px solid black; padding: 2px;">180</span> |     | 2<br>1T1                                                                           | 4<br>1T2 | 6<br>1T3 | 8<br>2T1 | 10<br>2T2 | 12<br>2T3 | 14 | 16 |
| 1                                                                                                                                                                       | 270 | ■                                                                                  | ■        | ■        |          |           |           |    |    |
|                                                                                                                                                                         |     |                                                                                    |          |          |          |           |           |    |    |
| 0                                                                                                                                                                       | 0   |                                                                                    |          |          |          |           |           |    |    |
|                                                                                                                                                                         |     |                                                                                    |          |          |          |           |           |    |    |
| 2                                                                                                                                                                       | 90  |                                                                                    |          |          | ■        | ■         | ■         |    |    |
|                                                                                                                                                                         |     |                                                                                    |          |          |          |           |           |    |    |
|                                                                                                                                                                         |     |                                                                                    |          |          |          |           |           |    |    |
|                                                                                                                                                                         | 180 |                                                                                    |          |          |          |           |           |    |    |
|                                                                                                                                                                         |     |                                                                                    |          |          |          |           |           |    |    |
|                                                                                                                                                                         |     |                                                                                    |          |          |          |           |           |    |    |

Version: 167

## Face plate

S1.F057/A1B.PEL



## HANDLES

**Designation:** S1B.G251

**Handle colour:** "1" black

