

Sample image

## Datasheet

**Article number:** 70009970

**Designation:** KG64B.T203/09.VE

**Description:** Switch Global Disconnecter

|                                                                                                                                                                                                                                                                                                        |                          |                          |                                                                  |                 |                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|------------------------------------------------------------------|-----------------|---------------------------|
| IEC 60947-3 EN 60947-3, VDE 0660 Teil 107                                                                                                                                                                                                                                                              |                          |                          |                                                                  |                 |                           |
| Rated insulation voltage Ui                                                                                                                                                                                                                                                                            |                          |                          |                                                                  |                 |                           |
| Voltage (V) AC / DC                                                                                                                                                                                                                                                                                    |                          |                          |                                                                  |                 |                           |
| 690 AC                                                                                                                                                                                                                                                                                                 |                          |                          |                                                                  |                 |                           |
| Rated uninterrupted current Iu/Ith                                                                                                                                                                                                                                                                     |                          |                          |                                                                  |                 |                           |
| Current (A)                                                                                                                                                                                                                                                                                            | Ambient temperature (°C) | Peak temperature (°C)    | additional requirements                                          |                 |                           |
| 63                                                                                                                                                                                                                                                                                                     | 50                       | 55                       | Ambient temperature +50°C during 24 hours with peaks up to +55°C |                 |                           |
| Rated operational current Ie                                                                                                                                                                                                                                                                           |                          |                          |                                                                  |                 |                           |
| Utilization category                                                                                                                                                                                                                                                                                   |                          |                          | Voltage (V)                                                      |                 | Current (A)               |
| AC-32A                                                                                                                                                                                                                                                                                                 |                          |                          | 20 - 400                                                         |                 | 63                        |
| Rated operational power                                                                                                                                                                                                                                                                                |                          |                          |                                                                  |                 |                           |
| Utilization category                                                                                                                                                                                                                                                                                   | Voltage (V)              | No. of phases            | No. of poles                                                     | Power (kW)      |                           |
| AC-3                                                                                                                                                                                                                                                                                                   | 220 - 240                | 3                        | 3                                                                | 11              |                           |
| AC-3                                                                                                                                                                                                                                                                                                   | 380 - 440                | 3                        | 3                                                                | 18,50           |                           |
| AC-3                                                                                                                                                                                                                                                                                                   | 660 - 690                | 3                        | 3                                                                | 15              |                           |
| AC-23A                                                                                                                                                                                                                                                                                                 | 220 - 240                | 3                        | 3                                                                | 11              |                           |
| AC-23A                                                                                                                                                                                                                                                                                                 | 380 - 440                | 3                        | 3                                                                | 22              |                           |
| AC-23A                                                                                                                                                                                                                                                                                                 | 660 - 690                | 3                        | 3                                                                | 18,50           |                           |
| Max. Fuse rating IEC                                                                                                                                                                                                                                                                                   |                          |                          |                                                                  |                 |                           |
| Fuse characteristic                                                                                                                                                                                                                                                                                    |                          |                          | No. of Fuses                                                     |                 | Current (A)               |
| gG                                                                                                                                                                                                                                                                                                     |                          |                          | 1                                                                |                 | 63                        |
| UL60947-4-1 , UL508                                                                                                                                                                                                                                                                                    |                          |                          |                                                                  |                 |                           |
| Nominal Voltage                                                                                                                                                                                                                                                                                        |                          |                          |                                                                  |                 |                           |
| Voltage (V) AC / DC                                                                                                                                                                                                                                                                                    |                          |                          |                                                                  |                 |                           |
| 600 AC                                                                                                                                                                                                                                                                                                 |                          |                          |                                                                  |                 |                           |
| Rated insulation voltage Ui                                                                                                                                                                                                                                                                            |                          |                          |                                                                  |                 |                           |
| Voltage (V) AC / DC                                                                                                                                                                                                                                                                                    |                          |                          |                                                                  |                 |                           |
| 600 AC                                                                                                                                                                                                                                                                                                 |                          |                          |                                                                  |                 |                           |
| Rated thermal current                                                                                                                                                                                                                                                                                  |                          |                          |                                                                  |                 |                           |
| Current (A)                                                                                                                                                                                                                                                                                            |                          | Ambient temperature (°C) |                                                                  | Additional Text |                           |
| 60                                                                                                                                                                                                                                                                                                     |                          | 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                                                                | 3               | 40                        |
| DOL                                                                                                                                                                                                                                                                                                    | 220 - 240                | 1                        | 2                                                                | 7,50            | 40                        |
| DOL                                                                                                                                                                                                                                                                                                    | 277 - 277                | 1                        | 2                                                                | 7,50            | 40                        |
| DOL                                                                                                                                                                                                                                                                                                    | 415 - 415                | 1                        | 2                                                                | 10              | 40                        |
| DOL                                                                                                                                                                                                                                                                                                    | 440 - 480                | 1                        | 2                                                                | 15              | 40                        |
| DOL                                                                                                                                                                                                                                                                                                    | 550 - 600                | 1                        | 2                                                                | 15              | 40                        |
| DOL                                                                                                                                                                                                                                                                                                    | 110 - 120                | 3                        | 3                                                                | 5               | 40                        |
| DOL                                                                                                                                                                                                                                                                                                    | 220 - 240                | 3                        | 3                                                                | 15              | 40                        |
| DOL                                                                                                                                                                                                                                                                                                    | 415 - 415                | 3                        | 3                                                                | 20              | 40                        |
| DOL                                                                                                                                                                                                                                                                                                    | 440 - 480                | 3                        | 3                                                                | 30              | 40                        |
| DOL                                                                                                                                                                                                                                                                                                    | 550 - 600                | 3                        | 3                                                                | 40              | 40                        |
| 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 70A 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                      | 60                       | 1                                                                | 1               | 1                         |
| AC                                                                                                                                                                                                                                                                                                     | 600                      | 60                       | 1                                                                | 2               | 1                         |
| AC                                                                                                                                                                                                                                                                                                     | 600                      | 60                       | 3                                                                | 3               | 1                         |
| General Information                                                                                                                                                                                                                                                                                    |                          |                          |                                                                  |                 |                           |
| Text                                                                                                                                                                                                                                                                                                   |                          |                          |                                                                  |                 |                           |
| - 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. |                          |                          |                                                                  |                 |                           |

|                                                                                                                                                                                                                                                                                              |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------|--------------------------|
| General Information                                                                                                                                                                                                                                                                          |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
| Text                                                                                                                                                                                                                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
| - 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                                                                              |                                    |                                                                                       |                          |
| Rated insulation voltage Ui                                                                                                                                                                                                                                                                  |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
|                                                                                                                                                                                                                                                                                              |             |                                                                                                                                                                                                                                                                                                                                                                                    | Voltage (V) AC / DC                                                                 |                                    |                                                                                       |                          |
|                                                                                                                                                                                                                                                                                              |             |                                                                                                                                                                                                                                                                                                                                                                                    | 600 AC                                                                              |                                    |                                                                                       |                          |
| Rated thermal current                                                                                                                                                                                                                                                                        |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
|                                                                                                                                                                                                                                                                                              |             |                                                                                                                                                                                                                                                                                                                                                                                    | Current (A)                                                                         | Ambient temperature (°C)           |                                                                                       | Additional Text          |
|                                                                                                                                                                                                                                                                                              |             |                                                                                                                                                                                                                                                                                                                                                                                    | 60                                                                                  | 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                                  | 3                                                                                     | 40                       |
| DOL                                                                                                                                                                                                                                                                                          |             | 220 - 240                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                   | 2                                  | 7,50                                                                                  | 40                       |
| DOL                                                                                                                                                                                                                                                                                          |             | 277 - 277                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                   | 2                                  | 7,50                                                                                  | 40                       |
| DOL                                                                                                                                                                                                                                                                                          |             | 415 - 415                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                   | 2                                  | 10                                                                                    | 40                       |
| DOL                                                                                                                                                                                                                                                                                          |             | 440 - 480                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                   | 2                                  | 15                                                                                    | 40                       |
| DOL                                                                                                                                                                                                                                                                                          |             | 110 - 120                                                                                                                                                                                                                                                                                                                                                                          | 3                                                                                   | 3                                  | 5                                                                                     | 40                       |
| DOL                                                                                                                                                                                                                                                                                          |             | 220 - 240                                                                                                                                                                                                                                                                                                                                                                          | 3                                                                                   | 3                                  | 15                                                                                    | 40                       |
| DOL                                                                                                                                                                                                                                                                                          |             | 415 - 415                                                                                                                                                                                                                                                                                                                                                                          | 3                                                                                   | 3                                  | 20                                                                                    | 40                       |
| DOL                                                                                                                                                                                                                                                                                          |             | 440 - 480                                                                                                                                                                                                                                                                                                                                                                          | 3                                                                                   | 3                                  | 30                                                                                    | 40                       |
| DOL                                                                                                                                                                                                                                                                                          |             | 550 - 600                                                                                                                                                                                                                                                                                                                                                                          | 3                                                                                   | 3                                  | 40                                                                                    | 40                       |
| Temp. rating of wire                                                                                                                                                                                                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
|                                                                                                                                                                                                                                                                                              |             |                                                                                                                                                                                                                                                                                                                                                                                    | Temperature rating (°C)                                                             | Current (A)                        |                                                                                       | Text                     |
|                                                                                                                                                                                                                                                                                              |             |                                                                                                                                                                                                                                                                                                                                                                                    | 75                                                                                  | --                                 |                                                                                       | --                       |
| General Use                                                                                                                                                                                                                                                                                  |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
| AC / DC                                                                                                                                                                                                                                                                                      | Voltage (V) | Current (A)                                                                                                                                                                                                                                                                                                                                                                        | No. of phases                                                                       | No. of poles                       | No. of contacts in series                                                             |                          |
| AC                                                                                                                                                                                                                                                                                           | 277         | 60                                                                                                                                                                                                                                                                                                                                                                                 | 1                                                                                   | 1                                  | 1                                                                                     |                          |
| AC                                                                                                                                                                                                                                                                                           | 600         | 60                                                                                                                                                                                                                                                                                                                                                                                 | 1                                                                                   | 2                                  | 1                                                                                     |                          |
| AC                                                                                                                                                                                                                                                                                           | 600         | 60                                                                                                                                                                                                                                                                                                                                                                                 | 3                                                                                   | 3                                  | 1                                                                                     |                          |
| GENERAL TECHNICAL INFORMATION                                                                                                                                                                                                                                                                |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
| Size of conductor                                                                                                                                                                                                                                                                            |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
| composition of conductor                                                                                                                                                                                                                                                                     |             | Min. / Max. value                                                                                                                                                                                                                                                                                                                                                                  | No. of conductor per terminal                                                       | Cross section (mm²) or (AWG/kcmil) |                                                                                       | Material of the wire     |
| flexible wire                                                                                                                                                                                                                                                                                |             | Max.                                                                                                                                                                                                                                                                                                                                                                               | 1                                                                                   | AWG 6                              |                                                                                       | Copper                   |
| flexible wire                                                                                                                                                                                                                                                                                |             | Max.                                                                                                                                                                                                                                                                                                                                                                               | 1                                                                                   | 10mm²                              |                                                                                       | Copper                   |
| Single-core or stranded wire                                                                                                                                                                                                                                                                 |             | Max.                                                                                                                                                                                                                                                                                                                                                                               | 1                                                                                   | AWG 6                              |                                                                                       | Copper                   |
| Single-core or stranded wire                                                                                                                                                                                                                                                                 |             | Max.                                                                                                                                                                                                                                                                                                                                                                               | 1                                                                                   | 16mm²                              |                                                                                       | Copper                   |
| flexible wire with sleeve                                                                                                                                                                                                                                                                    |             | Max.                                                                                                                                                                                                                                                                                                                                                                               | 1                                                                                   | 10mm²                              |                                                                                       | Copper                   |
| Stripping length                                                                                                                                                                                                                                                                             |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
|                                                                                                                                                                                                                                                                                              |             |                                                                                                                                                                                                                                                                                                                                                                                    | Length (mm) --                                                                      |                                    |                                                                                       |                          |
|                                                                                                                                                                                                                                                                                              |             |                                                                                                                                                                                                                                                                                                                                                                                    |  |                                    |                                                                                       |                          |
|                                                                                                                                                                                                                                                                                              |             |                                                                                                                                                                                                                                                                                                                                                                                    | 12                                                                                  |                                    |                                                                                       |                          |
| Recommended screw driver                                                                                                                                                                                                                                                                     |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
| Type of screw driver                                                                                                                                                                                                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                    | Value                                                                               |                                    |                                                                                       |                          |
| Cross Screwdriver                                                                                                                                                                                                                                                                            |             |                                                                                                                                                                                                                                                                                                                                                                                    | PH2                                                                                 |                                    |                                                                                       |                          |
| Slot screwdriver according to DIN 5264                                                                                                                                                                                                                                                       |             |                                                                                                                                                                                                                                                                                                                                                                                    | 1,2x6,5                                                                             |                                    |                                                                                       |                          |
| Tightening torque of screws                                                                                                                                                                                                                                                                  |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
|                                                                                                                                                                                                                                                                                              |             |                                                                                                                                                                                                                                                                                                                                                                                    | tightening torque (Nm)                                                              |                                    | tightening torque (lb-in)                                                             |                          |
|                                                                                                                                                                                                                                                                                              |             |                                                                                                                                                                                                                                                                                                                                                                                    | 1,80                                                                                |                                    | 16                                                                                    |                          |
| Approbations                                                                                                                                                                                                                                                                                 |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
| Specification                                                                                                                                                                                                                                                                                |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    | Marking                                                                               |                          |
| EAC                                                                                                                                                                                                                                                                                          |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |  |                          |
| CE marking                                                                                                                                                                                                                                                                                   |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |  |                          |
| UK Directives                                                                                                                                                                                                                                                                                |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |  |                          |
| CSA C.22.2 No.14                                                                                                                                                                                                                                                                             |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |  |                          |
| GB/T14048.3                                                                                                                                                                                                                                                                                  |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |  |                          |
| General Information                                                                                                                                                                                                                                                                          |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
| Text                                                                                                                                                                                                                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
| - EMC Note: This device is suitable for use in environment A and B.                                                                                                                                                                                                                          |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
| - Do not lubricate or treat contacts.                                                                                                                                                                                                                                                        |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
| - Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.                                                                                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
| - Use copper wire only. Do not coat the wire end with tin.                                                                                                                                                                                                                                   |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
| - Terminals with factory fitted jumper links are tightened during production. Take care during installation to ensure factory fitted links are not lost by undoing both sides of linked terminals. After wiring, all terminal screws must be tightened to recommended torque specifications. |             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                                    |                                                                                       |                          |
| 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> |                                                                                     |                                    |                                                                                       |                          |

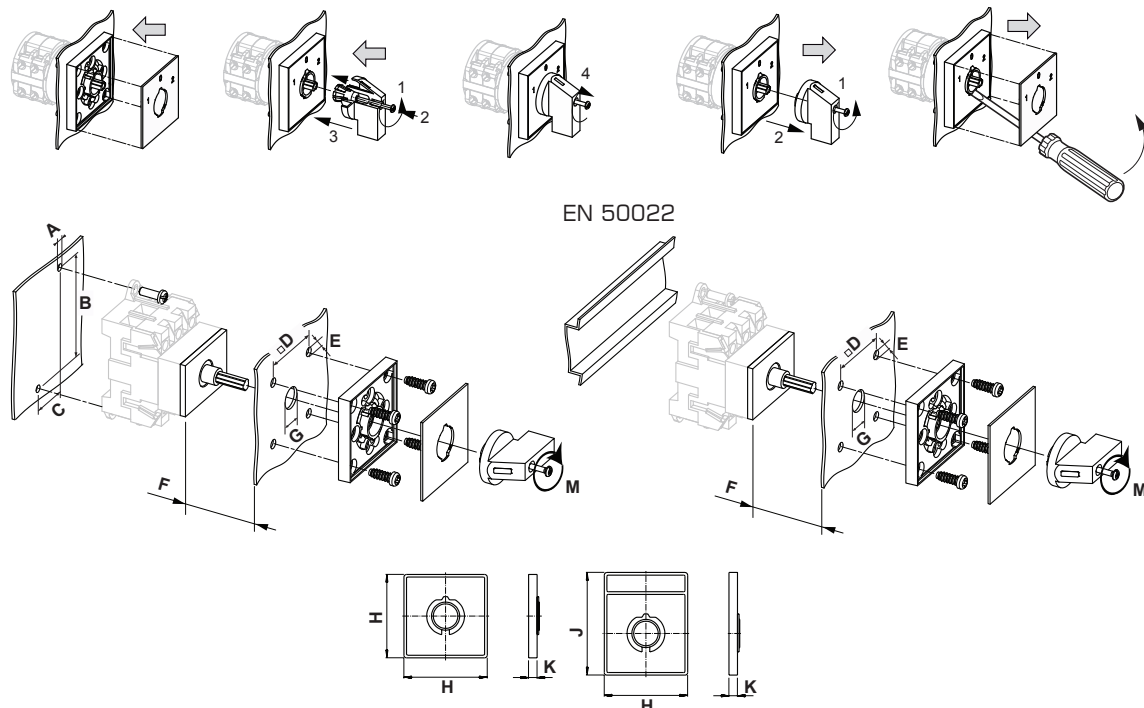
**Proposition 65**
*Picture name*
*Description*


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 [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

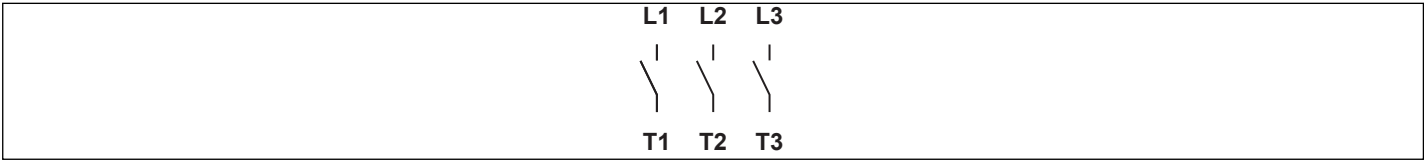
**Mounting-VE**


| IP - Code front side |    | IP40             |
|----------------------|----|------------------|
| Stages               |    | 1,00 - 5,00      |
| A                    | Ø  | 4,10 mm          |
| B                    | H  | 70,00 mm         |
| C                    | H  | 25,00 mm         |
| D                    | □  | 48,00 mm         |
| E                    | Ø  | 5,00 mm          |
| F                    | H  | <= 13,50 mm      |
| G                    | Ø  | 10,00 - 15,00 mm |
| H                    | H  | 64,00 mm         |
| J                    | H  | 78,00 mm         |
| K                    | H  | 7,40 mm          |
| M                    | M̃ | 0,70 Nm          |



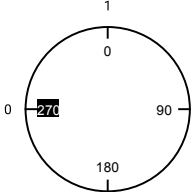
Wiring diagram

KG64B.T303.VE



## Switch program

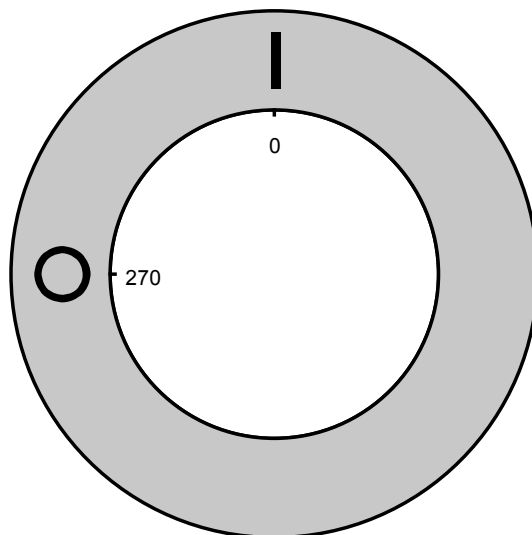
KG64B.T303.VE

|  Kraus & Naimer         |     | KG64B                                                                             |         | T303    |   | Page 1 of 1 |    |    |    |
|----------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------|---------|---------|---|-------------|----|----|----|
|                                                                                                          |     |                                                                                   |         |         |   |             |    |    |    |
| <b>Face Plate</b>                                                                                        |     |                                                                                   |         |         |   |             |    |    |    |
|                         |     | L1<br>1                                                                           | L2<br>3 | L3<br>5 | 7 | 9           | 11 | 13 | 15 |
|                                                                                                          |     |  |         |         |   |             |    |    |    |
| Switching Angle <input type="text" value="90"/><br>Total switching Angle <input type="text" value="90"/> |     | 2<br>T1                                                                           | 4<br>T2 | 6<br>T3 | 8 | 10          | 12 | 14 | 16 |
| 0                                                                                                        | 270 |                                                                                   |         |         |   |             |    |    |    |
|                                                                                                          |     |                                                                                   |         |         |   |             |    |    |    |
| 1                                                                                                        | 0   |                                                                                   |         |         |   |             |    |    |    |
|                                                                                                          |     |                                                                                   |         |         |   |             |    |    |    |
|                                                                                                          | 90  |                                                                                   |         |         |   |             |    |    |    |
|                                                                                                          |     |                                                                                   |         |         |   |             |    |    |    |
|                                                                                                          | 180 |                                                                                   |         |         |   |             |    |    |    |
|                                                                                                          |     |                                                                                   |         |         |   |             |    |    |    |
|                                                                                                          |     |                                                                                   |         |         |   |             |    |    |    |
|                                                                                                          |     |                                                                                   |         |         |   |             |    |    |    |

Version: 102

## Face plate

S1.F456/C10.V11H





Sample image

## PADLOCK DEVICE

with F-handle ring

**Designation:** S1.V840G/D61/B2

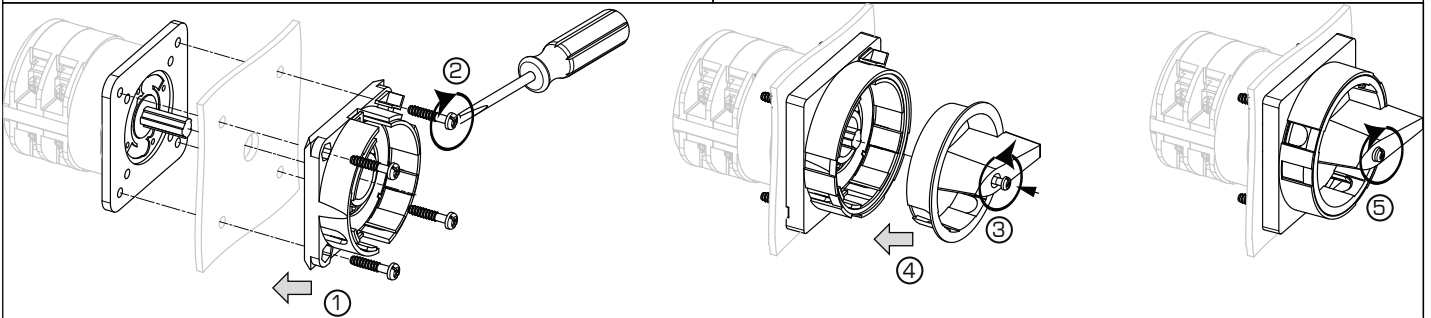
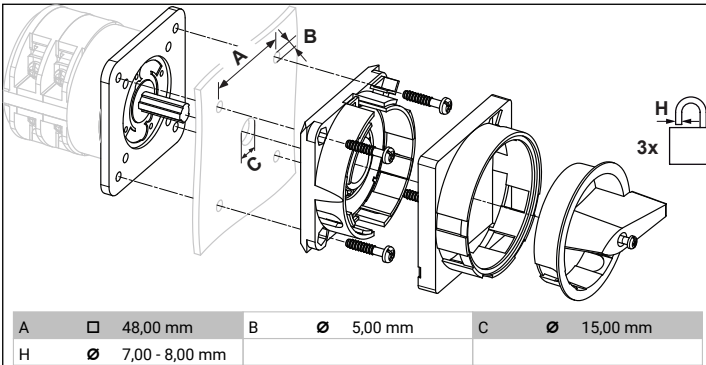
**Colour of F-handle ring:** "D" red

**Colour of face ring:** "6" yellow

**Locking position:** "1" at 270° (1x90°)

**Type of mounting:** "B" for type of mounting VE

**Switch type:** "2" for KA-, KG- and KH(R)-switches



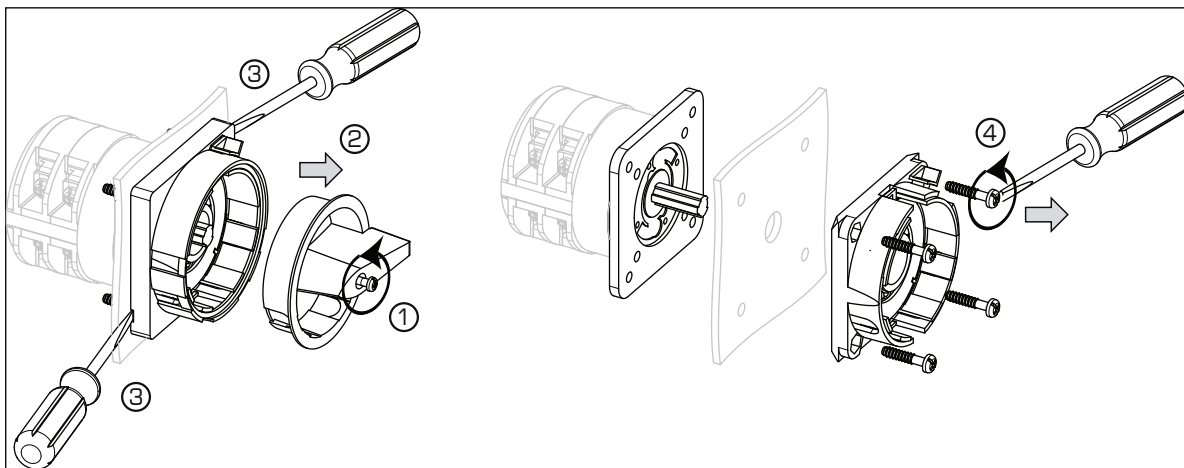
### MOUNTING

1 + 2 The padlock device has to be mounted by four cylinder head screws from the front.

3 Loosen the screw and

4 Push it into the handle onto the shaft

5 Fasten the screw.



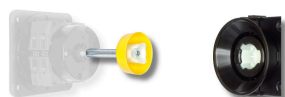
1 Loose handle screw

2 remove handle.

3 Insert a proper auxiliary tool at those points of the frame of the device which are marked by a screw driver on the drawing and remove the frame.

4 Fixing screws can be loosen now.





Sample image

## STANDARD DOOR CLUTCH

with shaft extension/asymmetric profile (with arresting screw)

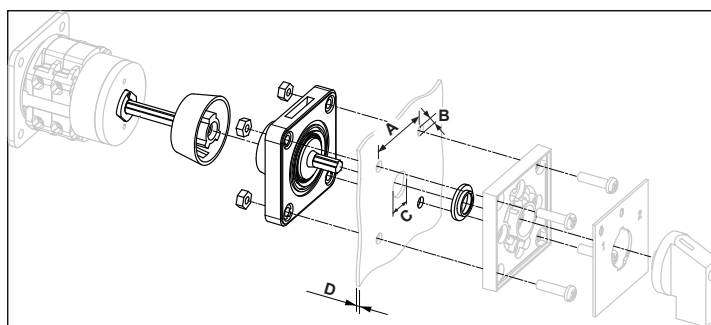
**Designation:** S1.M280E/B21S-EF

**Type of interlock:** "B2" with protected profile and interlock by door clutch

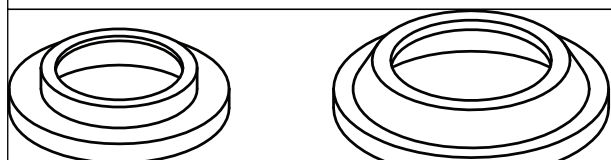
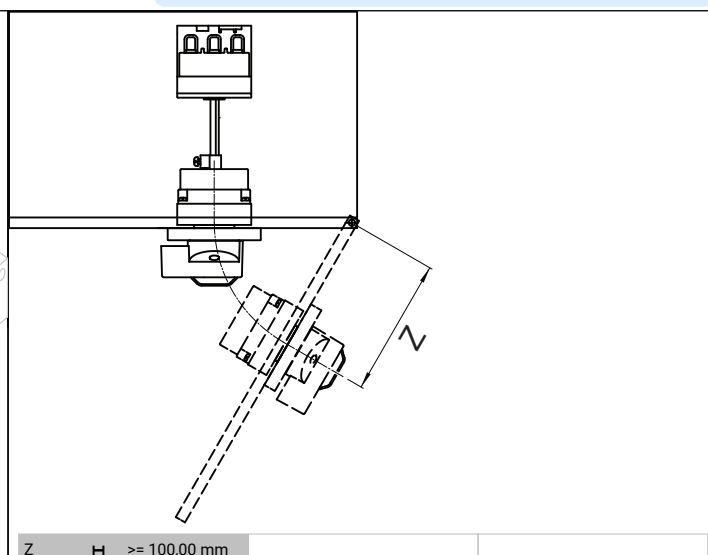
**Shaft length:** "1" 32 - 57 mm

**Application:** "S" for type of mounting VE

**Type of version:** "-EF" splash proof (IP66/67)



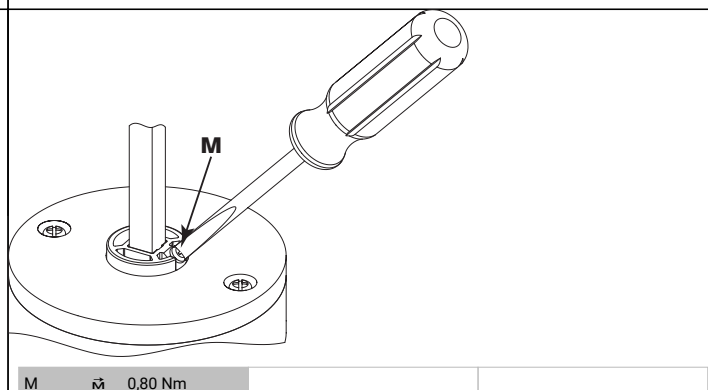
|   |   |          |   |   |         |   |   |                  |
|---|---|----------|---|---|---------|---|---|------------------|
| A | □ | 48,00 mm | B | ∅ | 5,00 mm | C | ∅ | 19,00 - 22,00 mm |
| D | H | 4,00 mm  |   |   |         |   |   |                  |



**S2D V840 10**

**S3D V840 10**

If S2 V840D or S2/S3 V845 will be applied with M280D, M280E or M280F, separately delivered parts S2D V840 10 resp. S3D V840 10 are not needed.



1. Loosen the screw
2. Move shaft
3. Tighten the screw