



Symbolbild

## Datenblatt

**Artikelnummer:** 70019792

**Bezeichnung:** CA10.A295.PFL1

**Beschreibung:** Schalter

| IEC 60947-3 EN 60947-3, VDE 0660 Teil 107 |                              |                                          |                               |                                                                 |                   |
|-------------------------------------------|------------------------------|------------------------------------------|-------------------------------|-----------------------------------------------------------------|-------------------|
| Bemessungsisolationsspannung Ui           |                              |                                          |                               |                                                                 |                   |
|                                           |                              |                                          | Spannung (V) AC / DC          |                                                                 |                   |
|                                           |                              |                                          | 690 50/60Hz/DC                |                                                                 |                   |
| Bemessungsstoßspannungsfestigkeit Uimp    |                              |                                          |                               |                                                                 |                   |
| Spannung (kV)                             | Überspannungskategorie       | Verschmutzungsgrad                       | Netzform                      |                                                                 | Function          |
| 6 III                                     |                              | 3                                        | Netz mit geerdetem Sternpunkt |                                                                 | Lastschalter      |
| 4 III                                     |                              | 3                                        | Netz mit geerdetem Sternpunkt |                                                                 | Lasttrennschalter |
| Bemessungsdauerstrom Iu/Ith               |                              |                                          |                               |                                                                 |                   |
| Strom (A)                                 | Umgebungstemperatur (°C)     | Temperaturspitzen (°C)                   |                               | zusätzliche Bedingungen                                         |                   |
| 20                                        | 55                           | 60                                       |                               | Umgebungstemperatur +55°C über 24 Stunden mit Spitzen bis +60°C |                   |
| Bemessungsbetriebsstrom Ie                |                              |                                          |                               |                                                                 |                   |
| Gebrauchskategorie                        | Spannung (V)                 |                                          |                               |                                                                 | Strom (A)         |
| AC-15                                     | 220 - 240                    |                                          |                               |                                                                 | 6                 |
| AC-15                                     | 380 - 440                    |                                          |                               |                                                                 | 4                 |
| Bemessungsbetriebsleistung                |                              |                                          |                               |                                                                 |                   |
| Gebrauchskategorie                        | Spannung (V)                 | Phasenanzahl                             | Polanzahl                     | Leistung (kW)                                                   |                   |
| AC-3                                      | 220 - 240                    | 3                                        | 3                             | 3                                                               |                   |
| AC-3                                      | 380 - 440                    | 3                                        | 3                             | 5,50                                                            |                   |
| AC-3                                      | 660 - 690                    | 3                                        | 3                             | 5,50                                                            |                   |
| AC-3                                      | 220 - 240                    | 1                                        | 2                             | 2,20                                                            |                   |
| AC-3                                      | 380 - 440                    | 1                                        | 2                             | 3                                                               |                   |
| AC-23A                                    | 220 - 240                    | 3                                        | 3                             | 3,70                                                            |                   |
| AC-23A                                    | 380 - 440                    | 3                                        | 3                             | 7,50                                                            |                   |
| AC-23A                                    | 660 - 690                    | 3                                        | 3                             | 7,50                                                            |                   |
| AC-23A                                    | 220 - 240                    | 1                                        | 2                             | 2,50                                                            |                   |
| AC-23A                                    | 380 - 440                    | 1                                        | 2                             | 3,70                                                            |                   |
| Max. Sicherungsnennstrom IEC              |                              |                                          |                               |                                                                 |                   |
| Sicherungscharakteristik                  |                              |                                          | Sicherungsanzahl              |                                                                 | Strom (A)         |
| gG                                        |                              |                                          | 1                             |                                                                 | 25                |
| 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                                                           | 3                 |
| DC-13                                     | 1                            | ON - OFF                                 |                               | 220 DC                                                          | 0,15              |
| DC-21A                                    | 1                            | ON - OFF                                 |                               | 24 DC                                                           | 20                |
| DC-21A                                    | 1                            | ON - OFF                                 |                               | 220 DC                                                          | 0,90              |
| DC-23A                                    | 1                            | ON - OFF                                 |                               | 24 DC                                                           | 20                |
| DC-23A                                    | 1                            | ON - OFF                                 |                               | 220 DC                                                          | 0,20              |
| UL60947-4-1 , UL508                       |                              |                                          |                               |                                                                 |                   |
| Nominal Voltage                           |                              |                                          |                               |                                                                 |                   |
|                                           |                              |                                          | Voltage (V) AC / DC           |                                                                 |                   |
|                                           |                              |                                          | 300 AC / DC                   |                                                                 |                   |
| Rated insulation voltage Ui               |                              |                                          |                               |                                                                 |                   |
|                                           |                              |                                          | Voltage (V) AC / DC           |                                                                 |                   |
|                                           |                              |                                          | 300 AC                        |                                                                 |                   |
| Rated thermal current                     |                              |                                          |                               |                                                                 |                   |
| Current (A)                               |                              | Ambient temperature (°C) Additional Text |                               |                                                                 |                   |
| 20                                        |                              | 0 - 40 --                                |                               |                                                                 |                   |
| Horsepower rating                         |                              |                                          |                               |                                                                 |                   |
| Across-the-Line Motor Starting            |                              | Voltage (V)                              | No. of phases                 | No. of poles                                                    | Power (HP)        |
| Reversing                                 |                              | 110 - 120                                | 1                             | 2                                                               | 0,17              |
| Reversing                                 |                              | 220 - 240                                | 1                             | 2                                                               | 0,50              |
| Reversing                                 |                              | 277 - 277                                | 1                             | 2                                                               | 0,60              |
| Reversing                                 |                              | 110 - 120                                | 3                             | 3                                                               | 0,50              |
| Reversing                                 |                              | 220 - 240                                | 3                             | 3                                                               | 1                 |
| DOL                                       |                              | 110 - 120                                | 1                             | 2                                                               | 0,50              |
| DOL                                       |                              | 220 - 240                                | 1                             | 2                                                               | 1                 |
| DOL                                       |                              | 277 - 277                                | 1                             | 2                                                               | 2                 |
| DOL                                       |                              | 110 - 120                                | 3                             | 3                                                               | 1,50              |

| Horsepower rating                                                                                                                                                                                                                                                                                                                                                                                      |              |              |                                      |              |                              |                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|--------------------------------------|--------------|------------------------------|--------------------------|
| Across-the-Line Motor Starting                                                                                                                                                                                                                                                                                                                                                                         |              | Voltage (V)  | No. of phases                        | No. of poles | Power (HP)                   | Ambient temperature [°C] |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                    |              | 220 - 240    | 3                                    | 3            | 3                            | 40                       |
| Pilot duty rating code                                                                                                                                                                                                                                                                                                                                                                                 |              |              |                                      |              |                              |                          |
| Duty Code                                                                                                                                                                                                                                                                                                                                                                                              |              |              |                                      |              |                              |                          |
| A300                                                                                                                                                                                                                                                                                                                                                                                                   |              |              |                                      |              |                              |                          |
| 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. Manual Motor Controllers when intended for use as a motor disconnect are suitable for use on a circuit capable of delivering not more than 5000 rms symmetrical amperes, 600V ac max. when protected by 30A Class J time delay fuses. |              |              |                                      |              |                              |                          |
| Temp. rating of wire                                                                                                                                                                                                                                                                                                                                                                                   |              |              |                                      |              |                              |                          |
| Temperature rating (°C)                                                                                                                                                                                                                                                                                                                                                                                |              |              | Current (A) Text                     |              |                              |                          |
| 60 - 75                                                                                                                                                                                                                                                                                                                                                                                                |              |              | – Use copper wire only               |              |                              |                          |
| Connecting instructions                                                                                                                                                                                                                                                                                                                                                                                |              |              |                                      |              |                              |                          |
| Markings                                                                                                                                                                                                                                                                                                                                                                                               |              |              |                                      |              |                              |                          |
| When intended for use as a motor disconnect the device shall be provided with a method of being locked in the OFF-position.                                                                                                                                                                                                                                                                            |              |              |                                      |              |                              |                          |
| General Use                                                                                                                                                                                                                                                                                                                                                                                            |              |              |                                      |              |                              |                          |
| AC / DC                                                                                                                                                                                                                                                                                                                                                                                                | Voltage (V)  | Current (A)  | No. of phases                        | No. of poles | No. of contacts in series    |                          |
| AC                                                                                                                                                                                                                                                                                                                                                                                                     | 300          | 20           | 1                                    | 2            | 1                            |                          |
| AC                                                                                                                                                                                                                                                                                                                                                                                                     | 300          | 20           | 3                                    | 3            | 1                            |                          |
| CSA                                                                                                                                                                                                                                                                                                                                                                                                    |              |              |                                      |              |                              |                          |
| Nominal Voltage                                                                                                                                                                                                                                                                                                                                                                                        |              |              |                                      |              |                              |                          |
| Spannung (V) AC / DC                                                                                                                                                                                                                                                                                                                                                                                   |              |              |                                      |              |                              |                          |
| 300 AC                                                                                                                                                                                                                                                                                                                                                                                                 |              |              |                                      |              |                              |                          |
| Bemessungsisolationsspannung Ui                                                                                                                                                                                                                                                                                                                                                                        |              |              |                                      |              |                              |                          |
| Spannung (V) AC / DC                                                                                                                                                                                                                                                                                                                                                                                   |              |              |                                      |              |                              |                          |
| 300 AC                                                                                                                                                                                                                                                                                                                                                                                                 |              |              |                                      |              |                              |                          |
| Rated thermal current                                                                                                                                                                                                                                                                                                                                                                                  |              |              |                                      |              |                              |                          |
| Strom (A)                                                                                                                                                                                                                                                                                                                                                                                              |              |              | Umgebungstemperatur (°C) Zusatz Text |              |                              |                          |
| 20                                                                                                                                                                                                                                                                                                                                                                                                     |              |              | 0 - 40 –                             |              |                              |                          |
| Horsepower rating                                                                                                                                                                                                                                                                                                                                                                                      |              |              |                                      |              |                              |                          |
| Across-the-Line Motor Starting                                                                                                                                                                                                                                                                                                                                                                         |              | Spannung (V) | Phasenanzahl                         | Polanzahl    | Leistung (HP)                | Umgebungstemperatur [°C] |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                    |              | 110 - 120    | 1                                    | 2            | 0,50                         | 40                       |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                    |              | 220 - 240    | 1                                    | 2            | 1                            | 40                       |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                    |              | 277 - 277    | 1                                    | 2            | 2                            | 40                       |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                    |              | 110 - 120    | 3                                    | 3            | 1,50                         | 40                       |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                    |              | 220 - 240    | 3                                    | 3            | 3                            | 40                       |
| Pilot duty rating code                                                                                                                                                                                                                                                                                                                                                                                 |              |              |                                      |              |                              |                          |
| Duty Code                                                                                                                                                                                                                                                                                                                                                                                              |              |              |                                      |              |                              |                          |
| A300                                                                                                                                                                                                                                                                                                                                                                                                   |              |              |                                      |              |                              |                          |
| 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                                                                                                                                                                                                                                                                                                                                                                                                     | 300          | 20           | 1                                    | 1            | 1                            |                          |

| GENERAL TECHNICAL INFORMATION                |                  |                              |                                                                                       |  |                          |                                                                                       |
|----------------------------------------------|------------------|------------------------------|---------------------------------------------------------------------------------------|--|--------------------------|---------------------------------------------------------------------------------------|
| Leiterquerschnitt                            |                  |                              |                                                                                       |  |                          |                                                                                       |
| Leiteraufbau                                 | Min. / Max. Wert | Anzahl der Leiter pro Klemme | Drahtquerschnitt (-bereich) (mm²)<br>oder (AWG/kcmil)                                 |  | Drahtmaterial            |                                                                                       |
| Eindräftig                                   | Min.             | 1                            | 0,5mm²                                                                                |  | Kupfer                   |                                                                                       |
| Eindräftig                                   | Min.             | 2                            | 0,5mm²                                                                                |  | Kupfer                   |                                                                                       |
| Feindräftig                                  | Min.             | 1                            | 0,75mm²                                                                               |  | Kupfer                   |                                                                                       |
| Feindräftig                                  | Min.             | 2                            | 0,75mm²                                                                               |  | Kupfer                   |                                                                                       |
| Feindräftig                                  | Max.             | 2                            | 2,5mm²                                                                                |  | Kupfer                   |                                                                                       |
| Feindräftig                                  | Max.             | 2                            | AWG 14                                                                                |  | Kupfer                   |                                                                                       |
| ein- bzw. mehrdräftig                        | Max.             | 2                            | AWG 12                                                                                |  | Kupfer                   |                                                                                       |
| ein- bzw. mehrdräftig                        | Max.             | 2                            | 2,5mm²                                                                                |  | Kupfer                   |                                                                                       |
| Feindräftig mit Aderendhülsen nach DIN 46228 | Min.             | 1                            | 0,5mm²                                                                                |  | Kupfer                   |                                                                                       |
| Feindräftig mit Aderendhülsen nach DIN 46228 | Max.             | 2                            | 2,5mm²                                                                                |  | Kupfer                   |                                                                                       |
| Feindräftig mit Aderendhülsen nach DIN 46228 | Min.             | 2                            | 0,5mm²                                                                                |  | Kupfer                   |                                                                                       |
| Abisolierlänge des Leiters                   |                  |                              |                                                                                       |  |                          |                                                                                       |
|                                              |                  |                              | Länge (mm) Anschlusslänge - Bild                                                      |  |                          |                                                                                       |
|                                              |                  |                              |  |  |                          |                                                                                       |
| Empfohlene Schraubendreher                   |                  |                              |                                                                                       |  |                          |                                                                                       |
| Schraubendreherart                           |                  |                              | Wert                                                                                  |  |                          |                                                                                       |
| Kreuzschlitz - Schraubendreher               |                  |                              | PH1                                                                                   |  |                          |                                                                                       |
| Schlitzschraubendreher nach DIN 5264         |                  |                              | 0,8x4                                                                                 |  |                          |                                                                                       |
| Klemmschraube                                |                  |                              |                                                                                       |  |                          |                                                                                       |
|                                              |                  |                              | Anzugsdrehmoment (Nm)                                                                 |  | Anzugsdrehmoment (lb-in) |                                                                                       |
|                                              |                  |                              | 0,60                                                                                  |  | 5                        |                                                                                       |
| Approbationen                                |                  |                              |                                                                                       |  |                          |                                                                                       |
| Specification                                |                  |                              |                                                                                       |  |                          | Marking                                                                               |
| CE marking                                   |                  |                              |                                                                                       |  |                          |  |
| UK Directives                                |                  |                              |                                                                                       |  |                          |  |

| Approbationen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Marking                                                                                                                                                                                                                                                                                                                                                                                                              |
| GB/T14048.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <br>GB/T14048.3                                                                                                                                                                                                                                                                                                                   |
| Allgemeine Informationen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Text                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <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>- Gleichstromschaltvermögen gilt nur für Ausschalter.</li> <li>- Verbindungsfaschen und Drahtverbindungen sind werkseitig zur Verlusstsicherung verschraubt. Beim Öffnen der Anschlussklemmen ist darauf zu achten, dass keine Verbindungsfaschen 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> |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Waste Electrical & Electronic Equipment (WEEE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Picture name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Description                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 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> |
| Proposition 65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Bildname                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Beschreibung                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 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 |
| Kontaktmaterial: Silber           |
| Anschluss: Schraubanschluss       |

| Bauform-PFL1                                                                         |              |
|--------------------------------------------------------------------------------------|--------------|
|  |              |
| IP - Schutzart Front                                                                 | IP65         |
| Fluchten                                                                             | 1,00 - 1,00  |
| A                                                                                    | □ 64,00 mm   |
| B                                                                                    | H 50,00 mm   |
| C                                                                                    | H 41,30 mm   |
| D                                                                                    | Ø 4,40 mm    |
| D5                                                                                   | Ø 4,00 x M20 |
| E                                                                                    | H 36,00 mm   |
| F                                                                                    | H 4,00 mm    |

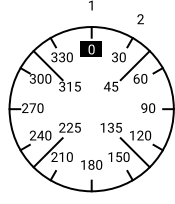
## Anschlussbild

CA10.A295.PFL1



## Schaltprogramm

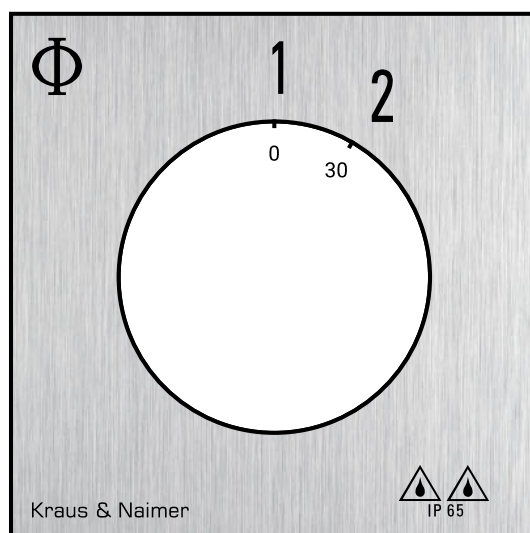
CA10.A295.PFL1

|  Kraus & Naimer   |      | CA10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                     | A295 |   | Seite 1 von 1 |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------|---|---------------|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                                                                                                    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Frontschild</b>                                                                                 |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                   |      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3                                   | 5    | 7 | 9             | 11 | 13 | 15 | 17 | 19 | 21 | 23 |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                   |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Schaltwinkel <input type="text" value="90"/><br>Gesamtschaltwinkel <input type="text" value="30"/> |      | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4                                   | 6    | 8 | 10            | 12 | 14 | 16 | 18 | 20 | 22 | 24 |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <div> <div></div> <div>1</div> <div>0</div> </div>                                                 |      | <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 15                                                                                                 |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <div> <div></div> <div>2</div> <div>30</div> </div>                                                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <input checked="" type="checkbox"/> |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 45                                                                                                 |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 60                                                                                                 |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 75                                                                                                 |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 90                                                                                                 |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 105                                                                                                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 120                                                                                                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 135                                                                                                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 150                                                                                                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 165                                                                                                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 180                                                                                                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 195                                                                                                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 210                                                                                                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 225                                                                                                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 240                                                                                                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 255                                                                                                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 270                                                                                                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 285                                                                                                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 300                                                                                                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 315                                                                                                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 330                                                                                                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 345                                                                                                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                                    |      | <div>Laschen</div> <table> <tr> <td>1 ●</td><td>● 3</td><td>4 ○</td><td>● 2</td></tr> <tr> <td>5 ○</td><td>○ 7</td><td>8 ○</td><td>○ 6</td></tr> <tr> <td>9 ○</td><td>○ 11</td><td>12 ○</td><td>○ 10</td></tr> <tr> <td>13 ○</td><td>○ 15</td><td>16 ○</td><td>○ 14</td></tr> <tr> <td>17 ○</td><td>○ 19</td><td>20 ○</td><td>○ 18</td></tr> <tr> <td>21 ○</td><td>○ 23</td><td>24 ○</td><td>○ 22</td></tr> <tr> <td>25 ○</td><td>○ 27</td><td>28 ○</td><td>○ 26</td></tr> <tr> <td>29 ○</td><td>○ 31</td><td>32 ○</td><td>○ 30</td></tr> <tr> <td>33 ○</td><td>○ 35</td><td>36 ○</td><td>○ 34</td></tr> <tr> <td>37 ○</td><td>○ 39</td><td>40 ○</td><td>○ 38</td></tr> <tr> <td>41 ○</td><td>○ 43</td><td>44 ○</td><td>○ 42</td></tr> <tr> <td>45 ○</td><td>○ 47</td><td>48 ○</td><td>○ 46</td></tr> </table> |                                     |      |   |               |    |    |    |    |    |    |    | 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 |
| 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                                |      |   |               |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

Version: 59

## Frontschild

S0.F026/A10.PFL



## GRIFFE

**Bezeichnung:** S0C.G257

**Grifffarbe:** "7" elektrograu

### GENERAL TECHNICAL INFORMATION

#### Empfohlene Schraubendreher

| Schraubendreherart                   | Wert  |
|--------------------------------------|-------|
| Kreuzschlitz - Schraubendreher       | PH1   |
| Schlitzschraubendreher nach DIN 5264 | 0,8x4 |



|   |          |   |          |   |          |
|---|----------|---|----------|---|----------|
| A | 22,00 mm | B | 23,80 mm | C | 27,60 mm |
|---|----------|---|----------|---|----------|