



Sample image

## Datasheet

**Article number:** 70012786

**Designation:** KG100C.T106/41.STM

**Description:** Switch Global Disconnecter

|                                                                                                                                                                                                                                        |                          |                                          |                                                                |                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------|----------------------------------------------------------------|---------------------------------------|
| IEC 60947-3 EN 60947-3, VDE 0660 Teil 107                                                                                                                                                                                              |                          |                                          |                                                                |                                       |
| Tension assignée d'isolement Ui                                                                                                                                                                                                        |                          |                                          |                                                                |                                       |
| Tension (V) AC / DC                                                                                                                                                                                                                    |                          |                                          |                                                                |                                       |
| 690 AC                                                                                                                                                                                                                                 |                          |                                          |                                                                |                                       |
| Courant Ininterrompu et thermique conventionnel Iu/Ith                                                                                                                                                                                 |                          |                                          |                                                                |                                       |
| Intensité (A)                                                                                                                                                                                                                          | Température Ambiante (°) | Température Maxi (°)                     | Spécification complémentaire                                   |                                       |
| 100                                                                                                                                                                                                                                    | 50                       | 55                                       | Température ambiante +50°C durant 24 heures avec point à +55°C |                                       |
| Courant assigné d'emploi Ie                                                                                                                                                                                                            |                          |                                          |                                                                |                                       |
| Catégorie d'emploi                                                                                                                                                                                                                     |                          | Tension (V)                              |                                                                | Intensité (A)                         |
| AC-32A                                                                                                                                                                                                                                 |                          | 20 - 400                                 |                                                                | 100                                   |
| Puissance assignée d'emploi                                                                                                                                                                                                            |                          |                                          |                                                                |                                       |
| Catégorie d'emploi                                                                                                                                                                                                                     | Tension (V)              | Nb de phases                             | Nb de pôles                                                    | Puissance (kW)                        |
| AC-3                                                                                                                                                                                                                                   | 220 - 240                | 3                                        | 3                                                              | 18,50                                 |
| AC-3                                                                                                                                                                                                                                   | 380 - 440                | 3                                        | 3                                                              | 30                                    |
| AC-3                                                                                                                                                                                                                                   | 660 - 690                | 3                                        | 3                                                              | 22                                    |
| AC-23A                                                                                                                                                                                                                                 | 220 - 240                | 3                                        | 3                                                              | 22                                    |
| AC-23A                                                                                                                                                                                                                                 | 380 - 440                | 3                                        | 3                                                              | 37                                    |
| AC-23A                                                                                                                                                                                                                                 | 660 - 690                | 3                                        | 3                                                              | 30                                    |
| Protection par fusible (IEC)                                                                                                                                                                                                           |                          |                                          |                                                                |                                       |
| Caractéri                                                                                                                                                                                                                              |                          | Nombre de fusible                        |                                                                | Intensité (A)                         |
| gG                                                                                                                                                                                                                                     |                          | 1                                        |                                                                | 100                                   |
| UL60947-4-1 , UL508                                                                                                                                                                                                                    |                          |                                          |                                                                |                                       |
| Nominal Voltage                                                                                                                                                                                                                        |                          |                                          |                                                                |                                       |
| Tension (V) AC / DC                                                                                                                                                                                                                    |                          |                                          |                                                                |                                       |
| 600 AC                                                                                                                                                                                                                                 |                          |                                          |                                                                |                                       |
| Tension assignée d'isolement Ui                                                                                                                                                                                                        |                          |                                          |                                                                |                                       |
| Tension (V) AC / DC                                                                                                                                                                                                                    |                          |                                          |                                                                |                                       |
| 600 AC                                                                                                                                                                                                                                 |                          |                                          |                                                                |                                       |
| Rated thermal current                                                                                                                                                                                                                  |                          |                                          |                                                                |                                       |
| Intensité (A)                                                                                                                                                                                                                          |                          | Température Ambiante (°) Additional Text |                                                                |                                       |
| 100                                                                                                                                                                                                                                    |                          | 0 - 40 --                                |                                                                |                                       |
| Horsepower rating                                                                                                                                                                                                                      |                          |                                          |                                                                |                                       |
| Across-the-Line Motor Starting                                                                                                                                                                                                         | Tension (V)              | Nb de phases                             | Nb de pôles                                                    | Power (HP) Ambient temperature [°C]   |
| DOL                                                                                                                                                                                                                                    | 110 - 120                | 1                                        | 2                                                              | 5 40                                  |
| DOL                                                                                                                                                                                                                                    | 220 - 240                | 1                                        | 2                                                              | 15 40                                 |
| DOL                                                                                                                                                                                                                                    | 277 - 277                | 1                                        | 2                                                              | 15 40                                 |
| DOL                                                                                                                                                                                                                                    | 415 - 415                | 1                                        | 2                                                              | 25 40                                 |
| DOL                                                                                                                                                                                                                                    | 440 - 480                | 1                                        | 2                                                              | 30 40                                 |
| DOL                                                                                                                                                                                                                                    | 550 - 600                | 1                                        | 2                                                              | 30 40                                 |
| DOL                                                                                                                                                                                                                                    | 110 - 120                | 3                                        | 3                                                              | 10 40                                 |
| DOL                                                                                                                                                                                                                                    | 220 - 240                | 3                                        | 3                                                              | 25 40                                 |
| DOL                                                                                                                                                                                                                                    | 415 - 415                | 3                                        | 3                                                              | 40 40                                 |
| DOL                                                                                                                                                                                                                                    | 440 - 480                | 3                                        | 3                                                              | 50 40                                 |
| DOL                                                                                                                                                                                                                                    | 550 - 600                | 3                                        | 3                                                              | 50 40                                 |
| SCCR / Max. fuse rating                                                                                                                                                                                                                |                          |                                          |                                                                |                                       |
| Conditions of acceptability                                                                                                                                                                                                            |                          |                                          |                                                                |                                       |
| These devices are suitable for use on circuits capable of delivering not more than 10kA rms symmetrical amperes, 600V ac max. when protected by Type RK1 fuses or Circuit Breaker Type SFHA36AT0250, manufactured by General Electric. |                          |                                          |                                                                |                                       |
| Suitable for use on a circuit capable of delivering not more than 65000 rms symmetrical amperes 600V max., when protected by Class J fuses, 100A max.                                                                                  |                          |                                          |                                                                |                                       |
| Temp. rating of wire                                                                                                                                                                                                                   |                          |                                          |                                                                |                                       |
| Temperature rating (°C)                                                                                                                                                                                                                |                          | Intensité (A) Text                       |                                                                |                                       |
| 75                                                                                                                                                                                                                                     |                          | -- --                                    |                                                                |                                       |
| Connecting instructions                                                                                                                                                                                                                |                          |                                          |                                                                |                                       |
| Markings                                                                                                                                                                                                                               |                          |                                          |                                                                |                                       |
| Break all lines.                                                                                                                                                                                                                       |                          |                                          |                                                                |                                       |
| General Use                                                                                                                                                                                                                            |                          |                                          |                                                                |                                       |
| AC / DC                                                                                                                                                                                                                                | Tension (V)              | Intensité (A)                            | Nb de phases                                                   | Nb de pôles No. of contacts in series |
| AC                                                                                                                                                                                                                                     | 277                      | 100                                      | 1                                                              | 1 1                                   |
| AC                                                                                                                                                                                                                                     | 600                      | 100                                      | 1                                                              | 2 1                                   |
| AC                                                                                                                                                                                                                                     | 600                      | 100                                      | 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. |                   |               |                                                                                     |                                    |                                                                                       |                      |
| - 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                                                                                                                                                                                                                                                                                        |                   |               |                                                                                     |                                    |                                                                                       |                      |
|                                                                                                                                                                                                                                                                                                        |                   |               | Tension (V) AC / DC                                                                 |                                    |                                                                                       |                      |
|                                                                                                                                                                                                                                                                                                        |                   |               | 600 AC                                                                              |                                    |                                                                                       |                      |
| Tension assignée d'isolement Ui                                                                                                                                                                                                                                                                        |                   |               |                                                                                     |                                    |                                                                                       |                      |
|                                                                                                                                                                                                                                                                                                        |                   |               | Tension (V) AC / DC                                                                 |                                    |                                                                                       |                      |
|                                                                                                                                                                                                                                                                                                        |                   |               | 600 AC                                                                              |                                    |                                                                                       |                      |
| Rated thermal current                                                                                                                                                                                                                                                                                  |                   |               |                                                                                     |                                    |                                                                                       |                      |
|                                                                                                                                                                                                                                                                                                        |                   | Intensité (A) | Température Ambiante (°)                                                            |                                    | Additional Text                                                                       |                      |
|                                                                                                                                                                                                                                                                                                        |                   | 100           | 0 - 40                                                                              |                                    | --                                                                                    |                      |
| Horsepower rating                                                                                                                                                                                                                                                                                      |                   |               |                                                                                     |                                    |                                                                                       |                      |
| Across-the-Line Motor Starting                                                                                                                                                                                                                                                                         |                   |               | Tension (V)                                                                         | Nb de phases                       | Nb de pôles                                                                           | Power (HP)           |
| DOL                                                                                                                                                                                                                                                                                                    |                   |               | 110 - 120                                                                           | 1                                  | 2                                                                                     | 5                    |
| DOL                                                                                                                                                                                                                                                                                                    |                   |               | 220 - 240                                                                           | 1                                  | 2                                                                                     | 15                   |
| DOL                                                                                                                                                                                                                                                                                                    |                   |               | 277 - 277                                                                           | 1                                  | 2                                                                                     | 15                   |
| DOL                                                                                                                                                                                                                                                                                                    |                   |               | 415 - 415                                                                           | 1                                  | 2                                                                                     | 25                   |
| DOL                                                                                                                                                                                                                                                                                                    |                   |               | 440 - 480                                                                           | 1                                  | 2                                                                                     | 30                   |
| DOL                                                                                                                                                                                                                                                                                                    |                   |               | 550 - 600                                                                           | 1                                  | 2                                                                                     | 30                   |
| DOL                                                                                                                                                                                                                                                                                                    |                   |               | 110 - 120                                                                           | 3                                  | 3                                                                                     | 10                   |
| DOL                                                                                                                                                                                                                                                                                                    |                   |               | 220 - 240                                                                           | 3                                  | 3                                                                                     | 25                   |
| DOL                                                                                                                                                                                                                                                                                                    |                   |               | 415 - 415                                                                           | 3                                  | 3                                                                                     | 40                   |
| DOL                                                                                                                                                                                                                                                                                                    |                   |               | 440 - 480                                                                           | 3                                  | 3                                                                                     | 50                   |
| DOL                                                                                                                                                                                                                                                                                                    |                   |               | 550 - 600                                                                           | 3                                  | 3                                                                                     | 50                   |
| Temp. rating of wire                                                                                                                                                                                                                                                                                   |                   |               |                                                                                     |                                    |                                                                                       |                      |
|                                                                                                                                                                                                                                                                                                        |                   |               | Temperature rating (°C)                                                             | Intensité (A)                      |                                                                                       | Text                 |
|                                                                                                                                                                                                                                                                                                        |                   |               | 75                                                                                  | --                                 |                                                                                       | --                   |
| General Use                                                                                                                                                                                                                                                                                            |                   |               |                                                                                     |                                    |                                                                                       |                      |
| AC / DC                                                                                                                                                                                                                                                                                                | Tension (V)       | Intensité (A) | Nb de phases                                                                        | Nb de pôles                        | No. of contacts in series                                                             |                      |
| AC                                                                                                                                                                                                                                                                                                     | 277               | 100           | 1                                                                                   | 1                                  | 1                                                                                     |                      |
| AC                                                                                                                                                                                                                                                                                                     | 600               | 100           | 1                                                                                   | 2                                  | 1                                                                                     |                      |
| AC                                                                                                                                                                                                                                                                                                     | 600               | 100           | 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                                                                                   | 35mm²                              |                                                                                       | Copper               |
| flexible wire                                                                                                                                                                                                                                                                                          | Max.              |               | 1                                                                                   | AWG 2                              |                                                                                       | Copper               |
| Single-core or stranded wire                                                                                                                                                                                                                                                                           | Max.              |               | 1                                                                                   | AWG 1/0                            |                                                                                       | Copper               |
| Single-core or stranded wire                                                                                                                                                                                                                                                                           | Max.              |               | 1                                                                                   | 50mm²                              |                                                                                       | Copper               |
| flexible wire with sleeve                                                                                                                                                                                                                                                                              | Max.              |               | 1                                                                                   | 35mm²                              |                                                                                       | Copper               |
| Stripping length                                                                                                                                                                                                                                                                                       |                   |               |                                                                                     |                                    |                                                                                       |                      |
|                                                                                                                                                                                                                                                                                                        |                   |               | Length (mm) --                                                                      |                                    |                                                                                       |                      |
|                                                                                                                                                                                                                                                                                                        |                   |               |  |                                    |                                                                                       |                      |
|                                                                                                                                                                                                                                                                                                        |                   |               | 14                                                                                  |                                    |                                                                                       |                      |
| Recommandations concernant le tournevis                                                                                                                                                                                                                                                                |                   |               |                                                                                     |                                    |                                                                                       |                      |
| Type                                                                                                                                                                                                                                                                                                   | Value             |               |                                                                                     |                                    |                                                                                       |                      |
| Tournevis cruciforme                                                                                                                                                                                                                                                                                   | PH2               |               |                                                                                     |                                    |                                                                                       |                      |
| Slot screwdriver according to DIN 5264                                                                                                                                                                                                                                                                 | 1,2x6,5           |               |                                                                                     |                                    |                                                                                       |                      |
| Tightening torque of screws                                                                                                                                                                                                                                                                            |                   |               |                                                                                     |                                    |                                                                                       |                      |
|                                                                                                                                                                                                                                                                                                        |                   |               | tightening torque (Nm)                                                              |                                    | tightening torque (lb-in)                                                             |                      |
|                                                                                                                                                                                                                                                                                                        |                   |               | 3                                                                                   |                                    | 27                                                                                    |                      |
| 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.                                                                                                                                                                                                                                    |                   |               |                                                                                     |                                    |                                                                                       |                      |
| - Ne jamais lubrifier ou traiter les contacts.                                                                                                                                                                                                                                                         |                   |               |                                                                                     |                                    |                                                                                       |                      |
| - Les commutateurs ne peuvent être montés, branchés et mis en service que par une personne qualifiée selon les règles techniques en vigueur.                                                                                                                                                           |                   |               |                                                                                     |                                    |                                                                                       |                      |
| - Use copper wire only. Do not coat the wire end with tin.                                                                                                                                                                                                                                             |                   |               |                                                                                     |                                    |                                                                                       |                      |

## General Information

### Text

- Les bornes qui ne sont pas supposées être utilisées pour le raccordement de l'appareil sont livrées serrées et ne doivent pas être desserrées. Si toutefois ces bornes sont malgré tout ouvertes accidentellement, vérifier qu'aucun shunt n'est manquant. Le câblage terminé, s'assurer que toutes les bornes sont serrées.

## Waste Electrical & Electronic Equipment (WEEE)

### Picture name Description



Do not throw in the trash as care must be taken to ensure environmentally sound disposal and recycling. Please either use an environmentally friendly waste disposal company; return to the supplier for disposal; or return direct to the manufacturer, Kraus & Naimer. You can find local Kraus & Naimer offices at [www.krausnaimer.com](http://www.krausnaimer.com)

## Proposition 65

### Picture name Description



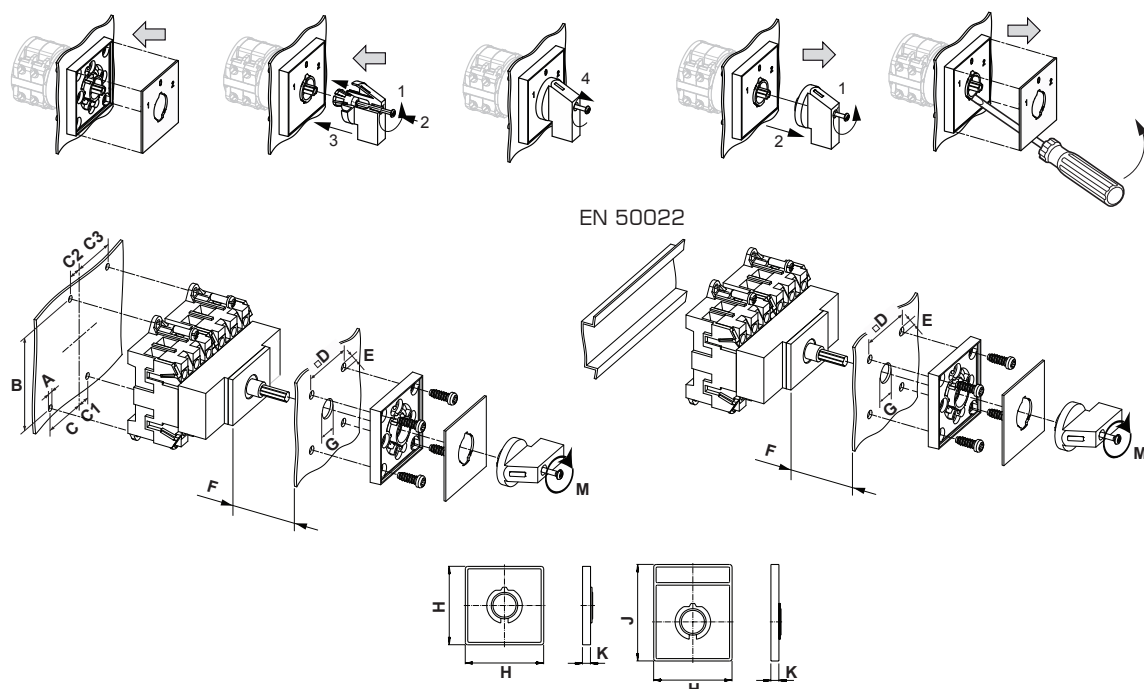
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Type de contacts: Rigid contact bridge

Revêtement des Contacts: Silver

Types de raccordement: Screw terminal

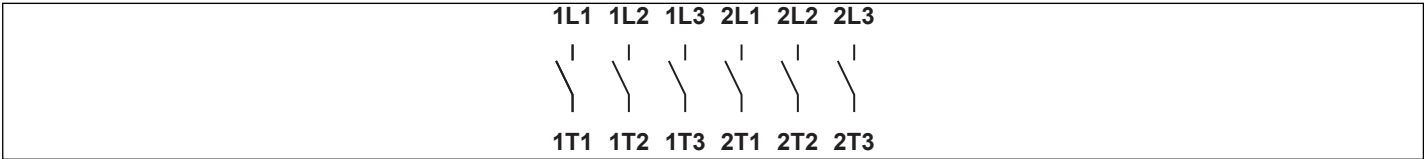
## Fixation-VE



|                      |                    |
|----------------------|--------------------|
| IP - Code front side | IP40               |
| Stages               | 6,00 - 7,00        |
| A                    | Ø 5,20 mm          |
| B                    | H 90,00 mm         |
| B_tol.               | H ± 0,50 mm        |
| C                    | H 47,50 mm         |
| C_tol.               | H ± 0,00 mm        |
| C1                   | H 22,50 mm         |
| D                    | □ 68,00 mm         |
| E                    | Ø 6,00 mm          |
| F                    | H ≤ 13,50 mm       |
| G                    | Ø 10,00 - 15,00 mm |
| H                    | H 88,00 mm         |
| J                    | H 124,00 mm        |
| K                    | H 8,50 mm          |
| M                    | M 1,20 Nm          |

Wiring diagram

KG100C.T306.VE



## Switch program

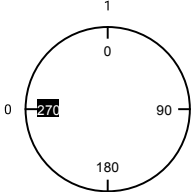
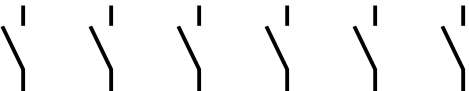
KG100C.T306.VE



Kraus & Naimer

KG100C
T306
VE

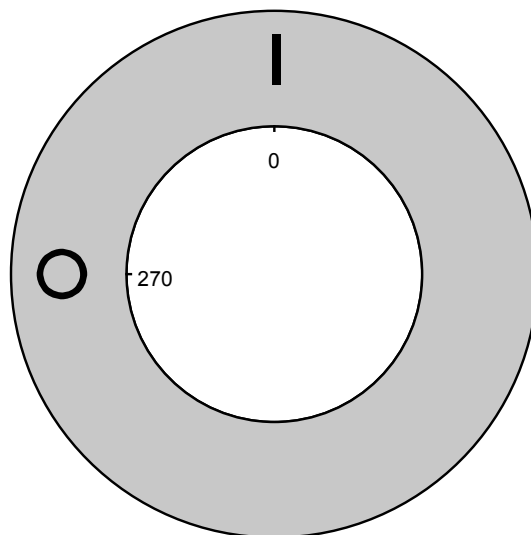
Page 1 of 1

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

Version: 117

## Face plate

S2.F456/C10.V11





Sample image

## PADLOCK DEVICE

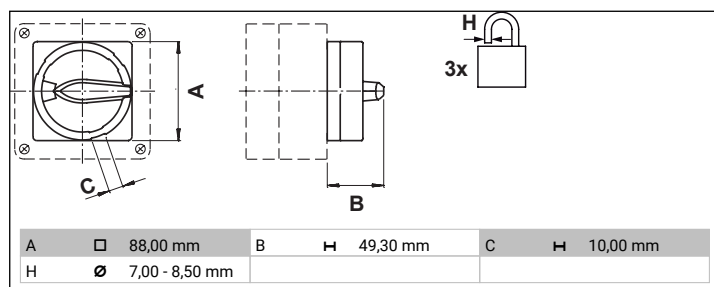
with F-handle ring for type of mounting E, EF, E22, FT, VE, GK, PN, PF, KS (S00)

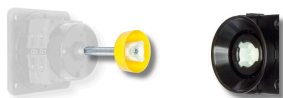
**Designation:** S2.V840D/B7-J

**Colour of F-handle ring:** "B" electro-grey

**Colour of face ring:** "7" electro-grey

**Type of mounting:** "-J" for type of mounting VE for KG80C/KG100C





Sample image

## STANDARD DOOR CLUTCH

with shaft extension/asymmetric profile (with arresting screw)

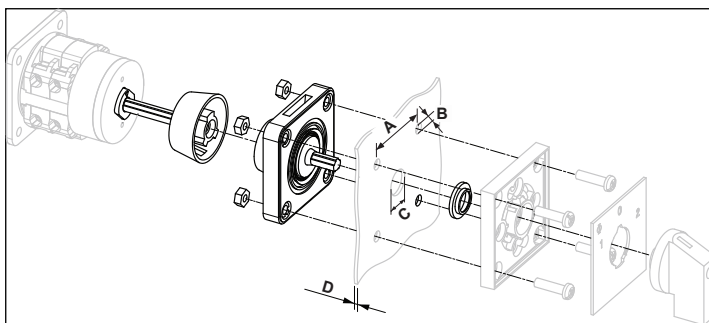
**Designation:** S1.M280E/B21S-EF

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

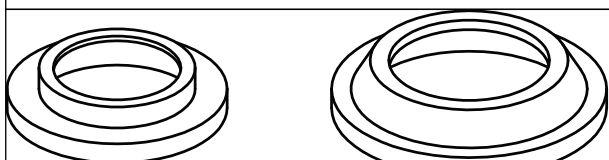
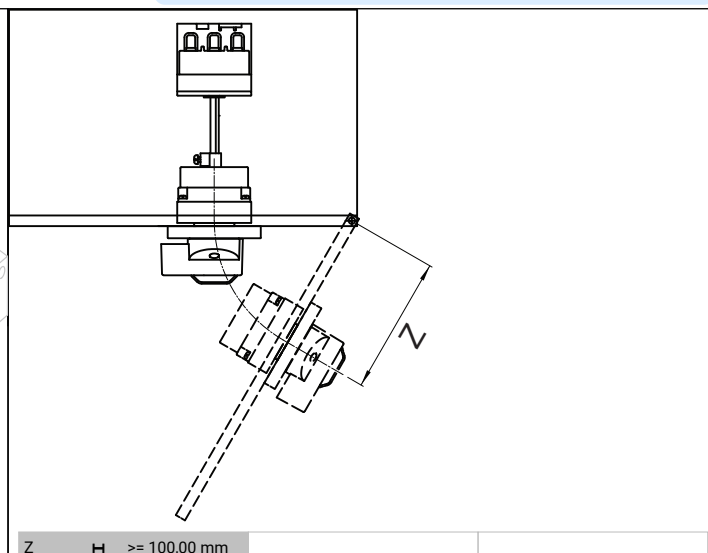
**Shaft length:** "1" 32 - 57 mm

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

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



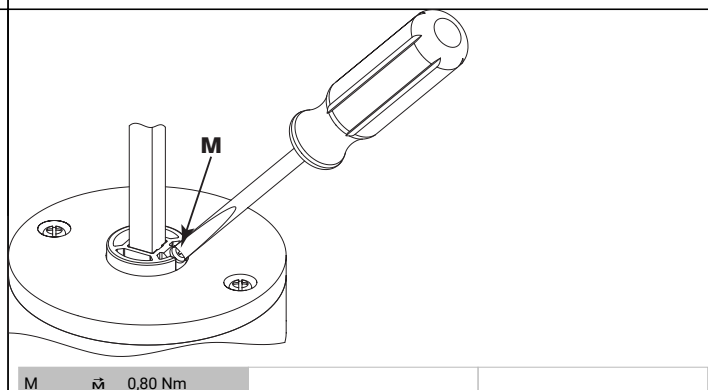
|   |   |          |   |   |         |   |   |                  |
|---|---|----------|---|---|---------|---|---|------------------|
| A | □ | 48,00 mm | B | ∅ | 5,00 mm | C | ∅ | 19,00 - 22,00 mm |
| D | H | 4,00 mm  |   |   |         |   |   |                  |



**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





Sample image

## GROUND TERMINAL (PE)

for KG- and KH-Switches

**Designation:** K2.H052/C

**Switch type:** "C" for KG80 - KG100C

### UL60947-4-1 , UL508

#### Nominal Voltage

Tension (V) AC / DC  
600 AC

#### Tension assignée d'isolement Ui

Tension (V) AC / DC  
600 AC

#### Rated thermal current

Intensité (A) 100  
Température Ambiante (°) 0 - 40 -  
Additional Text

### GENERAL TECHNICAL INFORMATION

#### Size of conductor

| composition of conductor     | Min. / Max. value | No. of conductor per terminal | Cross section (mm <sup>2</sup> ) or (AWG/kcmil) | Material of the wire |
|------------------------------|-------------------|-------------------------------|-------------------------------------------------|----------------------|
| flexible wire                | Max.              | 1                             | 35mm <sup>2</sup>                               | Copper               |
| flexible wire                | Max.              | 1                             | AWG 2                                           | Copper               |
| Single-core or stranded wire | Max.              | 1                             | AWG 1/0                                         | Copper               |
| Single-core or stranded wire | Max.              | 1                             | 50mm <sup>2</sup>                               | Copper               |
| flexible wire with sleeve    | Max.              | 1                             | 35mm <sup>2</sup>                               | Copper               |

#### Stripping length

Length (mm) -



#### Recommandations concernant le tournevis

| Type                                   | Value   |
|----------------------------------------|---------|
| Tournevis cruciforme                   | PH2     |
| Slot screwdriver according to DIN 5264 | 1,2x6,5 |

#### Tightening torque of screws

| tightening torque (Nm) | tightening torque (lb-in) |
|------------------------|---------------------------|
| 3                      | 27                        |

#### Approbations

##### Specification

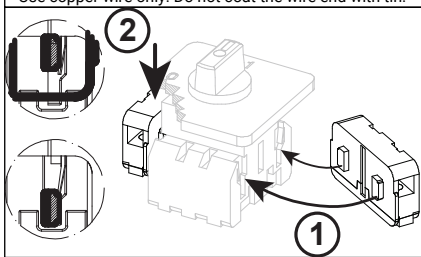
CSA C.22.2 No.14

#### General Information

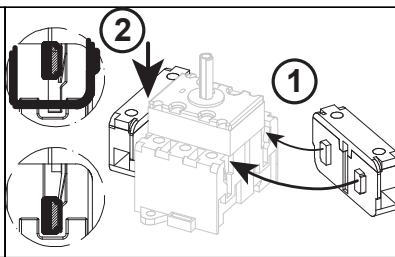
##### Text

- Use copper wire only. Do not coat the wire end with tin.

##### Marking



PE  
PE



## AUXILIARY CONTACTS

(cam operated) for switch type KG20 - KG100C and KH(R)16 - KH(R)25B

**Designation:** K2.M510A/2CA-B

**Number of contacts:** "2" 2 auxiliary contacts

**Operation of contacts:** "C" 1 auxiliary contact closed in pos. 1 and 1 auxiliary contact closed in pos. 0 (NO/NC)

**Type of version:** "A" 1. auxiliary contact module

**Type of mounting:** "-B" for type of mounting VE, VE2, silver contacts

### IEC 60947-3 EN 60947-3, VDE 0660 Teil 107

| Nominal Voltage                                        |                          |                      |                                                                |
|--------------------------------------------------------|--------------------------|----------------------|----------------------------------------------------------------|
|                                                        |                          | Tension (V) AC / DC  |                                                                |
|                                                        |                          | 690 AC               |                                                                |
| Courant ininterrompu et thermique conventionnel lu/lth |                          |                      |                                                                |
| Intensité (A)                                          | Température Ambiante (°) | Température Maxi (°) | Spécification complémentaire                                   |
| 16                                                     | 55                       | 60                   | Température ambiante +55°C durant 24 heures avec point à +60°C |
| Courant assigné d'emploi le                            |                          |                      |                                                                |
| Catégorie d'emploi                                     | Tension (V)              |                      | Intensité (A)                                                  |
| AC-15                                                  | 110 - 240                |                      | 6                                                              |
| AC-15                                                  | 380 - 440                |                      | 3                                                              |
| AC-15                                                  | 500                      |                      | 1,50                                                           |
| AC-21A                                                 | 20 - 690                 |                      | 16                                                             |

### UL60947-4-1, UL508

| Nominal Voltage                 |             |                     |                                                    |
|---------------------------------|-------------|---------------------|----------------------------------------------------|
|                                 |             | Tension (V) AC / DC |                                                    |
|                                 |             | 600 AC              |                                                    |
| Tension assignée d'isolement Ui |             |                     |                                                    |
|                                 |             | Tension (V) AC / DC |                                                    |
|                                 |             | 600 AC              |                                                    |
| Rated thermal current           |             |                     |                                                    |
|                                 |             | Intensité (A)       | Température Ambiante (°) Additional Text           |
|                                 |             | 10                  | 0 - 40 --                                          |
| Pilot duty rating code          |             |                     |                                                    |
| Duty Code                       |             |                     |                                                    |
| A600                            |             |                     |                                                    |
| General Use                     |             |                     |                                                    |
| AC / DC                         | Tension (V) | Intensité (A)       | Nb de phases Nb de pôles No. of contacts in series |
| AC                              | 600         | 10                  | 1 1 1                                              |

### GENERAL TECHNICAL INFORMATION

| 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      |
| solid wire                                                                          | Min.              | 1                             | 0,5mm²                             | Copper                    |
| solid wire                                                                          | Min.              | 2                             | 0,5mm²                             | Copper                    |
| flexible wire                                                                       | Min.              | 1                             | 0,75mm²                            | Copper                    |
| flexible wire                                                                       | Min.              | 2                             | 0,75mm²                            | Copper                    |
| flexible wire                                                                       | Max.              | 2                             | 2,5mm²                             | Copper                    |
| flexible wire                                                                       | Max.              | 2                             | AWG 14                             | Copper                    |
| Single-core or stranded wire                                                        | Max.              | 2                             | AWG 12                             | Copper                    |
| Single-core or stranded wire                                                        | Max.              | 2                             | 2,5mm²                             | Copper                    |
| flexible wire with ferrule according to DIN 46228                                   | Max.              | 2                             | 2,5mm²                             | Copper                    |
| flexible wire with ferrule according to DIN 46228                                   | Min.              | 1                             | 0,5mm²                             | Copper                    |
| flexible wire with ferrule according to DIN 46228                                   | Min.              | 2                             | 0,5mm²                             | Copper                    |
| Stripping length                                                                    |                   |                               |                                    |                           |
| Length (mm) –                                                                       |                   |                               |                                    |                           |
|  |                   |                               |                                    |                           |
| Recommandations concernant le tournevis                                             |                   |                               |                                    |                           |
| Type                                                                                | Value             |                               |                                    |                           |
| Tournevis cruciforme                                                                | PH1               |                               |                                    |                           |
| Slot screwdriver according to DIN 5264                                              | 0,8x4             |                               |                                    |                           |
| Tightening torque of screws                                                         |                   |                               |                                    |                           |
|                                                                                     |                   |                               | tightening torque (Nm)             | tightening torque (lb-in) |
|                                                                                     |                   |                               | 0.60                               |                           |

## General Information

### Text

- Ne jamais lubrifier ou traiter les contacts.
- Les commutateurs ne peuvent être montés, branchés et mis en service que par une personne qualifiée selon les règles techniques en vigueur.
- Use copper wire only. Do not coat the wire end with tin.

|    |    |
|----|----|
| 13 | 21 |
| 14 | 22 |