



Symbolbild

## Datenblatt

**Artikelnummer:** 70001082

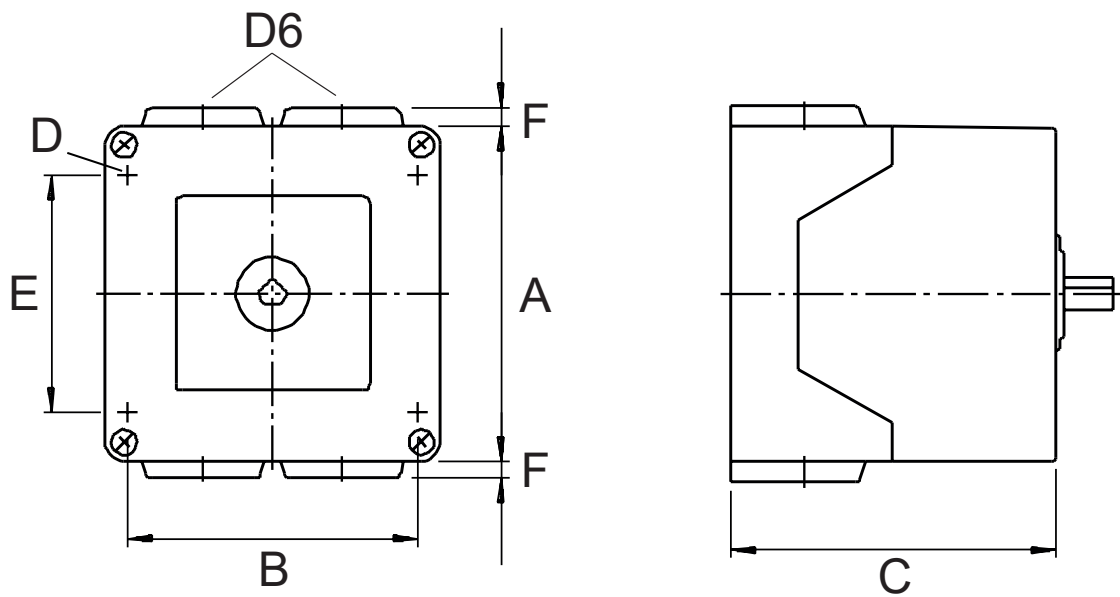
**Bezeichnung:** C32.A213.PNL4

**Beschreibung:** Schalter

| IEC 60947-3 EN 60947-3, VDE 0660 Teil 107 |                              |                                          |                                                                 |               |
|-------------------------------------------|------------------------------|------------------------------------------|-----------------------------------------------------------------|---------------|
| Bemessungsisolationsspannung Ui           |                              |                                          |                                                                 |               |
| Spannung (V) AC / DC                      |                              |                                          |                                                                 |               |
| 690 50/60Hz                               |                              |                                          |                                                                 |               |
| Bemessungsdauerstrom Iu/Ith               |                              |                                          |                                                                 |               |
| Strom (A)                                 | Umgebungstemperatur (°C)     | Temperaturspitzen (°C)                   | zusätzliche Bedingungen                                         |               |
| 50                                        | 55                           | 60                                       | Umgebungstemperatur +55°C über 24 Stunden mit Spitzen bis +60°C |               |
| Bemessungsbetriebsstrom Ie                |                              |                                          |                                                                 |               |
| Gebrauchskategorie                        |                              | Spannung (V)                             |                                                                 | Strom (A)     |
| AC-15                                     |                              | 220 - 240                                |                                                                 | 16            |
| AC-15                                     |                              | 380 - 440                                |                                                                 | 7             |
| Bemessungsbetriebsleistung                |                              |                                          |                                                                 |               |
| Gebrauchskategorie                        | Spannung (V)                 | Phasenanzahl                             | Polanzahl                                                       | Leistung (kW) |
| AC-3                                      | 220 - 240                    | 3                                        | 3                                                               | 7,50          |
| AC-3                                      | 380 - 440                    | 3                                        | 3                                                               | 15            |
| AC-3                                      | 660 - 690                    | 3                                        | 3                                                               | 15            |
| AC-3                                      | 220 - 240                    | 1                                        | 2                                                               | 5,50          |
| AC-3                                      | 380 - 440                    | 1                                        | 2                                                               | 7,50          |
| AC-23A                                    | 220 - 240                    | 3                                        | 3                                                               | 11            |
| AC-23A                                    | 380 - 440                    | 3                                        | 3                                                               | 22            |
| AC-23A                                    | 660 - 690                    | 3                                        | 3                                                               | 22            |
| AC-23A                                    | 220 - 240                    | 1                                        | 2                                                               | 5,50          |
| AC-23A                                    | 380 - 440                    | 1                                        | 2                                                               | 11            |
| Max. Sicherungsnennstrom IEC              |                              |                                          |                                                                 |               |
| Sicherungscharakteristik                  |                              | Sicherungsanzahl                         |                                                                 | Strom (A)     |
| gG                                        |                              | 1                                        |                                                                 | 63            |
| Geprüfte AC und DC Werte                  |                              |                                          |                                                                 |               |
| Gebrauchskategorie / Zeitkonstante        | Anzahl der Kontakte in Serie | Aus- bzw. Umschalter                     | Spannung (V) AC / DC                                            | Strom (A)     |
| DC-13                                     | 1                            | ON - OFF                                 | 24 DC                                                           | 6             |
| DC-21A                                    | 1                            | ON - OFF                                 | 24 DC                                                           | 40            |
| DC-23A                                    | 1                            | ON - OFF                                 | 24 DC                                                           | 40            |
| UL60947-4-1 , UL508                       |                              |                                          |                                                                 |               |
| Nominal Voltage                           |                              |                                          |                                                                 |               |
| Voltage (V) AC / DC                       |                              |                                          |                                                                 |               |
| 600 AC                                    |                              |                                          |                                                                 |               |
| Rated insulation voltage Ui               |                              |                                          |                                                                 |               |
| Voltage (V) AC / DC                       |                              |                                          |                                                                 |               |
| 600 AC                                    |                              |                                          |                                                                 |               |
| Rated thermal current                     |                              |                                          |                                                                 |               |
| Current (A)                               |                              | Ambient temperature (°C) Additional Text |                                                                 |               |
| 50                                        |                              | 0 - 40 --                                |                                                                 |               |
| Horsepower rating                         |                              |                                          |                                                                 |               |
| Across-the-Line Motor Starting            | Voltage (V)                  | No. of phases                            | No. of poles                                                    | Power (HP)    |
| Reversing                                 | 110 - 120                    | 1                                        | 2                                                               | 1,50          |
| Reversing                                 | 220 - 240                    | 1                                        | 2                                                               | 3             |
| Reversing                                 | 277 - 277                    | 1                                        | 2                                                               | 3             |
| Reversing                                 | 415 - 415                    | 1                                        | 2                                                               | 5             |
| Reversing                                 | 440 - 480                    | 1                                        | 2                                                               | 5             |
| Reversing                                 | 550 - 600                    | 1                                        | 2                                                               | 7,50          |
| Reversing                                 | 110 - 120                    | 3                                        | 3                                                               | 3             |
| Reversing                                 | 220 - 240                    | 3                                        | 3                                                               | 5             |
| Reversing                                 | 415 - 415                    | 3                                        | 3                                                               | 10            |
| Reversing                                 | 440 - 480                    | 3                                        | 3                                                               | 15            |
| Reversing                                 | 550 - 600                    | 3                                        | 3                                                               | 15            |
| DOL                                       | 110 - 120                    | 1                                        | 2                                                               | 3             |
| DOL                                       | 220 - 240                    | 1                                        | 2                                                               | 7,50          |
| DOL                                       | 277 - 277                    | 1                                        | 2                                                               | 7,50          |
| DOL                                       | 415 - 415                    | 1                                        | 2                                                               | 10            |
| DOL                                       | 440 - 480                    | 1                                        | 2                                                               | 15            |

| Horsepower rating                                                                                                                                                |                  |                                      |                              |                                                       |                              |                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------|------------------------------|-------------------------------------------------------|------------------------------|--------------------------|
| Across-the-Line Motor Starting                                                                                                                                   |                  | Voltage (V)                          | No. of phases                | No. of poles                                          | Power (HP)                   | Ambient temperature [°C] |
| DOL                                                                                                                                                              |                  | 550 - 600                            | 1                            | 2                                                     | 20                           | 40                       |
| DOL                                                                                                                                                              |                  | 110 - 120                            | 3                            | 3                                                     | 7,50                         | 40                       |
| DOL                                                                                                                                                              |                  | 220 - 240                            | 3                            | 3                                                     | 15                           | 40                       |
| DOL                                                                                                                                                              |                  | 415 - 415                            | 3                            | 3                                                     | 20                           | 40                       |
| DOL                                                                                                                                                              |                  | 440 - 480                            | 3                            | 3                                                     | 25                           | 40                       |
| DOL                                                                                                                                                              |                  | 550 - 600                            | 3                            | 3                                                     | 30                           | 40                       |
| Pilot duty rating code                                                                                                                                           |                  |                                      |                              |                                                       |                              |                          |
| Duty Code                                                                                                                                                        |                  |                                      |                              |                                                       |                              |                          |
| A600                                                                                                                                                             |                  |                                      |                              |                                                       |                              |                          |
| SCCR / Max. fuse rating                                                                                                                                          |                  |                                      |                              |                                                       |                              |                          |
| Conditions of acceptability                                                                                                                                      |                  |                                      |                              |                                                       |                              |                          |
| 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. |                  |                                      |                              |                                                       |                              |                          |
| Temp. rating of wire                                                                                                                                             |                  |                                      |                              |                                                       |                              |                          |
| Temperature rating (°C)                                                                                                                                          |                  |                                      | Current (A) Text             |                                                       |                              |                          |
| 75                                                                                                                                                               |                  |                                      | – Use copper wire only       |                                                       |                              |                          |
| Connecting instructions                                                                                                                                          |                  |                                      |                              |                                                       |                              |                          |
| Markings                                                                                                                                                         |                  |                                      |                              |                                                       |                              |                          |
| Break all lines.                                                                                                                                                 |                  |                                      |                              |                                                       |                              |                          |
| General Use                                                                                                                                                      |                  |                                      |                              |                                                       |                              |                          |
| AC / DC                                                                                                                                                          | Voltage (V)      | Current (A)                          | No. of phases                | No. of poles                                          | No. of contacts in series    |                          |
| AC                                                                                                                                                               | 277              | 50                                   | 1                            | 1                                                     | 1                            |                          |
| AC                                                                                                                                                               | 600              | 55                                   | 1                            | 2                                                     | 1                            |                          |
| AC                                                                                                                                                               | 600              | 55                                   | 3                            | 3                                                     | 1                            |                          |
| CSA                                                                                                                                                              |                  |                                      |                              |                                                       |                              |                          |
| Nominal Voltage                                                                                                                                                  |                  |                                      |                              |                                                       |                              |                          |
| Spannung (V) AC / DC                                                                                                                                             |                  |                                      |                              |                                                       |                              |                          |
| 600 AC                                                                                                                                                           |                  |                                      |                              |                                                       |                              |                          |
| Bemessungsisolationsspannung Ui                                                                                                                                  |                  |                                      |                              |                                                       |                              |                          |
| Spannung (V) AC / DC                                                                                                                                             |                  |                                      |                              |                                                       |                              |                          |
| 600 AC                                                                                                                                                           |                  |                                      |                              |                                                       |                              |                          |
| Rated thermal current                                                                                                                                            |                  |                                      |                              |                                                       |                              |                          |
| Strom (A)                                                                                                                                                        |                  | Umgebungstemperatur (°C) Zusatz Text |                              |                                                       |                              |                          |
| 50                                                                                                                                                               |                  | 0 - 40 –                             |                              |                                                       |                              |                          |
| Horsepower rating                                                                                                                                                |                  |                                      |                              |                                                       |                              |                          |
| Across-the-Line Motor Starting                                                                                                                                   |                  | Spannung (V)                         | Phasenanzahl                 | Polanzahl                                             | Leistung (HP)                | Umgebungstemperatur [°C] |
| DOL                                                                                                                                                              |                  | 110 - 120                            | 1                            | 2                                                     | 3                            | 40                       |
| DOL                                                                                                                                                              |                  | 220 - 240                            | 1                            | 2                                                     | 7,50                         | 40                       |
| DOL                                                                                                                                                              |                  | 277 - 277                            | 1                            | 2                                                     | 7,50                         | 40                       |
| DOL                                                                                                                                                              |                  | 415 - 415                            | 1                            | 2                                                     | 10                           | 40                       |
| DOL                                                                                                                                                              |                  | 440 - 480                            | 1                            | 2                                                     | 15                           | 40                       |
| DOL                                                                                                                                                              |                  | 550 - 600                            | 1                            | 2                                                     | 20                           | 40                       |
| DOL                                                                                                                                                              |                  | 110 - 120                            | 3                            | 3                                                     | 7,50                         | 40                       |
| DOL                                                                                                                                                              |                  | 220 - 240                            | 3                            | 3                                                     | 15                           | 40                       |
| DOL                                                                                                                                                              |                  | 415 - 415                            | 3                            | 3                                                     | 20                           | 40                       |
| DOL                                                                                                                                                              |                  | 440 - 480                            | 3                            | 3                                                     | 25                           | 40                       |
| DOL                                                                                                                                                              |                  | 550 - 600                            | 3                            | 3                                                     | 30                           | 40                       |
| Pilot duty rating code                                                                                                                                           |                  |                                      |                              |                                                       |                              |                          |
| Duty Code                                                                                                                                                        |                  |                                      |                              |                                                       |                              |                          |
| A600                                                                                                                                                             |                  |                                      |                              |                                                       |                              |                          |
| Temp. rating of wire                                                                                                                                             |                  |                                      |                              |                                                       |                              |                          |
| Temperature Rating (°C)                                                                                                                                          |                  |                                      | Strom (A) Text               |                                                       |                              |                          |
| 75                                                                                                                                                               |                  |                                      | – only                       |                                                       |                              |                          |
| General Use                                                                                                                                                      |                  |                                      |                              |                                                       |                              |                          |
| AC / DC                                                                                                                                                          | Spannung (V)     | Strom (A)                            | Phasenanzahl                 | Polanzahl                                             | Anzahl der Kontakte in Serie |                          |
| AC                                                                                                                                                               | 277              | 50                                   | 2                            | 1                                                     | 1                            |                          |
| AC                                                                                                                                                               | 600              | 50                                   | 2                            | 2                                                     | 1                            |                          |
| AC                                                                                                                                                               | 600              | 50                                   | 3                            | 3                                                     | 1                            |                          |
| GENERAL TECHNICAL INFORMATION                                                                                                                                    |                  |                                      |                              |                                                       |                              |                          |
| Leiterquerschnitt                                                                                                                                                |                  |                                      |                              |                                                       |                              |                          |
| Leiteraufbau                                                                                                                                                     | Min. / Max. Wert |                                      | Anzahl der Leiter pro Klemme | Drahtquerschnitt (-bereich) (mm²)<br>oder (AWG/kcmil) |                              | Drahtmaterial            |
| Eindrähtig                                                                                                                                                       | Min.             |                                      | 1                            | 1mm²                                                  |                              | Kupfer                   |
| Eindrähtig                                                                                                                                                       | Min.             |                                      | 2                            | 1mm²                                                  |                              | Kupfer                   |
| Feindrähtig                                                                                                                                                      | Min.             |                                      | 1                            | 1,5mm²                                                |                              | Kupfer                   |
| Feindrähtig                                                                                                                                                      | Max.             |                                      | 2                            | 6mm²                                                  |                              | Kupfer                   |
| Feindrähtig                                                                                                                                                      | Max.             |                                      | 2                            | AWG 8                                                 |                              | Kupfer                   |
| Feindrähtig                                                                                                                                                      | Min.             |                                      | 2                            | 1,5mm²                                                |                              | Kupfer                   |
| ein- bzw. mehrdrähtig                                                                                                                                            | Max.             |                                      | 2                            | 10mm²                                                 |                              | Kupfer                   |
| ein- bzw. mehrdrähtig                                                                                                                                            | Max.             |                                      | 2                            | AWG 8                                                 |                              | Kupfer                   |
| Feindrähtig mit Aderendhülsen nach DIN 46228                                                                                                                     | Min.             |                                      | 1                            | 1mm²                                                  |                              | Kupfer                   |
| Feindrähtig mit Aderendhülsen nach DIN 46228                                                                                                                     | Max.             |                                      | 2                            | 6mm²                                                  |                              | Kupfer                   |
| Feindrähtig mit Aderendhülsen nach DIN 46228                                                                                                                     | Min.             |                                      | 2                            | 1mm²                                                  |                              | Kupfer                   |
| Abisolierlänge des Leiters                                                                                                                                       |                  |                                      |                              |                                                       |                              |                          |
| Länge (mm) Anschlusslänge - Bild                                                                                                                                 |                  |                                      |                              |                                                       |                              |                          |
| <div><div></div><div>13</div><div>L</div></div>                                                                                                                  |                  |                                      |                              |                                                       |                              |                          |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Empfohlene Schraubendreher</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <i>Schraubendreherart</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <i>Wert</i>                                                                                                                                                                                                                                                                                                                                                                                                          |
| Kreuzschlitz - Schraubendreher                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PH2                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Schlitzschraubendreher nach DIN 5264                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1,2x8                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Klemmschraube</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <i>Anzugsdrehmoment (Nm)</i>                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2,20                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <i>Anzugsdrehmoment (lb-in)</i>                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 19,50                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Approbationen</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <i>Specification</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <i>Marking</i>                                                                                                                                                                                                                                                                                                                                                                                                       |
| CE marking                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                   |
| UK Directives                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                   |
| GB/T14048.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                   |
| <b>Allgemeine Informationen</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <i>Text</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <ul style="list-style-type: none"> <li>- Nur Kupferleitungen mit oder ohne verzinneten/versilberten Einzeldrähten verwenden. Das nachträgliche Verzinnen der Leiterenden ist nicht zulässig.</li> <li>- Bei Nutzung von Kabelschuhen, ausschließlich vollisolierte Kabelschuhe bzw. Flachsteckhülsen verwenden.</li> <li>- Verbindungslaschen und Drahtverbindungen sind werksseitig zur Verlostsicherung verschraubt. Beim Öffnen der Anschlussklemmen ist darauf zu achten, dass keine Verbindungslaschen verloren gehen und alle Drahtverbindungen korrekt sitzen.</li> <li>- Nach der Montage sind ALLE Klemmschrauben auf das vorgeschriebene Anzugsdrehmoment zu kontrollieren.</li> <li>- Die Verwendung einer Zusatzeinrichtung kann die Schutzart der gewählten Bauform beeinflussen.</li> <li>- Die Schaltgeräte sind wartungsfrei. Schmierung oder Behandlung von Kontakten ist zu unterlassen.</li> <li>- Die Schalter dürfen nur von Fachkräften und nach den anerkannten Regeln der Technik eingebaut, angeschlossen und in Betrieb genommen werden.</li> <li>- Nach Installation der Schalter müssen die Kriech- und Luftstrecken im Bereich der Anschlussklemmen den Anforderungen der anwendbaren Norm und Vorschriften entsprechen.</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Waste Electrical &amp; Electronic Equipment (WEEE)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <i>Picture name</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <i>Description</i>                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Nicht in den Müll werfen, da auf eine umweltgerechte Entsorgung und Wiederverwertung geachtet werden muss. Bitte wenden Sie sich entweder an ein umweltfreundliches Entsorgungsunternehmen; senden Sie es zur Entsorgung an den Lieferanten oder direkt an den Hersteller Kraus & Naimer zurück. Lokale Kraus & Naimer Ansprechpartner finden Sie unter <a href="http://www.krausnaimer.com">www.krausnaimer.com</a> |
| <b>Proposition 65</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <i>Bildname</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <i>Beschreibung</i>                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 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> .                                                                                                                                                                              |
| Kontakttype: Starre Kontaktbrücke<br>Kontaktmaterial: Silber<br>Anschluss: Schraubanschluss                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                      |

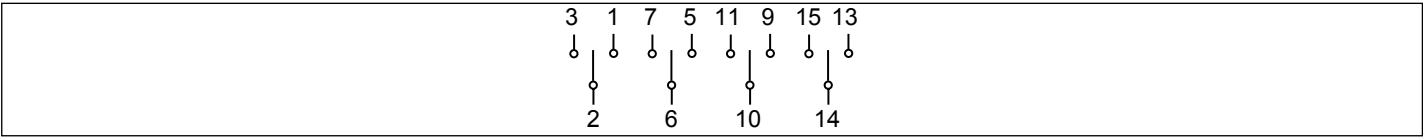
|                                                                                      |             |
|--------------------------------------------------------------------------------------|-------------|
| <b>Bauform-PNL4</b>                                                                  |             |
|  |             |
| IP - Schutzart Front                                                                 | IP42        |
| Fluchten                                                                             | 3,00 - 4,00 |
| A                                                                                    | □ 106,00 mm |

|    |   |            |
|----|---|------------|
| B  | H | 92,00 mm   |
| C  | H | 132,00 mm  |
| D  | Ø | 4,40 mm    |
| D6 | Ø | 4,00 x M25 |
| E  | H | 75,00 mm   |
| F  | H | 5,50 mm    |



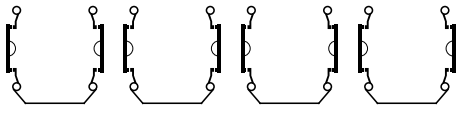
Anschlussbild

C32.A213.PNL4



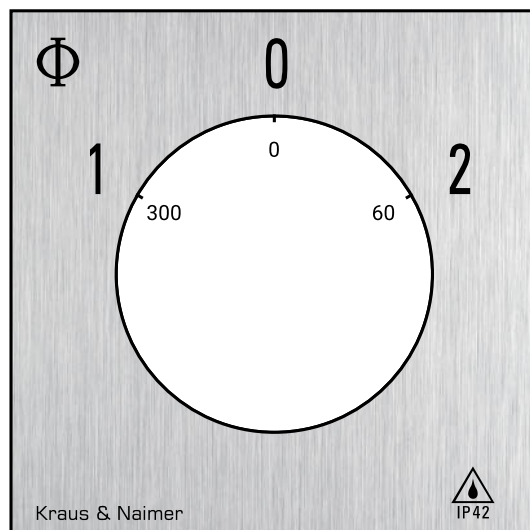
## Schaltprogramm

C32.A213.PNL4

|  Kraus & Naimer    |   | C32                                                                                                                                                                    |      | A213 |      | Seite 1 von 1 |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |   |    |    |    |    |    |
|-----------------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|---------------|----|----|----|----|----|----|----|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|----|----|----|----|----|
|                                                                                                     |   | Frontschild                                                                                                                                                            |      |      |      |               |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |   |    |    |    |    |    |
|                    |   |                                                                                      |      |      |      |               |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |   |    |    |    |    |    |
|                                                                                                     |   | <table border="1"> <tr> <td>1</td><td>3</td><td>5</td><td>7</td><td>9</td><td>11</td><td>13</td><td>15</td><td>17</td><td>19</td><td>21</td><td>23</td> </tr> </table> |      |      |      |               |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 3 | 5 | 7 | 9 | 11 | 13 | 15 | 17 | 19 |
| 1                                                                                                   | 3 | 5                                                                                                                                                                      | 7    | 9    | 11   | 13            | 15 | 17 | 19 | 21 | 23 |    |    |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |   |    |    |    |    |    |
| Schaltwinkel <input type="text" value="60"/><br>Gesamtschaltwinkel <input type="text" value="120"/> |   | 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: 95                                                                                         |   | Laschen                                                                                                                                                                |      |      |      |               |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |   |    |    |    |    |    |
|                                                                                                     |   | 1 ●                                                                                                                                                                    | ● 3  | 4 ○  | ● 2  |               |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |   |    |    |    |    |    |
|                                                                                                     |   | 5 ●                                                                                                                                                                    | ● 7  | 8 ○  | ● 6  |               |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |   |    |    |    |    |    |
|                                                                                                     |   | 9 ●                                                                                                                                                                    | ● 11 | 12 ○ | ● 10 |               |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |   |    |    |    |    |    |
|                                                                                                     |   | 13 ●                                                                                                                                                                   | ● 15 | 16 ○ | ● 14 |               |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |   |    |    |    |    |    |
|                                                                                                     |   | 17 ○                                                                                                                                                                   | ○ 19 | 20 ○ | ○ 18 |               |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |   |    |    |    |    |    |
|                                                                                                     |   | 21 ○                                                                                                                                                                   | ○ 23 | 24 ○ | ○ 22 |               |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |   |    |    |    |    |    |
|                                                                                                     |   | 25 ○                                                                                                                                                                   | ○ 27 | 28 ○ | ○ 26 |               |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |   |    |    |    |    |    |
|                                                                                                     |   | 29 ○                                                                                                                                                                   | ○ 31 | 32 ○ | ○ 30 |               |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |   |    |    |    |    |    |
|                                                                                                     |   | 33 ○                                                                                                                                                                   | ○ 35 | 36 ○ | ○ 34 |               |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |   |    |    |    |    |    |
|                                                                                                     |   | 37 ○                                                                                                                                                                   | ○ 39 | 40 ○ | ○ 38 |               |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |   |    |    |    |    |    |
|                                                                                                     |   | 41 ○                                                                                                                                                                   | ○ 43 | 44 ○ | ○ 42 |               |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |   |    |    |    |    |    |
|                                                                                                     |   | 45 ○                                                                                                                                                                   | ○ 47 | 48 ○ | ○ 46 |               |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |   |    |    |    |    |    |

## Frontschild

S1.F071/A10.PNL



## GRIFFE

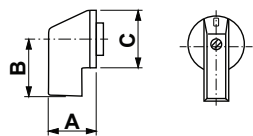
**Bezeichnung:** S1B.G257

**Grifffarbe:** "7" elektrograu

### GENERAL TECHNICAL INFORMATION

#### Empfohlene Schraubendreher

| Schraubendreherart                   | Wert    |
|--------------------------------------|---------|
| Kreuzschlitz - Schraubendreher       | PH1     |
| Schlitzschraubendreher nach DIN 5264 | 0,8x5,5 |



|   |          |   |          |   |          |
|---|----------|---|----------|---|----------|
| A | 27,00 mm | B | 31,80 mm | C | 36,00 mm |
|---|----------|---|----------|---|----------|