

Sample image

## Datasheet

**Article number:** 70012318

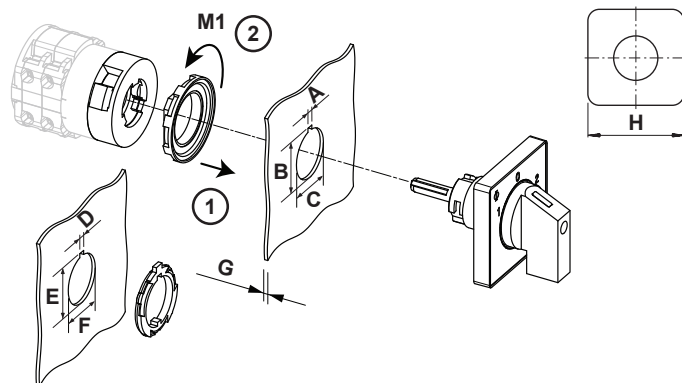
**Designation:** CG4.A291.FS2-V

**Description:** Switch

|                                           |                          |                          |                                                                  |                        |                           |                          |
|-------------------------------------------|--------------------------|--------------------------|------------------------------------------------------------------|------------------------|---------------------------|--------------------------|
| IEC 60947-3 EN 60947-3, VDE 0660 Teil 107 |                          |                          |                                                                  |                        |                           |                          |
| Rated insulation voltage Ui               |                          |                          |                                                                  |                        |                           |                          |
| Voltage (V) AC / DC                       |                          |                          |                                                                  |                        |                           |                          |
| 440 AC / DC                               |                          |                          |                                                                  |                        |                           |                          |
| 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 |                        |                           |                          |
| Rated operational current Ie              |                          |                          |                                                                  |                        |                           |                          |
| Utilization category                      |                          |                          | Voltage (V)                                                      |                        | Current (A)               |                          |
| AC-15                                     |                          |                          | 220 - 240                                                        |                        | 2,50                      |                          |
| AC-15                                     |                          |                          | 380 - 440                                                        |                        | 1,50                      |                          |
| Rated operational power                   |                          |                          |                                                                  |                        |                           |                          |
| Utilization category                      |                          | Voltage (V)              | No. of phases                                                    | No. of poles           | Power (kW)                |                          |
| AC-3                                      |                          | 220 - 240                | 3                                                                | 3                      | 1,50                      |                          |
| AC-3                                      |                          | 380 - 440                | 3                                                                | 3                      | 2,20                      |                          |
| AC-3                                      |                          | 220 - 240                | 1                                                                | 2                      | 0,55                      |                          |
| AC-3                                      |                          | 380 - 440                | 1                                                                | 2                      | 0,75                      |                          |
| AC-23A                                    |                          | 220 - 240                | 3                                                                | 3                      | 1,80                      |                          |
| AC-23A                                    |                          | 380 - 440                | 3                                                                | 3                      | 3                         |                          |
| AC-23A                                    |                          | 220 - 240                | 1                                                                | 2                      | 0,75                      |                          |
| AC-23A                                    |                          | 380 - 440                | 1                                                                | 2                      | 1,10                      |                          |
| Max Fuse Rating IEC                       |                          |                          |                                                                  |                        |                           |                          |
| Fuse characteristic                       |                          |                          | No. of Fuses                                                     |                        | Current (A)               |                          |
| gG                                        |                          |                          | 1                                                                |                        | 10                        |                          |
| UL60947-4-1 , UL508                       |                          |                          |                                                                  |                        |                           |                          |
| Nominal Voltage                           |                          |                          |                                                                  |                        |                           |                          |
| Voltage (V) AC / DC                       |                          |                          |                                                                  |                        |                           |                          |
| 300 AC                                    |                          |                          |                                                                  |                        |                           |                          |
| Rated insulation voltage Ui               |                          |                          |                                                                  |                        |                           |                          |
| Voltage (V) AC / DC                       |                          |                          |                                                                  |                        |                           |                          |
| 300 AC                                    |                          |                          |                                                                  |                        |                           |                          |
| Rated thermal current                     |                          |                          |                                                                  |                        |                           |                          |
| Current (A)                               |                          | Ambient temperature (°C) |                                                                  | Additional Text        |                           |                          |
| 10                                        |                          | 0 - 40                   |                                                                  | –                      |                           |                          |
| Horsepower rating                         |                          |                          |                                                                  |                        |                           |                          |
| Across-the-Line Motor Starting            |                          | Voltage (V)              | No. of phases                                                    | No. of poles           | Power (HP)                | Ambient temperature [°C] |
| DOL                                       |                          | 110 - 120                | 1                                                                | 2                      | 0,33                      | 40                       |
| DOL                                       |                          | 220 - 240                | 1                                                                | 2                      | 0,75                      | 40                       |
| DOL                                       |                          | 277 - 277                | 1                                                                | 2                      | 0,75                      | 40                       |
| DOL                                       |                          | 110 - 120                | 3                                                                | 3                      | 0,75                      | 40                       |
| DOL                                       |                          | 220 - 240                | 3                                                                | 3                      | 1                         | 40                       |
| Pilot duty rating code                    |                          |                          |                                                                  |                        |                           |                          |
| Duty Code                                 |                          |                          |                                                                  |                        |                           |                          |
| A300                                      |                          |                          |                                                                  |                        |                           |                          |
| Temp. rating of wire                      |                          |                          |                                                                  |                        |                           |                          |
| Temperature rating (°C)                   |                          | Current (A)              |                                                                  | Text                   |                           |                          |
| 60 - 75                                   |                          |                          |                                                                  | – Use copper wire only |                           |                          |
| General Use                               |                          |                          |                                                                  |                        |                           |                          |
| AC / DC                                   | Voltage (V)              | Current (A)              | No. of phases                                                    | No. of poles           | No. of contacts in series |                          |
| AC                                        | 120                      | 10                       | 1                                                                | 1                      | 1                         |                          |
| AC                                        | 300                      | 10                       | 1                                                                | 2                      | 1                         |                          |
| AC                                        | 300                      | 10                       | 3                                                                | 3                      | 1                         |                          |
| CSA                                       |                          |                          |                                                                  |                        |                           |                          |
| Nominal Voltage                           |                          |                          |                                                                  |                        |                           |                          |
| Voltage (V) AC / DC                       |                          |                          |                                                                  |                        |                           |                          |
| 300 AC                                    |                          |                          |                                                                  |                        |                           |                          |
| Rated insulation voltage Ui               |                          |                          |                                                                  |                        |                           |                          |
| Voltage (V) AC / DC                       |                          |                          |                                                                  |                        |                           |                          |
| 300 AC                                    |                          |                          |                                                                  |                        |                           |                          |

| Rated thermal current                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |                                                                                       |                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------|--------------|---------------------------------------------------------------------------------------|--------------------------|
| Current (A)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                    |                               | Ambient temperature (°C)           |              | Additional Text                                                                       |                          |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                    |                               | 0 - 40                             |              | --                                                                                    |                          |
| Horsepower rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |                                                                                       |                          |
| Across-the-Line Motor Starting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                    | Voltage (V)                   | No. of phases                      | No. of poles | Power (HP)                                                                            | Ambient temperature [°C] |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                    | 110 - 120                     | 1                                  | 2            | 0,33                                                                                  | 40                       |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                    | 220 - 240                     | 1                                  | 2            | 0,75                                                                                  | 40                       |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                    | 277 - 277                     | 1                                  | 2            | 0,75                                                                                  | 40                       |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                    | 110 - 120                     | 3                                  | 3            | 0,75                                                                                  | 40                       |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                    | 220 - 240                     | 3                                  | 3            | 1                                                                                     | 40                       |
| Pilot duty rating code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |                                                                                       |                          |
| Duty Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |                                                                                       |                          |
| A300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |                                                                                       |                          |
| Temp. rating of wire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |                                                                                       |                          |
| Temperature rating (°C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                    |                               | Current (A)                        |              | Text                                                                                  |                          |
| 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                    |                               | --                                 |              | --                                                                                    |                          |
| General Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |                                                                                       |                          |
| AC / DC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Voltage (V)                                                                                                                                                                                                                                                                                                                                                                        | Current (A)                   | No. of phases                      | No. of poles | No. of contacts in series                                                             |                          |
| AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 120                                                                                                                                                                                                                                                                                                                                                                                | 10                            | 1                                  | 1            | 1                                                                                     |                          |
| AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 300                                                                                                                                                                                                                                                                                                                                                                                | 10                            | 1                                  | 2            | 1                                                                                     |                          |
| AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 300                                                                                                                                                                                                                                                                                                                                                                                | 10                            | 3                                  | 3            | 1                                                                                     |                          |
| GENERAL TECHNICAL INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |                                                                                       |                          |
| Tightening torque of screws                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |                                                                                       |                          |
| tightening torque (Nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                    |                               | tightening torque (lb-in)          |              |                                                                                       |                          |
| 0,40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                    |                               | 3,50                               |              |                                                                                       |                          |
| Stripping length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |                                                                                       |                          |
| Length (mm) --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |                                                                                       |                          |
| 6 STRIPPINGLENGTH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |                                                                                       |                          |
| 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                             | 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                             | 1mm²                               |              | 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                                                                                |                          |
| Approbations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |                                                                                       |                          |
| Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              | Marking                                                                               |                          |
| EAC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |  |                          |
| CE marking                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |  |                          |
| UK Directives                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |  |                          |
| CSA C.22.2 No.14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |  |                          |
| GB/T14048.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |  |                          |
| Recommended screw driver                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |                                                                                       |                          |
| Type of screw driver                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Value                                                                                                                                                                                                                                                                                                                                                                              |                               |                                    |              |                                                                                       |                          |
| Cross Screwdriver                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PH1                                                                                                                                                                                                                                                                                                                                                                                |                               |                                    |              |                                                                                       |                          |
| Slot screwdriver according to DIN 5264                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0,6x3,5                                                                                                                                                                                                                                                                                                                                                                            |                               |                                    |              |                                                                                       |                          |
| General Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |                                                                                       |                          |
| Text                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |                                                                                       |                          |
| <div>- Do not lubricate or treat contacts.</div> <div>- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.</div> <div>- Use copper wire only. Do not coat the wire end with tin.</div> <div>- Terminals with factory fitted jumper links are tightened during production. Take care during installation to ensure factory fitted links are not lost by undoing both sides of linked terminals. After wiring, all terminal screws must be tightened to recommended torque specifications.</div> <div>- After installation of the switches the spacings between the terminals must be sufficient to fulfill the requirement of the applicable standards.</div> |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |                                                                                       |                          |
| 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> .                                                                                                                                            |                               |                                    |              |                                                                                       |                          |
| Classification Contact: Rigid contact bridge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |                                                                                       |                          |
| Classification Contact Mat: Silver                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                    |              |                                                                                       |                          |

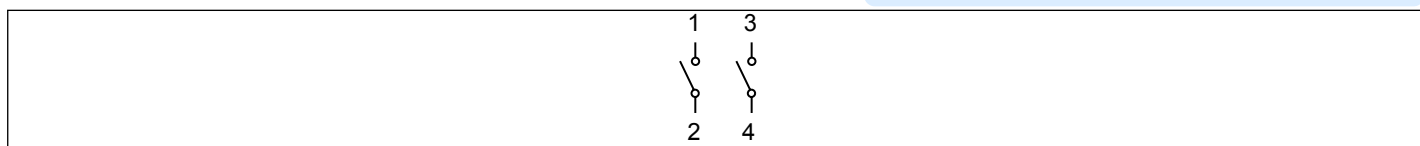
## Mounting-FS2-V



|                      |   |                   |
|----------------------|---|-------------------|
| IP - Code front side |   | IP66, IP67, IP69k |
| Stages               |   | 1,00 - 8,00       |
| A                    | H | 1,70 mm           |
| A+_tol.              | H | 0,20 mm           |
| A-_tol.              | H | 0,00 mm           |
| B                    | H | 17,90 mm          |
| B+_tol.              | H | 0,20 mm           |
| B-_tol.              | H | 0,00 mm           |
| C                    | Ø | 16,20 mm          |
| C+_tol.              | Ø | 0,20 mm           |
| C-_tol.              | Ø | 0,00 mm           |
| D                    | H | 3,20 mm           |
| D+_tol.              | H | 0,20 mm           |
| D-_tol.              | H | 0,00 mm           |
| E                    | H | 24,10 mm          |
| E+_tol.              | H | 0,40 mm           |
| E-_tol.              | H | 0,00 mm           |
| F                    | Ø | 22,30 mm          |
| F+_tol.              | Ø | 0,40 mm           |
| F-_tol.              | Ø | 0,00 mm           |
| G                    | H | <= 5,00 mm        |
| H                    | H | 30,00 mm          |
| M1                   | M | 0,70 Nm           |

## Wiring diagram

CG4.A291.FS2-V



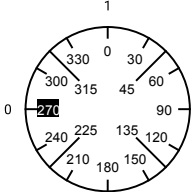
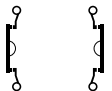
## Switch program

CG4.A291.FS2-V



Kraus & Naimer

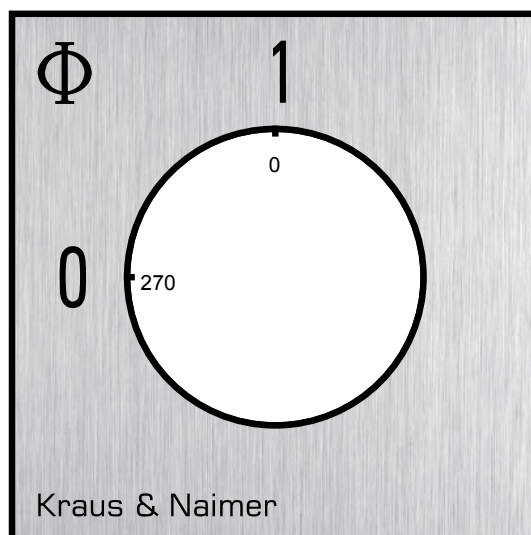
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| Face Plate                                                                                                                                                             |  |                                                                                   |  |   |  |   |  |   |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------|--|---|--|---|--|---|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|
|                                                                                       |  | 1                                                                                 |  | 3 |  | 5 |  | 7 |  | 9  |  | 11 |  | 13 |  | 15 |  | 17 |  | 19 |  | 21 |  | 23 |  |
|                                                                                                                                                                        |  |  |  |   |  |   |  |   |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |
| 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 |  | 18 |  | 20 |  | 22 |  | 24 |  |
| 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                                                                               |  |   |  |   |  |   |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |

Version: 96

## Face plate

S00.F056/A10.E1



## HANDLES

**Designation:** S00.G251

**Handle colour:** "1" black

