



Sample image

Datasheet

Article number: 70019117

Designation: KG250.T104/05.E

Description: Switch Global Disconnecter

| IEC 60947-3 EN 60947-3, VDE 0660 Teil 107 | | | | | | |
|--|---------------------------------|-----------------------------|---------------------------------|--|----------------------------------|---------------------------------|
| Tension assignée d'isolement Ui | | | | | | |
| | | | <i>Tension (V) AC / DC</i> | | | |
| | | | 1000 AC | | | |
| Courant ininterrompu et thermique conventionnel Iu/Ith | | | | | | |
| <i>Intensité (A)</i> | <i>Température Ambiante (°)</i> | <i>Température Maxi (°)</i> | | <i>Spécification complémentaire</i> | | |
| 250 | 50 | 55 | | Température ambiante +50°C durant 24 heures avec point à +55°C | | |
| Puissance assignée d'emploi | | | | | | |
| <i>Catégorie d'emploi</i> | <i>Tension (V)</i> | <i>Nb de phases</i> | | <i>Nb de pôles</i> | <i>Puissance (kW)</i> | |
| AC-3 | 220 - 240 | 3 | | 3 | 37 | |
| AC-3 | 380 - 440 | 3 | | 3 | 55 | |
| AC-3 | 660 - 690 | 3 | | 3 | 40 | |
| AC-23A | 220 - 240 | 3 | | 3 | 37 | |
| AC-23A | 380 - 440 | 3 | | 3 | 90 | |
| AC-23A | 660 - 690 | 3 | | 3 | 45 | |
| Protection par fusible (IEC) | | | | | | |
| <i>Caractéri</i> | | | <i>Nombre de fusible</i> | | <i>Intensité (A)</i> | |
| gG | | | 1 | | 250 | |
| UL60947-4-1 , UL508 | | | | | | |
| Nominal Voltage | | | | | | |
| | | | <i>Tension (V) AC / DC</i> | | | |
| | | | 600 AC | | | |
| Tension assignée d'isolement Ui | | | | | | |
| | | | <i>Tension (V) AC / DC</i> | | | |
| | | | 600 AC | | | |
| Rated thermal current | | | | | | |
| | | <i>Intensité (A)</i> | <i>Température Ambiante (°)</i> | | <i>Additional Text</i> | |
| | | 250 | 0 - 40 | | -- | |
| Horsepower rating | | | | | | |
| <i>Across-the-Line Motor Starting</i> | | <i>Tension (V)</i> | <i>Nb de phases</i> | <i>Nb de pôles</i> | <i>Power (HP)</i> | <i>Ambient temperature [°C]</i> |
| DOL | | 110 - 120 | 1 | 2 | 15 | 40 |
| DOL | | 220 - 240 | 1 | 2 | 30 | 40 |
| DOL | | 277 - 277 | 1 | 2 | 30 | 40 |
| DOL | | 440 - 480 | 1 | 2 | 45 | 40 |
| DOL | | 550 - 600 | 1 | 2 | 50 | 40 |
| DOL | | 110 - 120 | 3 | 3 | 30 | 40 |
| DOL | | 220 - 240 | 3 | 3 | 60 | 40 |
| DOL | | 440 - 480 | 3 | 3 | 75 | 40 |
| DOL | | 550 - 600 | 3 | 3 | 75 | 40 |
| SCCR / Max. fuse rating | | | | | | |
| <i>Conditions of acceptability</i> | | | | | | |
| This device is suitable for use on circuits capable of delivering not more than 10kA rms symmetrical amperes, 600V ac max. when protected by Type RK1 fuses. | | | | | | |
| Suitable for use on a circuit capable of delivering not more than 65000 rms symmetrical amperes at 600V max., when protected by 400A Class J fuses. | | | | | | |
| Temp. rating of wire | | | | | | |
| | | | <i>Temperature rating (°C)</i> | <i>Intensité (A) Text</i> | | |
| | | | 75 | -- -- | | |
| General Use | | | | | | |
| <i>AC / DC</i> | <i>Tension (V)</i> | <i>Intensité (A)</i> | <i>Nb de phases</i> | <i>Nb de pôles</i> | <i>No. of contacts in series</i> | |
| AC | 277 | 250 | 1 | 1 | 1 | |
| AC | 600 | 250 | 1 | 2 | 1 | |
| AC | 600 | 250 | 3 | 3 | 1 | |
| General Information | | | | | | |
| <i>Text</i> | | | | | | |
| - 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. | | | | | | |
| CSA | | | | | | |
| Nominal Voltage | | | | | | |
| | | | <i>Tension (V) AC / DC</i> | | | |
| | | | 600 AC | | | |
| Tension assignée d'isolement Ui | | | | | | |
| | | | <i>Tension (V) AC / DC</i> | | | |
| | | | 600 AC | | | |


| Rated thermal current | | | | | | |
|--------------------------------|--|-------------|--|-------------|------------|--------------------------|
| Intensité (A) | | | Température Ambiante (°) Additional Text | | | |
| 250 | | | 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 | 15 | 40 |
| DOL | | 220 - 240 | 1 | 2 | 30 | 40 |
| DOL | | 277 - 277 | 1 | 2 | 30 | 40 |
| DOL | | 440 - 480 | 1 | 2 | 45 | 40 |
| DOL | | 550 - 600 | 1 | 2 | 50 | 40 |
| DOL | | 110 - 120 | 3 | 3 | 30 | 40 |
| DOL | | 220 - 240 | 3 | 3 | 60 | 40 |
| DOL | | 440 - 480 | 3 | 3 | 75 | 40 |
| DOL | | 550 - 600 | 3 | 3 | 75 | 40 |

| 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 | 250 | 1 | 1 | 1 |
| AC | 600 | 250 | 1 | 2 | 1 |
| AC | 600 | 250 | 3 | 3 | 1 |






GENERAL TECHNICAL INFORMATION

| Size of conductor | | | | | |
|---|-------------------|-------------------------------|---|----------------------|--|
| composition of conductor | Min. / Max. value | No. of conductor per terminal | Cross section (mm ²) or (AWG/kcmil) | Material of the wire | |
| solid wire | Min. | 1 | 16mm ² | Copper | |
| flexible wire | Max. | 1 | MCM 300 | Copper | |
| flexible wire | Max. | 1 | 150mm ² | Copper | |
| flexible wire | Min. | 1 | 25mm ² | Copper | |
| Single-core or stranded wire | Max. | 1 | 185mm ² | Copper | |
| Single-core or stranded wire | Max. | 1 | MCM 350 | Copper | |
| flexible wire with sleeve | Max. | 1 | 120mm ² | Copper | |
| flexible wire with ferrule according to DIN 46228 | Min. | 1 | 16mm ² | Copper | |


| Stripping length | |
|--|--|
| Length (mm) -- | |
|  | |


| Recommandations concernant le tournevis | |
|---|-------|
| Type | Value |
| Clé Allen | 6 |

| Tightening torque of screws | | |
|-----------------------------|--|---------------------------|
| tightening torque (Nm) | | tightening torque (lb-in) |
| 16 | | 140 |

| Approbations | |
|------------------|---|
| Specification | Marking |
| EAC |  |
| CE marking |  |
| UK Directives |  |
| CSA C.22.2 No.14 |  |
| GB/T14048.3 |  |

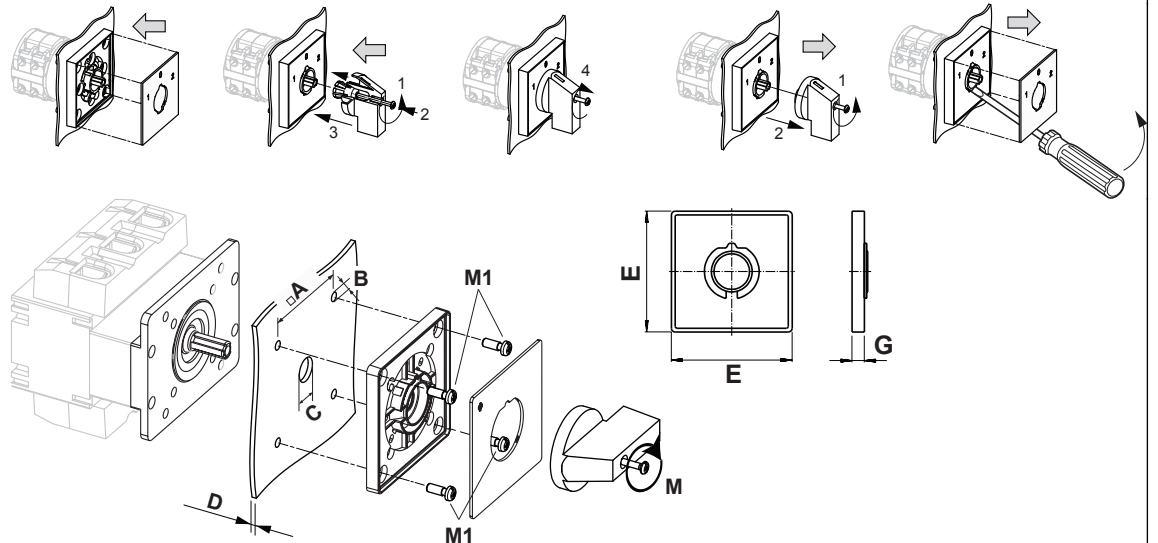
| General Information | |
|--|--|
| Text | |
| - Ne jamais lubrifier ou traiter les contacts. | |
| - Les commutateurs ne peuvent être montés, branchés et mis en service que par une personne qualifiée selon les règles techniques en vigueur. | |
| - Use copper wire only. Do not coat the wire end with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

| 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 . |

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|--|
| Type de contacts: Rigid contact bridge |
| Revêtement des Contacts: Silver |
| Types de raccordement: Screw terminal |

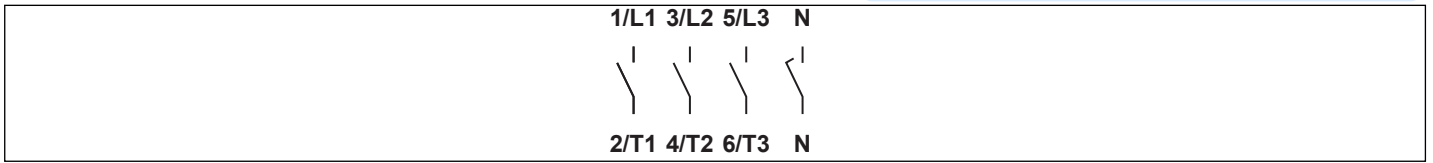
Fixation-E



| | | |
|----------------------|---|------------------|
| IP - Code front side | | IP66, IP67 |
| Stages | | 1,00 - 5,00 |
| A | □ | 68,00 mm |
| B | ∅ | 6,00 mm |
| C | ∅ | 13,00 - 17,00 mm |
| D | H | <= 5,50 mm |
| E | H | 88,00 mm |
| G | H | 8,50 mm |
| M | ⌀ | 1,20 Nm |
| M1 | ⌀ | 1,50 Nm |


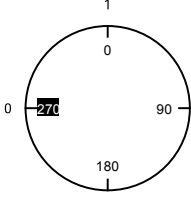
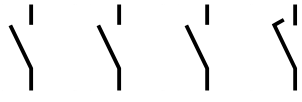
Wiring diagram

KG250.T304.E



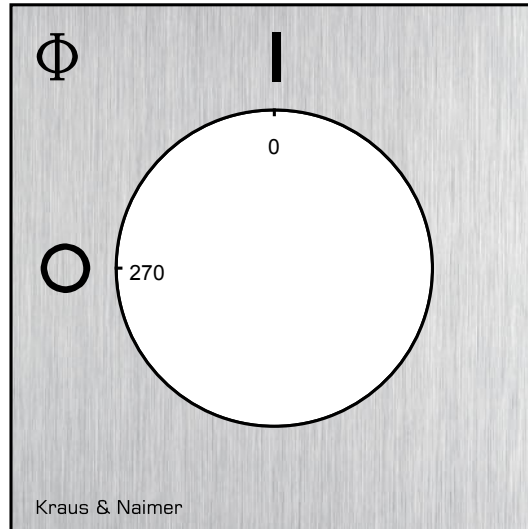
Switch program

KG250.T304.E

|  Kraus & Naimer | | KG250 | | T304 | | Seite 1 von 1 | | | | | |
|--|-------------------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|---------------|----|----|----|--|--|
| | | Frontschild | | | | | | | | | |
|  | | 1/L1 | 3/L2 | 5/L3 | N | | | | | | |
| | | 1 | 3 | 5 | 7 | 9 | 11 | 13 | 15 | | |
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| Gesamtschaltwinkel <input type="text" value="90"/> | | 2/T1 | 4/T2 | 6/T3 | N | | | | | | |
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Face plate

S1.F456/A10.M1H



PADLOCK DEVICE

Designation: S2.V845/A11/A12

Face plate and handle unit: "A" face plate/alu, frame/black, handle/black, locking push rod/red

Locking position: "1" at 270°+90° - knockouts every 45°

Angular displacement: "1" 1 x 90°

Type of mounting: "A" for type of mounting E

Type of version: "1" for same switch size

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

