



Sample image

## LATERAL AUXILIARY CONTACTS for KG20 - KG317 and KH(R)16 - KH(R)25B

**Designation:** K0.H010/A11-E

**Kind of contact operation:** "A" not overlapping

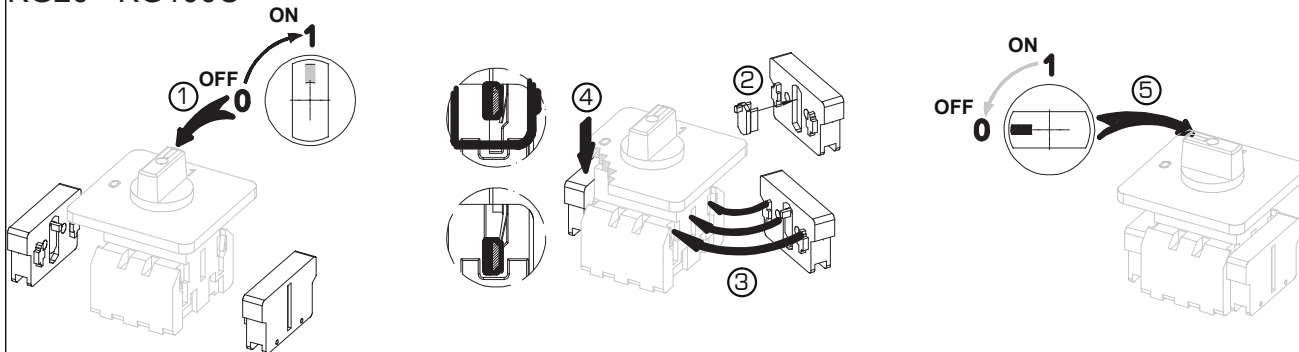
**Contact combination:** "11" 1 NO + 1 NC

**Type of mounting:** "-E" for type of mounting E

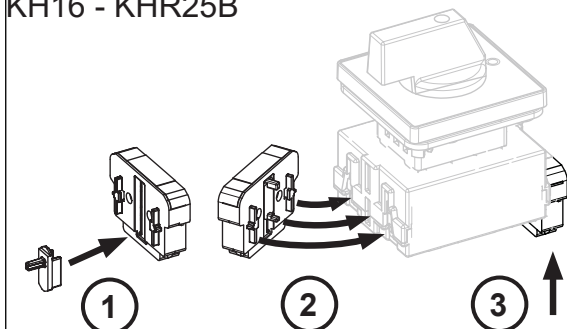
|                                                            |                          |                         |                                                                                                               |                                                                                                    |                           |               |
|------------------------------------------------------------|--------------------------|-------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------|---------------|
| IEC 60947-3 EN 60947-3, VDE 0660 Teil 107                  |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| Rated insulation voltage Ui                                |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| Voltage (V) AC / DC                                        |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| 500 AC                                                     |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| Rated uninterrupted current Iu/Ith                         |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| Current (A)                                                | Ambient temperature (°C) | Peak temperature (°C)   | additional requirements                                                                                       |                                                                                                    |                           |               |
| 10                                                         | 55                       | 60                      | Ambient temperature +55°C during 24 hours with peaks up to +60°C                                              |                                                                                                    |                           |               |
| Conventional enclosed thermal current Ithe                 |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| Current (A)                                                | Ambient temperature (°C) | Peak temperature (°C)   | Additional requirements                                                                                       | No. of stages (from - to)                                                                          | Mounting                  | Mounting size |
| 10                                                         | 35                       | 40                      | Ambient temperature +35°C during 24 hours with peaks up to +40°C                                              | --                                                                                                 | --                        | --            |
| Rated operational current Ie                               |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| Utilization category                                       |                          |                         |                                                                                                               | Voltage (V)                                                                                        |                           | Current (A)   |
| AC-15                                                      |                          |                         |                                                                                                               | 110 - 240                                                                                          |                           | 2,50          |
| AC-15                                                      |                          |                         |                                                                                                               | 380 - 440                                                                                          |                           | 1,50          |
| AC-15                                                      |                          |                         |                                                                                                               | 500                                                                                                |                           | 1             |
| AC-21A                                                     |                          |                         |                                                                                                               | 500                                                                                                |                           | 10            |
| Max Fuse Rating IEC                                        |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| Fuse characteristic                                        |                          |                         |                                                                                                               | No. of Fuses                                                                                       |                           | Current (A)   |
| gG                                                         |                          |                         |                                                                                                               | 1                                                                                                  |                           | 10            |
| UL60947-4-1 , UL508                                        |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| Nominal Voltage                                            |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| Voltage (V) AC / DC                                        |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| 600 AC                                                     |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| Rated insulation voltage Ui                                |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| Voltage (V) AC / DC                                        |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| 600 AC                                                     |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| Rated thermal current                                      |                          |                         |                                                                                                               |                                                                                                    |                           |               |
|                                                            |                          | Current (A)             | Ambient temperature (°C) Additional Text                                                                      |                                                                                                    |                           |               |
|                                                            |                          | 10                      | 0 - 40 --                                                                                                     |                                                                                                    |                           |               |
| Pilot duty rating code                                     |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| Duty Code                                                  |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| A600                                                       |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| General Use                                                |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| AC / DC                                                    | Voltage (V)              | Current (A)             | No. of phases                                                                                                 | No. of poles                                                                                       | No. of contacts in series |               |
| AC                                                         | 600                      | 10                      | 1                                                                                                             | 1                                                                                                  | 1                         |               |
| General Information                                        |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| Text                                                       |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| - Use copper wire only. Do not coat the wire end with tin. |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| CSA                                                        |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| Temp. rating of wire                                       |                          |                         |                                                                                                               |                                                                                                    |                           |               |
|                                                            |                          | Temperature rating (°C) | Current (A) Text                                                                                              |                                                                                                    |                           |               |
|                                                            |                          | 75                      | -- only                                                                                                       |                                                                                                    |                           |               |
| GENERAL TECHNICAL INFORMATION                              |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| Tightening torque of screws                                |                          |                         |                                                                                                               |                                                                                                    |                           |               |
|                                                            |                          |                         | tightening torque (Nm)                                                                                        | tightening torque (lb-in)                                                                          |                           |               |
|                                                            |                          |                         | 0,40                                                                                                          | 3,50                                                                                               |                           |               |
| Stripping length                                           |                          |                         |                                                                                                               |                                                                                                    |                           |               |
|                                                            |                          |                         | Length (mm) --                                                                                                |                                                                                                    |                           |               |
|                                                            |                          |                         | 6                                                                                                             | STRIPPINGLENGTH                                                                                    |                           |               |
| Minimal ratings (voltage/current)                          |                          |                         |                                                                                                               |                                                                                                    |                           |               |
| Voltage (V)                                                |                          | Current (mA)            | Environment conditions                                                                                        | Environment conditions 2                                                                           | Environment conditions 3  |               |
| 20                                                         |                          | 5                       | Ambient air must be free of particular contamination with sulfur and/or sulfurous components such as H2S etc. | In case extraordinary contamination with dust is expected an adequate dust protection is required. | --                        |               |

| 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.              | 2                                                               | AWG 16                             | Copper                                                                              |
| flexible wire                                     | Max.              | 2                                                               | 1.5mm²                             | Copper                                                                              |
| Single-core or stranded wire                      | Max.              | 2                                                               | AWG 14                             | Copper                                                                              |
| Single-core or stranded wire                      | Max.              | 2                                                               | 1.5mm²                             | Copper                                                                              |
| flexible wire with ferrule according to DIN 46228 | Max.              | 2                                                               | 1.5mm²                             | Copper                                                                              |
| Approbations                                      |                   |                                                                 |                                    |                                                                                     |
| Specification                                     |                   |                                                                 |                                    | Marking                                                                             |
| IEC 60947-3; EN 60947-3; VDE 0660 Teil107         |                   |                                                                 |                                    | IEC 60947-3<br>EN 60947-3                                                           |
| UL 60947-4-1; CSA C22.2 No. 60947-4-1             |                   |                                                                 |                                    |  |
| CSA C.22.2 No.14                                  |                   |                                                                 |                                    |  |
| Power loss per pole                               |                   |                                                                 |                                    | Power (W)<br>0,40                                                                   |
|                                                   |                   |                                                                 |                                    |                                                                                     |
| Recommended screw driver                          |                   |                                                                 |                                    |                                                                                     |
| Type of screw driver                              | Value             |                                                                 |                                    |                                                                                     |
| Cross Screwdriver                                 | PH1               |                                                                 |                                    |                                                                                     |
| Flat blade                                        | 0,6x3,5           |                                                                 |                                    |                                                                                     |
| Degree of protection                              |                   |                                                                 |                                    |                                                                                     |
| IP - Code switch terminal                         |                   |                                                                 |                                    |                                                                                     |
| IP20                                              |                   |                                                                 |                                    |                                                                                     |
| Conditions during transport and storing           |                   |                                                                 |                                    |                                                                                     |
| Minimum temperature (°C)                          |                   | Maximum temperature (°C) additional requirements                |                                    |                                                                                     |
| 40                                                |                   | 85 In case of temperatures below -5°C no shock load permissible |                                    |                                                                                     |
| Operating temperature                             |                   |                                                                 |                                    |                                                                                     |
| Min. Temperature [°C]                             |                   |                                                                 | Max. Temperature [°C]              |                                                                                     |
| -25                                               |                   |                                                                 | 60                                 |                                                                                     |

## KG20 - KG100C



## KH16 - KHR25B



33 41  
34 42