



Sample image

## Datasheet

**Article number:** 70008385

**Designation:** KG10.T206/40.KS51V

**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                                   |                         |                           |
| 20                                                                                                                                                            | 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-15                                                                                                                                                         |                          |                          | 220 - 240                                                      |                         | 6                         |
| AC-15                                                                                                                                                         |                          |                          | 380 - 440                                                      |                         | 4                         |
| Puissance assignée d'emploi                                                                                                                                   |                          |                          |                                                                |                         |                           |
| Catégorie d'emploi                                                                                                                                            | Tension (V)              | Nb de phases             | Nb de pôles                                                    | Puissance (kW)          |                           |
| AC-3                                                                                                                                                          | 220 - 240                | 3                        | 3                                                              | 2,20                    |                           |
| AC-3                                                                                                                                                          | 380 - 440                | 3                        | 3                                                              | 3,70                    |                           |
| AC-3                                                                                                                                                          | 660 - 690                | 3                        | 3                                                              | 3,70                    |                           |
| AC-3                                                                                                                                                          | 220 - 240                | 1                        | 2                                                              | 1,10                    |                           |
| AC-3                                                                                                                                                          | 380 - 440                | 1                        | 2                                                              | 1,50                    |                           |
| AC-23A                                                                                                                                                        | 220 - 240                | 3                        | 3                                                              | 3                       |                           |
| AC-23A                                                                                                                                                        | 380 - 440                | 3                        | 3                                                              | 5,50                    |                           |
| AC-23A                                                                                                                                                        | 660 - 690                | 3                        | 3                                                              | 5,50                    |                           |
| AC-23A                                                                                                                                                        | 220 - 240                | 1                        | 2                                                              | 1,50                    |                           |
| AC-23A                                                                                                                                                        | 380 - 440                | 1                        | 2                                                              | 2,20                    |                           |
| Protection par fusible (IEC)                                                                                                                                  |                          |                          |                                                                |                         |                           |
| Caractéri                                                                                                                                                     |                          |                          | Nombre de fusible                                              |                         | Intensité (A)             |
| gG                                                                                                                                                            |                          |                          | 1                                                              |                         | 20                        |
| UL60947-4-1 , UL508                                                                                                                                           |                          |                          |                                                                |                         |                           |
| Nominal Voltage                                                                                                                                               |                          |                          |                                                                |                         |                           |
| Tension (V) AC / DC                                                                                                                                           |                          |                          |                                                                |                         |                           |
| 300 AC                                                                                                                                                        |                          |                          |                                                                |                         |                           |
| Tension assignée d'isolement Ui                                                                                                                               |                          |                          |                                                                |                         |                           |
| Tension (V) AC / DC                                                                                                                                           |                          |                          |                                                                |                         |                           |
| 300 AC                                                                                                                                                        |                          |                          |                                                                |                         |                           |
| Rated thermal current                                                                                                                                         |                          |                          |                                                                |                         |                           |
| Intensité (A)                                                                                                                                                 |                          | Température Ambiante (*) |                                                                | Additional Text         |                           |
| 20                                                                                                                                                            |                          | 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                                                              | 0,50                    | 40                        |
| DOL                                                                                                                                                           | 220 - 240                | 1                        | 2                                                              | 1                       | 40                        |
| DOL                                                                                                                                                           | 277 - 277                | 1                        | 2                                                              | 1                       | 40                        |
| DOL                                                                                                                                                           | 110 - 120                | 3                        | 3                                                              | 1                       | 40                        |
| DOL                                                                                                                                                           | 220 - 240                | 3                        | 3                                                              | 2                       | 40                        |
| Pilot duty rating code                                                                                                                                        |                          |                          |                                                                |                         |                           |
| Duty Code                                                                                                                                                     |                          |                          |                                                                |                         |                           |
| A300                                                                                                                                                          |                          |                          |                                                                |                         |                           |
| SCCR / Max. fuse rating                                                                                                                                       |                          |                          |                                                                |                         |                           |
| Conditions of acceptability                                                                                                                                   |                          |                          |                                                                |                         |                           |
| These devices are suitable for use on circuits capable of delivering not more than 5kA rms symmetrical amperes, 300V ac max. when protected by Class J fuses. |                          |                          |                                                                |                         |                           |
| Temp. rating of wire                                                                                                                                          |                          |                          |                                                                |                         |                           |
| Temperature rating (°C)                                                                                                                                       |                          | Intensité (A)            |                                                                | Text                    |                           |
| 60 - 75                                                                                                                                                       |                          |                          |                                                                | -- Use copper wire only |                           |
| Connecting instructions                                                                                                                                       |                          |                          |                                                                |                         |                           |
| Markings                                                                                                                                                      |                          |                          |                                                                |                         |                           |
| Break all lines.                                                                                                                                              |                          |                          |                                                                |                         |                           |
| For use on a flat surface of a type 1 enclosure.                                                                                                              |                          |                          |                                                                |                         |                           |
| General Use                                                                                                                                                   |                          |                          |                                                                |                         |                           |
| AC / DC                                                                                                                                                       | Tension (V)              | Intensité (A)            | Nb de phases                                                   | Nb de pôles             | No. of contacts in series |
| AC                                                                                                                                                            | 277                      | 20                       | 1                                                              | 1                       | 1                         |
| AC                                                                                                                                                            | 300                      | 20                       | 1                                                              | 2                       | 1                         |

| General Use                                                                                                                                                                                                                                                                                            |             |               |                          |                     |                           |             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|--------------------------|---------------------|---------------------------|-------------|
| AC / DC                                                                                                                                                                                                                                                                                                | Tension (V) | Intensité (A) | Nb de phases             | Nb de pôles         | No. of contacts in series |             |
| AC                                                                                                                                                                                                                                                                                                     | 300         | 20            | 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 |                           |             |
|                                                                                                                                                                                                                                                                                                        |             |               |                          | 300 AC              |                           |             |
| Tension assignée d'isolement Ui                                                                                                                                                                                                                                                                        |             |               |                          | Tension (V) AC / DC |                           |             |
|                                                                                                                                                                                                                                                                                                        |             |               |                          | 300 AC              |                           |             |
| Rated thermal current                                                                                                                                                                                                                                                                                  |             |               |                          |                     |                           |             |
|                                                                                                                                                                                                                                                                                                        |             | Intensité (A) | Température Ambiante (°) |                     | Additional Text           |             |
|                                                                                                                                                                                                                                                                                                        |             | 20            | 0 - 40                   |                     | --                        |             |
| Horsepower rating                                                                                                                                                                                                                                                                                      |             |               |                          |                     |                           |             |
| Across-the-Line Motor Starting                                                                                                                                                                                                                                                                         |             |               |                          | Tension (V)         | Nb de phases              | Nb de pôles |
| DOL                                                                                                                                                                                                                                                                                                    |             |               |                          | 110 - 120           | 1                         | 2           |
| DOL                                                                                                                                                                                                                                                                                                    |             |               |                          | 220 - 240           | 1                         | 2           |
| DOL                                                                                                                                                                                                                                                                                                    |             |               |                          | 277 - 277           | 1                         | 2           |
| DOL                                                                                                                                                                                                                                                                                                    |             |               |                          | 110 - 120           | 3                         | 3           |
| DOL                                                                                                                                                                                                                                                                                                    |             |               |                          | 220 - 240           | 3                         | 3           |
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|                                                                                                                                                                                                                                                                                                        |             |               |                          |                     |                           |             |

## General Information

### Text

- 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.
- 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.
- Après mise en place des les commutateurs l'espace entre bornes doit être suffisant pour répondre aux exigences des normes en vigueur.

## Waste Electrical & Electronic Equipment (WEEE)

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

## Proposition 65

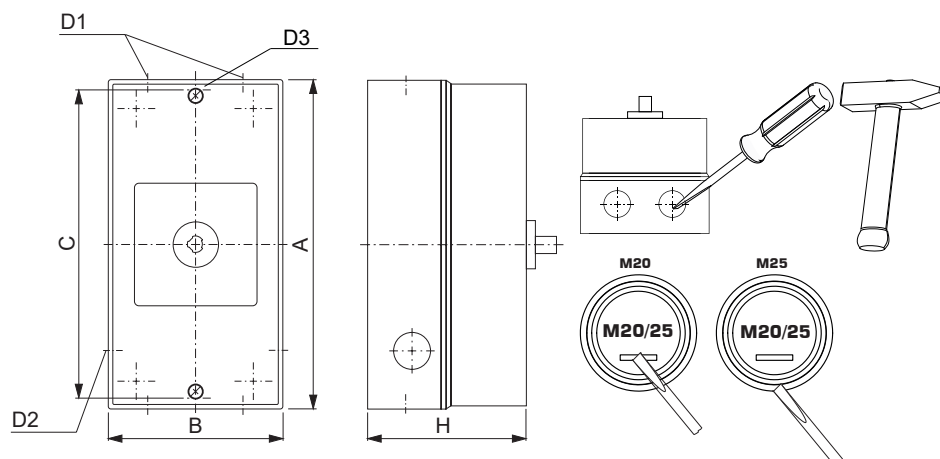
| Picture name                                                                     | Description                                                                                                                                                                                                            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

Type de contacts: Rigid contact bridge

Revêtement des Contacts: Silver

Types de raccordement: Screw terminal

## Mounting-KS51V



|                      |   |                   |
|----------------------|---|-------------------|
| IP - Code front side |   | IP66, IP67, IP69k |
| Stages               |   | 2,00 - 4,00       |
| A                    | H | 121,00 mm         |
| B                    | H | 86,00 mm          |
| C                    | H | 110,00 mm         |
| D1                   | Ø | 4,00 x M20/M25    |
| D2                   | Ø | 2,00 x M20        |
| D3                   | Ø | 4,20 mm           |
| H                    | H | 90,00 mm          |

## Switch program

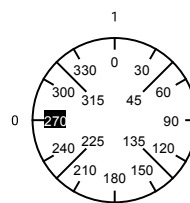
KG10.T30611.KS51V



Kraus & Naimer

|             |                 |           |                    |
|-------------|-----------------|-----------|--------------------|
| <b>KG10</b> | <b>T30611VE</b> | <b>VE</b> | <b>Page 1 of 1</b> |
|-------------|-----------------|-----------|--------------------|

**Face Plate**



| 2L1 | 1L1 | 2L2 | 1L2 | 2L3 | 1L3 | 21 | 13 | 17 | 19 | 21 | 23 |
|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|
| 1   | 3   | 5   | 7   | 9   | 11  | 13 | 15 | 17 | 19 | 21 | 23 |









| Switching Angle       | 90  | 2   | 4   | 6   | 8   | 10  | 12  | 14 | 16 | 18 | 20 | 22 | 24 |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|
| Total switching Angle | 90  | 2T1 | 1T1 | 2T2 | 1T2 | 2T3 | 1T3 | 22 | 14 |    |    |    |    |
| 0                     | 270 |     |     |     |     |     |     |    |    |    |    |    |    |
| 285                   |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 300                   |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 315                   |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 330                   |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 345                   |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 1                     | 0   |     |     |     |     |     |     |    |    |    |    |    |    |
| 15                    |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 30                    |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 45                    |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 60                    |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 75                    |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 90                    |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 105                   |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 120                   |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 135                   |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 150                   |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 165                   |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 180                   |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 195                   |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 210                   |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 225                   |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 240                   |     |     |     |     |     |     |     |    |    |    |    |    |    |
| 255                   |     |     |     |     |     |     |     |    |    |    |    |    |    |

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## Face plate

S1.F656/E10.V9

