

Sample image

## Datasheet

**Article number:** 70007458

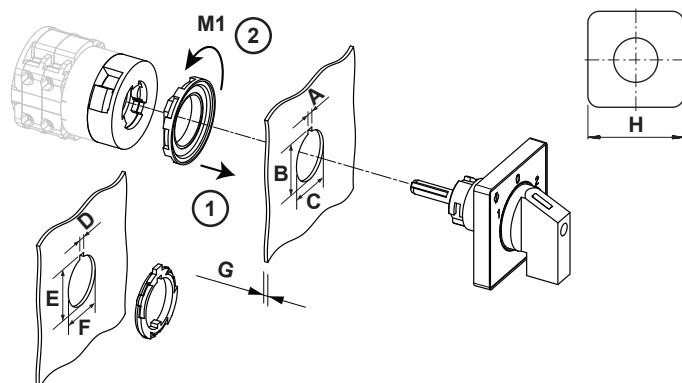
**Designation:** CA4.A233.FS2

**Description:** Switch

|                                                        |                          |                                          |                                                                |                                       |
|--------------------------------------------------------|--------------------------|------------------------------------------|----------------------------------------------------------------|---------------------------------------|
| IEC 60947-3 EN 60947-3, VDE 0660 Teil 107              |                          |                                          |                                                                |                                       |
| Tension assignée d'isolement Ui                        |                          |                                          |                                                                |                                       |
| Tension (V) AC / DC                                    |                          |                                          |                                                                |                                       |
| 440 AC / DC                                            |                          |                                          |                                                                |                                       |
| Courant Ininterrompu et thermique conventionnel Iu/Ith |                          |                                          |                                                                |                                       |
| Intensité (A)                                          | Température Ambiante (°) | Température Maxi (°)                     | Spécification complémentaire                                   |                                       |
| 10                                                     | 55                       | 60                                       | Température ambiante +55°C durant 24 heures avec point à +60°C |                                       |
| Courant assigné d'emploi Ie                            |                          |                                          |                                                                |                                       |
| Catégorie d'emploi                                     |                          | Tension (V)                              |                                                                | Intensité (A)                         |
| AC-15                                                  |                          | 220 - 240                                |                                                                | 2,50                                  |
| AC-15                                                  |                          | 380 - 440                                |                                                                | 1,50                                  |
| Puissance assignée d'emploi                            |                          |                                          |                                                                |                                       |
| Catégorie d'emploi                                     | Tension (V)              | Nb de phases                             | Nb de pôles                                                    | Puissance (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                                  |
| Protection par fusible (IEC)                           |                          |                                          |                                                                |                                       |
| Caractéri                                              |                          | Nombre de fusible                        |                                                                | Intensité (A)                         |
| gG                                                     |                          | 1                                        |                                                                | 10                                    |
| UL60947-4-1 , UL508                                    |                          |                                          |                                                                |                                       |
| Nominal Voltage                                        |                          |                                          |                                                                |                                       |
| Tension (V) AC / DC                                    |                          |                                          |                                                                |                                       |
| 300 AC                                                 |                          |                                          |                                                                |                                       |
| Tension assignée d'isolement Ui                        |                          |                                          |                                                                |                                       |
| Tension (V) AC / DC                                    |                          |                                          |                                                                |                                       |
| 300 AC                                                 |                          |                                          |                                                                |                                       |
| Rated thermal current                                  |                          |                                          |                                                                |                                       |
| Intensité (A)                                          |                          | Température Ambiante (°) Additional Text |                                                                |                                       |
| 10                                                     |                          | 0 - 40 --                                |                                                                |                                       |
| Horsepower rating                                      |                          |                                          |                                                                |                                       |
| Across-the-Line Motor Starting                         | Tension (V)              | Nb de phases                             | Nb de pôles                                                    | Power (HP) Ambient temperature [°C]   |
| DOL                                                    | 110 - 120                | 1                                        | 2                                                              | 0,33 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)                                |                          | Intensité (A) Text                       |                                                                |                                       |
| 60 - 75                                                |                          | -- Use copper wire only                  |                                                                |                                       |
| General Use                                            |                          |                                          |                                                                |                                       |
| AC / DC                                                | Tension (V)              | Intensité (A)                            | Nb de phases                                                   | Nb de pôles No. of contacts in series |
| AC                                                     | 120                      | 10                                       | 1                                                              | 1 1                                   |
| AC                                                     | 277                      | 10                                       | 1                                                              | 2 1                                   |
| AC                                                     | 277                      | 10                                       | 3                                                              | 3 1                                   |
| CSA                                                    |                          |                                          |                                                                |                                       |
| Nominal Voltage                                        |                          |                                          |                                                                |                                       |
| Tension (V) AC / DC                                    |                          |                                          |                                                                |                                       |
| 300 AC                                                 |                          |                                          |                                                                |                                       |
| Tension assignée d'isolement Ui                        |                          |                                          |                                                                |                                       |
| Tension (V) AC / DC                                    |                          |                                          |                                                                |                                       |
| 300 AC                                                 |                          |                                          |                                                                |                                       |

| Rated thermal current                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                    |               |                               |             |                                    |                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------------|-------------|------------------------------------|---------------------------------------------------------------------------------------|
| Intensité (A)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                    |               | Température Ambiante (°)      |             | Additional Text                    |                                                                                       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                    |               | 0 - 40                        |             | --                                 |                                                                                       |
| Horsepower rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                    |               |                               |             |                                    |                                                                                       |
| Across-the-Line Motor Starting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                    | Tension (V)   | Nb de phases                  | Nb de pôles | Power (HP)                         | Ambient temperature [°C]                                                              |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                    | 110 - 120     | 1                             | 2           | 0,33                               | 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                    |               | Intensité (A)                 |             | Text                               |                                                                                       |
| 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                    |               |                               |             | -- only                            |                                                                                       |
| General Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                    |               |                               |             |                                    |                                                                                       |
| AC / DC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tension (V)                                                                                                                                                                                                                                                                                                                                                                        | Intensité (A) | Nb de phases                  | Nb de pôles | No. of contacts in series          |                                                                                       |
| AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 120                                                                                                                                                                                                                                                                                                                                                                                | 10            | 1                             | 1           | 1                                  |                                                                                       |
| AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 277                                                                                                                                                                                                                                                                                                                                                                                | 10            | 1                             | 2           | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                    |               |                               |             |                                    |  |
| Recommandations concernant le tournevis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                    |               |                               |             |                                    |                                                                                       |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                    |               |                               | Value       |                                    |                                                                                       |
| Tournevis cruciforme                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                    |               |                               | PH1         |                                    |                                                                                       |
| Slot screwdriver according to DIN 5264                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                    |               |                               | 0,6x3,5     |                                    |                                                                                       |
| General Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                    |               |                               |             |                                    |                                                                                       |
| Text                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                    |               |                               |             |                                    |                                                                                       |
| <div>- Ne jamais lubrifier ou traiter les contacts.</div> <div>- Les commutateurs ne peuvent être montés, branchés et mis en service que par une personne qualifiée selon les règles techniques en vigueur.</div> <div>- Use copper wire only. Do not coat the wire end with tin.</div> <div>- Les bornes qui ne sont pas supposées être utilisées pour le raccordement de l'appareil sont livrées serrées et ne doivent pas être desserrées. Si toutefois ces bornes sont malgré tout ouvertes accidentellement, vérifier qu'aucun shunt n'est manquant. Le câblage terminé, s'assurer que toutes les bornes sont serrées.</div> <div>- Après mise en place des les commutateurs l'espace entre bor nes doit être suffisant pour répondre aux exigences des normes en vigueur.</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> .                                                                                                                                            |               |                               |             |                                    |                                                                                       |
| Type de contacts: Rigid contact bridge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                    |               |                               |             |                                    |                                                                                       |
| Revêtement des Contacts: Silver                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                    |               |                               |             |                                    |                                                                                       |
| Types de raccordement: Screw terminal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                    |               |                               |             |                                    |                                                                                       |

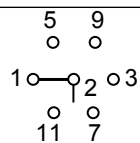
# Fixation-FS2



| IP - Code front side |   | IP66, IP67, IP69k |
|----------------------|---|-------------------|
| Stages               |   | 1,00 - 9,00       |
| 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                   | ⌘ | 0,70 Nm           |

## Wiring diagram

CA4.A233.FS2



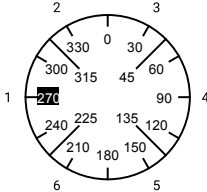
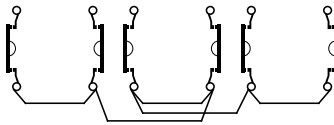
## Switch program

CA4.A233.FS2



Kraus & Naimer

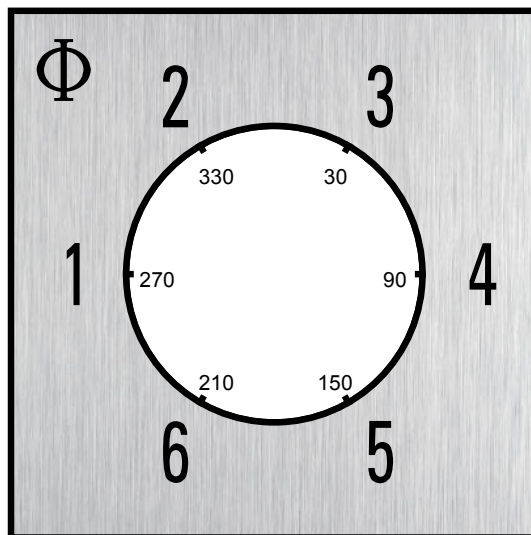
CA4
A233
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| Face Plate                                                                                                                                                              |     |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--|-----------------------------------------------------------------------------------|---|---|---|----|----|----|----|----|----|----|----|
|                                                                                        |     |  |  |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         |     |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
| Switching Angle <span style="border: 1px solid black; padding: 2px;">60</span><br>Total switching Angle <span style="border: 1px solid black; padding: 2px;">300</span> |     |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         |     |  | 1                                                                                 | 3 | 5 | 7 | 9  | 11 | 13 | 15 | 17 | 19 | 21 | 23 |
|                                                                                                                                                                         |     |  | 2                                                                                 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
| 1                                                                                                                                                                       | 270 |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         | 285 |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         | 300 |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         | 315 |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         | 330 |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         | 345 |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
| 2                                                                                                                                                                       | 0   |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         | 15  |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         | 30  |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
| 3                                                                                                                                                                       | 45  |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         | 60  |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         | 75  |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
| 4                                                                                                                                                                       | 90  |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         | 105 |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         | 120 |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
| 5                                                                                                                                                                       | 135 |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         | 150 |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         | 165 |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         | 180 |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
| 6                                                                                                                                                                       | 195 |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         | 210 |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         | 225 |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         | 240 |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |
|                                                                                                                                                                         | 255 |  |                                                                                   |   |   |   |    |    |    |    |    |    |    |    |

Version: 78

## Face plate

S00.F079/A10.E1



## HANDLES

**Designation:** S00.G251

**Handle colour:** "1" black

