



Sample image

## Datasheet

**Article number:** 70004670

**Designation:** CA11.A212.PF1

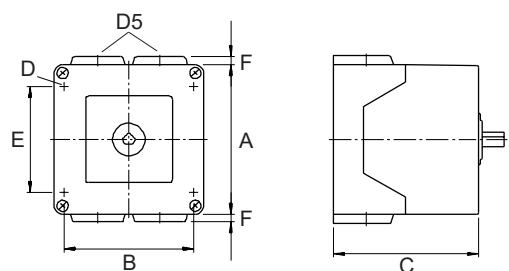
**Description:** Switch

| IEC 60947-3 EN 60947-3, VDE 0660 Teil 107              |                          |                                          |                                                                |                |            |                          |
|--------------------------------------------------------|--------------------------|------------------------------------------|----------------------------------------------------------------|----------------|------------|--------------------------|
| Tension assignée d'isolement Ui                        |                          |                                          |                                                                |                |            |                          |
| Tension (V) AC / DC                                    |                          |                                          |                                                                |                |            |                          |
| 690 AC / DC                                            |                          |                                          |                                                                |                |            |                          |
| Courant Ininterrompu et thermique conventionnel Iu/Ith |                          |                                          |                                                                |                |            |                          |
| Intensité (A)                                          | Température Ambiante (°) | Température Maxi (°)                     | Spécification complémentaire                                   |                |            |                          |
| 20                                                     | 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                                |                                                                | 6              |            |                          |
| AC-15                                                  |                          | 380 - 440                                |                                                                | 4              |            |                          |
| Puissance assignée d'emploi                            |                          |                                          |                                                                |                |            |                          |
| Catégorie d'emploi                                     | Tension (V)              | Nb de phases                             | Nb de pôles                                                    | Puissance (kW) |            |                          |
| AC-3                                                   | 220 - 240                | 3                                        | 3                                                              | 3              |            |                          |
| AC-3                                                   | 380 - 440                | 3                                        | 3                                                              | 5,50           |            |                          |
| AC-3                                                   | 660 - 690                | 3                                        | 3                                                              | 5,50           |            |                          |
| AC-3                                                   | 220 - 240                | 1                                        | 2                                                              | 2,20           |            |                          |
| AC-3                                                   | 380 - 440                | 1                                        | 2                                                              | 3              |            |                          |
| AC-23A                                                 | 220 - 240                | 3                                        | 3                                                              | 3,70           |            |                          |
| AC-23A                                                 | 380 - 440                | 3                                        | 3                                                              | 7,50           |            |                          |
| AC-23A                                                 | 660 - 690                | 3                                        | 3                                                              | 7,50           |            |                          |
| AC-23A                                                 | 220 - 240                | 1                                        | 2                                                              | 2,50           |            |                          |
| AC-23A                                                 | 380 - 440                | 1                                        | 2                                                              | 3,70           |            |                          |
| Protection par fusible (IEC)                           |                          |                                          |                                                                |                |            |                          |
| Caractéri                                              |                          | Nombre de fusible                        |                                                                | Intensité (A)  |            |                          |
| gG                                                     |                          | 1                                        |                                                                | 25             |            |                          |
| UL60947-4-1 , UL508                                    |                          |                                          |                                                                |                |            |                          |
| Nominal Voltage                                        |                          |                                          |                                                                |                |            |                          |
| Tension (V) AC / DC                                    |                          |                                          |                                                                |                |            |                          |
| 600 AC                                                 |                          |                                          |                                                                |                |            |                          |
| Tension assignée d'isolement Ui                        |                          |                                          |                                                                |                |            |                          |
| Tension (V) AC / DC                                    |                          |                                          |                                                                |                |            |                          |
| 600 AC                                                 |                          |                                          |                                                                |                |            |                          |
| Rated thermal current                                  |                          |                                          |                                                                |                |            |                          |
| Intensité (A)                                          |                          | Température Ambiante (°) Additional Text |                                                                |                |            |                          |
| 20                                                     |                          | 0 - 40 --                                |                                                                |                |            |                          |
| Horsepower rating                                      |                          |                                          |                                                                |                |            |                          |
| Across-the-Line Motor Starting                         |                          | Tension (V)                              | Nb de phases                                                   | Nb de pôles    | Power (HP) | Ambient temperature [°C] |
| Reversing                                              |                          | 110 - 120                                | 1                                                              | 2              | 0,17       | 40                       |
| Reversing                                              |                          | 220 - 240                                | 1                                                              | 2              | 0,50       | 40                       |
| Reversing                                              |                          | 277 - 277                                | 1                                                              | 2              | 0,60       | 40                       |
| Reversing                                              |                          | 415 - 415                                | 1                                                              | 2              | 1          | 40                       |
| Reversing                                              |                          | 440 - 480                                | 1                                                              | 2              | 1,50       | 40                       |
| Reversing                                              |                          | 550 - 600                                | 1                                                              | 2              | 1,50       | 40                       |
| Reversing                                              |                          | 110 - 120                                | 3                                                              | 3              | 0,50       | 40                       |
| Reversing                                              |                          | 220 - 240                                | 3                                                              | 3              | 1          | 40                       |
| Reversing                                              |                          | 415 - 415                                | 3                                                              | 3              | 2          | 40                       |
| Reversing                                              |                          | 440 - 480                                | 3                                                              | 3              | 3          | 40                       |
| Reversing                                              |                          | 550 - 600                                | 3                                                              | 3              | 3          | 40                       |
| DOL                                                    |                          | 110 - 120                                | 1                                                              | 2              | 0,50       | 40                       |
| DOL                                                    |                          | 220 - 240                                | 1                                                              | 2              | 1          | 40                       |
| DOL                                                    |                          | 277 - 277                                | 1                                                              | 2              | 2          | 40                       |
| DOL                                                    |                          | 440 - 480                                | 1                                                              | 2              | 2          | 40                       |
| DOL                                                    |                          | 550 - 600                                | 1                                                              | 2              | 2          | 40                       |
| DOL                                                    |                          | 110 - 120                                | 3                                                              | 3              | 1,50       | 40                       |
| DOL                                                    |                          | 220 - 240                                | 3                                                              | 3              | 3          | 40                       |
| DOL                                                    |                          | 415 - 415                                | 3                                                              | 3              | 5          | 40                       |
| DOL                                                    |                          | 440 - 480                                | 3                                                              | 3              | 5          | 40                       |
| DOL                                                    |                          | 550 - 600                                | 3                                                              | 3              | 5          | 40                       |

|                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                                      |                                  |                                           |                                                                                       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------|----------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------|--|
| <b>Pilot duty rating code</b>                                                                                                                                                                                                                                                                                                                                                                            |                          |                                      |                                  |                                           |                                                                                       |  |
| <i>Duty Code</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                      |                                  |                                           |                                                                                       |  |
| A600                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                                      |                                  |                                           |                                                                                       |  |
| <b>SCCR / Max. fuse rating</b>                                                                                                                                                                                                                                                                                                                                                                           |                          |                                      |                                  |                                           |                                                                                       |  |
| <i>Conditions of acceptability</i>                                                                                                                                                                                                                                                                                                                                                                       |                          |                                      |                                  |                                           |                                                                                       |  |
| These devices are suitable for use on circuits capable of delivering not more than 5000 rms symmetrical amperes, 600V ac max. when protected by Class RK1 fuses. Manual Motor Controllers when intended for use as a motor disconnecter are suitable for use on a circuit capable of delivering not more than 5000 rms symmetrical amperes, 600V ac max. when protected by 30A Class J time delay fuses. |                          |                                      |                                  |                                           |                                                                                       |  |
| <b>Temp. rating of wire</b>                                                                                                                                                                                                                                                                                                                                                                              |                          |                                      |                                  |                                           |                                                                                       |  |
| <i>Temperature rating (°C)</i>                                                                                                                                                                                                                                                                                                                                                                           |                          |                                      | <i>Intensité (A) Text</i>        |                                           |                                                                                       |  |
| 60 - 75                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                                      | – Use copper wire only           |                                           |                                                                                       |  |
| <b>Connecting instructions</b>                                                                                                                                                                                                                                                                                                                                                                           |                          |                                      |                                  |                                           |                                                                                       |  |
| <i>Markings</i>                                                                                                                                                                                                                                                                                                                                                                                          |                          |                                      |                                  |                                           |                                                                                       |  |
| When intended for use as a motor disconnecter the device shall be provided with a method of being locked in the OFF-position.                                                                                                                                                                                                                                                                            |                          |                                      |                                  |                                           |                                                                                       |  |
| <b>General Use</b>                                                                                                                                                                                                                                                                                                                                                                                       |                          |                                      |                                  |                                           |                                                                                       |  |
| <i>AC / DC</i>                                                                                                                                                                                                                                                                                                                                                                                           | <i>Tension (V)</i>       | <i>Intensité (A)</i>                 | <i>Nb de phases</i>              | <i>Nb de pôles</i>                        | <i>No. of contacts in series</i>                                                      |  |
| AC                                                                                                                                                                                                                                                                                                                                                                                                       | 600                      | 20                                   | 1                                | 2                                         | 1                                                                                     |  |
| AC                                                                                                                                                                                                                                                                                                                                                                                                       | 600                      | 20                                   | 3                                | 3                                         | 1                                                                                     |  |
| <b>CSA</b>                                                                                                                                                                                                                                                                                                                                                                                               |                          |                                      |                                  |                                           |                                                                                       |  |
| <b>Nominal Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                   |                          |                                      |                                  |                                           |                                                                                       |  |
| <i>Tension (V) AC / DC</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                      |                                  |                                           |                                                                                       |  |
| 600 AC                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                                      |                                  |                                           |                                                                                       |  |
| <b>Tension assignée d'isolement Ui</b>                                                                                                                                                                                                                                                                                                                                                                   |                          |                                      |                                  |                                           |                                                                                       |  |
| <i>Tension (V) AC / DC</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                      |                                  |                                           |                                                                                       |  |
| 600 AC                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                                      |                                  |                                           |                                                                                       |  |
| <b>Rated thermal current</b>                                                                                                                                                                                                                                                                                                                                                                             |                          |                                      |                                  |                                           |                                                                                       |  |
| <i>Intensité (A)</i>                                                                                                                                                                                                                                                                                                                                                                                     |                          |                                      | <i>Température Ambiante (°)</i>  |                                           | <i>Additional Text</i>                                                                |  |
| 20                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                                      | 0 - 40                           |                                           | –                                                                                     |  |
| <b>Horsepower rating</b>                                                                                                                                                                                                                                                                                                                                                                                 |                          |                                      |                                  |                                           |                                                                                       |  |
| <i>Across-the-Line Motor Starting</i>                                                                                                                                                                                                                                                                                                                                                                    | <i>Tension (V)</i>       | <i>Nb de phases</i>                  | <i>Nb de pôles</i>               | <i>Power (HP)</i>                         | <i>Ambient temperature [°C]</i>                                                       |  |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                      | 110 - 120                | 1                                    | 2                                | 0,50                                      | 40                                                                                    |  |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                      | 220 - 240                | 1                                    | 2                                | 1                                         | 40                                                                                    |  |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                      | 277 - 277                | 1                                    | 2                                | 2                                         | 40                                                                                    |  |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                      | 415 - 415                | 1                                    | 2                                | 2                                         | 40                                                                                    |  |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                      | 440 - 480                | 1                                    | 2                                | 2                                         | 40                                                                                    |  |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                      | 550 - 600                | 1                                    | 2                                | 2                                         | 40                                                                                    |  |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                      | 110 - 120                | 3                                    | 3                                | 1,50                                      | 40                                                                                    |  |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                      | 220 - 240                | 3                                    | 3                                | 3                                         | 40                                                                                    |  |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                      | 415 - 415                | 3                                    | 3                                | 5                                         | 40                                                                                    |  |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                      | 440 - 480                | 3                                    | 3                                | 5                                         | 40                                                                                    |  |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                      | 550 - 600                | 3                                    | 3                                | 5                                         | 40                                                                                    |  |
| <b>Pilot duty rating code</b>                                                                                                                                                                                                                                                                                                                                                                            |                          |                                      |                                  |                                           |                                                                                       |  |
| <i>Duty Code</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                      |                                  |                                           |                                                                                       |  |
| A600                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                                      |                                  |                                           |                                                                                       |  |
| <b>Temp. rating of wire</b>                                                                                                                                                                                                                                                                                                                                                                              |                          |                                      |                                  |                                           |                                                                                       |  |
| <i>Temperature rating (°C)</i>                                                                                                                                                                                                                                                                                                                                                                           |                          |                                      | <i>Intensité (A) Text</i>        |                                           |                                                                                       |  |
| 75                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                                      | – only                           |                                           |                                                                                       |  |
| <b>General Use</b>                                                                                                                                                                                                                                                                                                                                                                                       |                          |                                      |                                  |                                           |                                                                                       |  |
| <i>AC / DC</i>                                                                                                                                                                                                                                                                                                                                                                                           | <i>Tension (V)</i>       | <i>Intensité (A)</i>                 | <i>Nb de phases</i>              | <i>Nb de pôles</i>                        | <i>No. of contacts in series</i>                                                      |  |
| AC                                                                                                                                                                                                                                                                                                                                                                                                       | 600                      | 20                                   | 1                                | 1                                         | 1                                                                                     |  |
| <b>GENERAL TECHNICAL INFORMATION</b>                                                                                                                                                                                                                                                                                                                                                                     |                          |                                      |                                  |                                           |                                                                                       |  |
| <b>Tightening torque of screws</b>                                                                                                                                                                                                                                                                                                                                                                       |                          |                                      |                                  |                                           |                                                                                       |  |
| <i>tightening torque (Nm)</i>                                                                                                                                                                                                                                                                                                                                                                            |                          |                                      | <i>tightening torque (lb-in)</i> |                                           |                                                                                       |  |
| 0,60                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                                      | 5                                |                                           |                                                                                       |  |
| <b>Stripping length</b>                                                                                                                                                                                                                                                                                                                                                                                  |                          |                                      |                                  |                                           |                                                                                       |  |
| <i>Length (mm) –</i>                                                                                                                                                                                                                                                                                                                                                                                     |                          |                                      |                                  |                                           |                                                                                       |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                                      | STRIPPINGLENGTH                  |                                           |                                                                                       |  |
| <b>Size of conductor</b>                                                                                                                                                                                                                                                                                                                                                                                 |                          |                                      |                                  |                                           |                                                                                       |  |
| <i>composition of conductor</i>                                                                                                                                                                                                                                                                                                                                                                          | <i>Min. / Max. value</i> | <i>No. of conductor per terminal</i> |                                  | <i>Cross section (mm²) or (AWG/kcmil)</i> | <i>Material of the wire</i>                                                           |  |
| 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                                    |                                  | 2,5mm²                                    | Copper                                                                                |  |
| flexible wire                                                                                                                                                                                                                                                                                                                                                                                            | Max.                     | 2                                    |                                  | AWG 14                                    | Copper                                                                                |  |
| Single-core or stranded wire                                                                                                                                                                                                                                                                                                                                                                             | Max.                     | 2                                    |                                  | AWG 12                                    | Copper                                                                                |  |
| Single-core or stranded wire                                                                                                                                                                                                                                                                                                                                                                             | Max.                     | 2                                    |                                  | 2,5mm²                                    | Copper                                                                                |  |
| flexible wire with ferrule according to DIN 46228                                                                                                                                                                                                                                                                                                                                                        | Min.                     | 1                                    |                                  | 0,5mm²                                    | Copper                                                                                |  |
| flexible wire with ferrule according to DIN 46228                                                                                                                                                                                                                                                                                                                                                        | Max.                     | 2                                    |                                  | 2,5mm²                                    | Copper                                                                                |  |
| flexible wire with ferrule according to DIN 46228                                                                                                                                                                                                                                                                                                                                                        | Min.                     | 2                                    |                                  | 0,5mm²                                    | Copper                                                                                |  |
| <b>Approbations</b>                                                                                                                                                                                                                                                                                                                                                                                      |                          |                                      |                                  |                                           |                                                                                       |  |
| <i>Specification</i>                                                                                                                                                                                                                                                                                                                                                                                     |                          |                                      |                                  |                                           | <i>Marking</i>                                                                        |  |
| EAC                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                                      |                                  |                                           |  |  |
| CE marking                                                                                                                                                                                                                                                                                                                                                                                               |                          |                                      |                                  |                                           |  |  |

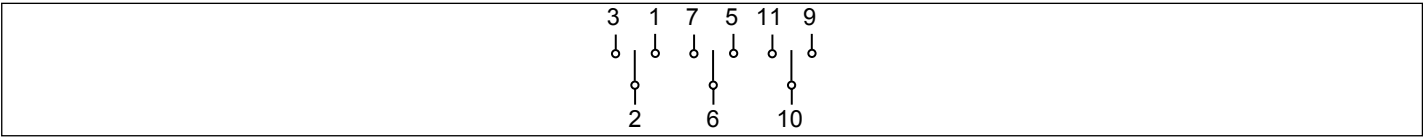
| Approbations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Marking                                                                                                                                                                                                                                                                                                                                                                            |
| UK Directives                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | UK<br>CA                                                                                                                                                                                                                                                                                                                                                                           |
| CSA C.22.2 No.14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | CSA®                                                                                                                                                                                                                                                                                                                                                                               |
| Recommandations concernant le tournevis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                    |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Value                                                                                                                                                                                                                                                                                                                                                                              |
| Tournevis cruciforme                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PH1                                                                                                                                                                                                                                                                                                                                                                                |
| Slot screwdriver according to DIN 5264                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,8x4                                                                                                                                                                                                                                                                                                                                                                              |
| General Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                    |
| Text                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                    |
| <ul style="list-style-type: none"> <li>- Ne jamais lubrifier ou traiter les contacts.</li> <li>- Les commutateurs ne peuvent être montés, branchés et mis en service que par une personne qualifiée selon les règles techniques en vigueur.</li> <li>- Use copper wire only. Do not coat the wire end with tin.</li> <li>- 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.</li> <li>- Après mise en place des les commutateurs l'espace entre bornes doit être suffisant pour répondre aux exigences des normes en vigueur.</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                    |
| Waste Electrical & Electronic Equipment (WEEE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                    |
| Picture name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Description                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Do not throw in the trash as care must be taken to ensure environmentally sound disposal and recycling. Please either use an environmentally friendly waste disposal company; return to the supplier for disposal; or return direct to the manufacturer, Kraus & Naimer. You can find local Kraus & Naimer offices at <a href="http://www.krausnaimer.com">www.krausnaimer.com</a> |
| Proposition 65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                    |
| Picture name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Description                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .                                                                                                                                            |

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

| Mounting-PF1                                                                        |              |
|-------------------------------------------------------------------------------------|--------------|
|  |              |
| IP - Code front side                                                                | IP65         |
| Stages                                                                              | 3,00 - 4,00  |
| A                                                                                   | □ 82,00 mm   |
| B                                                                                   | H 68,00 mm   |
| C                                                                                   | H 90,10 mm   |
| D                                                                                   | Ø 4,40 mm    |
| D5                                                                                  | Ø 4,00 x M20 |
| E                                                                                   | H 52,00 mm   |
| F                                                                                   | H 5,00 mm    |

Wiring diagram

CA11.A212.PF1



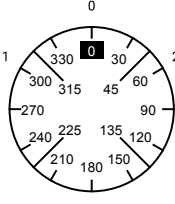
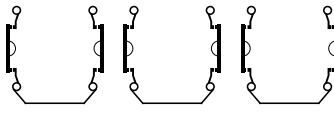
## Switch program

CA11.A212.PF1



Kraus & Naimer

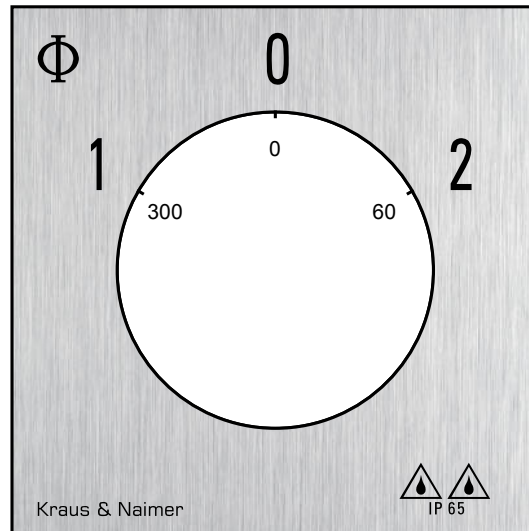
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| Face Plate                                                                                                                                                              |     |                                                                      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

Version: 100

## Face plate

S1.F071/A10.PFL



## HANDLES

**Designation:** S1B.G257

**Handle colour:** "7" electro grey

