



Sample image

## Datasheet

Article number: 70003361

Description: Other Component

|                                                                                                                                                                                                                                                                                                                                                                                                        |           |                                       |    |               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------|----|---------------|
| IEC 60947-3 EN 60947-3, VDE 0660 Teil 107                                                                                                                                                                                                                                                                                                                                                              |           |                                       |    |               |
| 定格絶縁電圧 Ui                                                                                                                                                                                                                                                                                                                                                                                              |           |                                       |    |               |
| 電圧 (V) AC / DC                                                                                                                                                                                                                                                                                                                                                                                         |           |                                       |    |               |
| 690 AC / DC                                                                                                                                                                                                                                                                                                                                                                                            |           |                                       |    |               |
| 定格インパルス電圧 Uimp                                                                                                                                                                                                                                                                                                                                                                                         |           |                                       |    |               |
| 電圧 (kV) 過電圧カテゴリー                                                                                                                                                                                                                                                                                                                                                                                       | 汚染度       | 電源システム                                |    | 機能            |
| 4 III                                                                                                                                                                                                                                                                                                                                                                                                  | 3         | 接地された共通ニュートラル端子のある電線に適用               |    | スイッチ-ディスコネクター |
| 定格連続通電電流 Iu/Ith                                                                                                                                                                                                                                                                                                                                                                                        |           |                                       |    |               |
| Current (A)                                                                                                                                                                                                                                                                                                                                                                                            | 周囲温度 (°C) | ピーク温度 (°C) 追加要求事項                     |    |               |
| 20                                                                                                                                                                                                                                                                                                                                                                                                     | 55        | 60 周囲温度 +55°C、24 時間、ただし 瞬時ピーク温度 +60°C |    |               |
| 定格操作電流 Ie                                                                                                                                                                                                                                                                                                                                                                                              |           |                                       |    |               |
| 負荷種別                                                                                                                                                                                                                                                                                                                                                                                                   | 電圧 (V)    |                                       |    | Current (A)   |
| AC-15                                                                                                                                                                                                                                                                                                                                                                                                  | 220 - 240 |                                       |    | 6             |
| AC-15                                                                                                                                                                                                                                                                                                                                                                                                  | 380 - 440 |                                       |    | 4             |
| 定格操作電力                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                       |    |               |
| 負荷種別                                                                                                                                                                                                                                                                                                                                                                                                   | 電圧 (V)    | 相数                                    | 極数 | 電力 (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          |
| 最大ヒューズ定格 IEC                                                                                                                                                                                                                                                                                                                                                                                           |           |                                       |    |               |
| ヒューズ特性                                                                                                                                                                                                                                                                                                                                                                                                 | ヒューズ数     |                                       |    | Current (A)   |
| gG                                                                                                                                                                                                                                                                                                                                                                                                     | 1         |                                       |    | 25            |
| UL60947-4-1, UL508                                                                                                                                                                                                                                                                                                                                                                                     |           |                                       |    |               |
| Nominal Voltage                                                                                                                                                                                                                                                                                                                                                                                        |           |                                       |    |               |
| 電圧 (V) AC / DC                                                                                                                                                                                                                                                                                                                                                                                         |           |                                       |    |               |
| 300 AC / DC                                                                                                                                                                                                                                                                                                                                                                                            |           |                                       |    |               |
| 定格絶縁電圧 Ui                                                                                                                                                                                                                                                                                                                                                                                              |           |                                       |    |               |
| 電圧 (V) AC / DC                                                                                                                                                                                                                                                                                                                                                                                         |           |                                       |    |               |
| 300 AC                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                       |    |               |
| 定格熱電流                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                       |    |               |
| Current (A)                                                                                                                                                                                                                                                                                                                                                                                            |           | 周囲温度 (°C) 備考                          |    |               |
| 20                                                                                                                                                                                                                                                                                                                                                                                                     |           | 0 - 40 --                             |    |               |
| Horsepower rating                                                                                                                                                                                                                                                                                                                                                                                      |           |                                       |    |               |
| Across-the-Line Motor Starting                                                                                                                                                                                                                                                                                                                                                                         | 電圧 (V)    | 相数                                    | 極数 | 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          |
| DOL                                                                                                                                                                                                                                                                                                                                                                                                    | 220 - 240 | 3                                     | 3  | 3             |
| 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                                                |           |                         |                   |                                       |                           |                          |
| モータ断路器として使用する場合は、装置にはOFF位置でロックする方法を設けなければならない。          |           |                         |                   |                                       |                           |                          |
| General Use                                             |           |                         |                   |                                       |                           |                          |
| AC / DC                                                 | 電圧 (V)    | Current (A)             | 相数                | 極数                                    | No. of contacts in series |                          |
| AC                                                      | 300       | 20                      | 1                 | 2                                     | 1                         |                          |
| AC                                                      | 300       | 20                      | 3                 | 3                                     | 1                         |                          |
| CSA                                                     |           |                         |                   |                                       |                           |                          |
| Nominal Voltage                                         |           |                         |                   |                                       |                           |                          |
|                                                         |           |                         | 電圧 (V) AC / DC    |                                       |                           |                          |
|                                                         |           |                         | 300 AC            |                                       |                           |                          |
| 定格絶縁電圧 Ui                                               |           |                         |                   |                                       |                           |                          |
|                                                         |           |                         | 電圧 (V) AC / DC    |                                       |                           |                          |
|                                                         |           |                         | 300 AC            |                                       |                           |                          |
| 定格熱電流                                                   |           |                         |                   |                                       |                           |                          |
|                                                         |           | Current (A)             | 周囲温度 (°C) 備考      |                                       |                           |                          |
|                                                         |           | 20                      | 0 - 40 --         |                                       |                           |                          |
| Horsepower rating                                       |           |                         |                   |                                       |                           |                          |
| Across-the-Line Motor Starting                          |           | 電圧 (V)                  | 相数                | 極数                                    | Power (HP)                | Ambient temperature [°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) | Current (A)       |                                       | Text                      |                          |
|                                                         |           | 75                      |                   |                                       | -- only                   |                          |
| General Use                                             |           |                         |                   |                                       |                           |                          |
| AC / DC                                                 | 電圧 (V)    | Current (A)             | 相数                | 極数                                    | No. of contacts in series |                          |
| AC                                                      | 300       | 20                      | 1                 | 1                                     | 1                         |                          |
| GENERAL TECHNICAL INFORMATION                           |           |                         |                   |                                       |                           |                          |
| 端子ネジ締付トルク                                               |           |                         |                   |                                       |                           |                          |
|                                                         |           |                         | 締付トルク (Nm)        |                                       | 締付トルク (lb-in)             |                          |
|                                                         |           |                         | 0,60              |                                       | 5                         |                          |
| Stripping length                                        |           |                         |                   |                                       |                           |                          |
|                                                         |           |                         | Length (mm) --    |                                       |                           |                          |
|                                                         |           |                         | 8 STRIPPINGLENGTH |                                       |                           |                          |
| 電線サイズ                                                   |           |                         |                   |                                       |                           |                          |
| 電線種別                                                    | 最小値 / 最大値 |                         | 1端子当たりの配線数        | 断面積 (mm <sup>2</sup> ) or (AWG/kcmil) | 電線材料                      |                          |
| 単線                                                      | 最小        |                         | 1                 | 0.5mm <sup>2</sup>                    | 銅                         |                          |
| 単線                                                      | 最小        |                         | 2                 | 0.5mm <sup>2</sup>                    | 銅                         |                          |
| 細撚線                                                     | 最小        |                         | 1                 | 0.75mm <sup>2</sup>                   | 銅                         |                          |
| 細撚線                                                     | 最小        |                         | 2                 | 0.75mm <sup>2</sup>                   | 銅                         |                          |
| 細撚線                                                     | 最大        |                         | 2                 | 2.5mm <sup>2</sup>                    | 銅                         |                          |
| 細撚線                                                     | 最大        |                         | 2                 | AWG 14                                | 銅                         |                          |
| 単線または荒撚線                                                | 最大        |                         | 2                 | AWG 12                                | 銅                         |                          |
| 単線または荒撚線                                                | 最大        |                         | 2                 | 2.5mm <sup>2</sup>                    | 銅                         |                          |
| DIN46228規格フェール適用の細撚線                                    | 最小        |                         | 1                 | 0.5mm <sup>2</sup>                    | 銅                         |                          |
| DIN46228規格フェール適用の細撚線                                    | 最大        |                         | 2                 | 2.5mm <sup>2</sup>                    | 銅                         |                          |
| DIN46228規格フェール適用の細撚線                                    | 最小        |                         | 2                 | 0.5mm <sup>2</sup>                    | 銅                         |                          |
| 認証                                                      |           |                         |                   |                                       |                           |                          |
| 仕様                                                      |           |                         |                   |                                       |                           |                          |
| マーキング                                                   |           |                         |                   |                                       |                           |                          |
| EAC                                                     |           |                         |                   |                                       |                           |                          |
| CE                                                      |           |                         |                   |                                       |                           |                          |
| CEマーキング                                                 |           |                         |                   |                                       |                           |                          |
| UK Directives                                           |           |                         |                   |                                       |                           |                          |
| UK CA                                                   |           |                         |                   |                                       |                           |                          |
| CSA C.22.2 No.14                                        |           |                         |                   |                                       |                           |                          |
| CSA                                                     |           |                         |                   |                                       |                           |                          |
| GB/T14048.3                                             |           |                         |                   |                                       |                           |                          |
| CCC                                                     |           |                         |                   |                                       |                           |                          |
| GB/T14048.3                                             |           |                         |                   |                                       |                           |                          |
| Recommended screw driver                                |           |                         |                   |                                       |                           |                          |
| Type of screw driver                                    |           | Value                   |                   |                                       |                           |                          |
| Cross Screwdriver                                       |           | PH1                     |                   |                                       |                           |                          |
| Slot screwdriver according to DIN 5264                  |           | 0,8x4                   |                   |                                       |                           |                          |
| 注意事項                                                    |           |                         |                   |                                       |                           |                          |
| 備考                                                      |           |                         |                   |                                       |                           |                          |
| - 接点に潤滑剤を塗布したり、表面処理をしたりしないでください。                        |           |                         |                   |                                       |                           |                          |
| - スイッチの取り付け、接続、操作の設定は、技術的に認められた規則に従って、有資格者のみが行うことができます。 |           |                         |                   |                                       |                           |                          |
| - 銅線のみを使用してください。電線を半田付けしないでください。                        |           |                         |                   |                                       |                           |                          |

## 注意事項

### 備考

- ジャンパー線(コモン線)に接続された端子ネジは工場出荷時には仮締め状態となっています。ジャンパー線(コモン線)に接続された端子ネジの締め付けを含む全ての端子ネジが、必ず適切なトルクで締められていることをご確認の上、ご使用ください。
- スイッチの設置後、端子間の間隔は、適用される規格の要件を満たすのに十分なものでなければなりません。

### Waste Electrical & Electronic Equipment (WEEE)

| Picture name                                                                     | Description                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Do not throw in the trash as care must be taken to ensure environmentally sound disposal and recycling. Please either use an environmentally friendly waste disposal company; return to the supplier for disposal; or return direct to the manufacturer, Kraus & Naimer. You can find local Kraus & Naimer offices at <a href="http://www.krausnaimer.com">www.krausnaimer.com</a> |

### Proposition 65

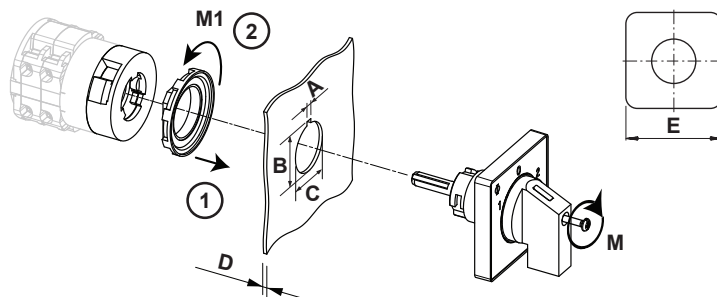
| Picture name                                                                     | Description                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> . |

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

## Mounting-FT2

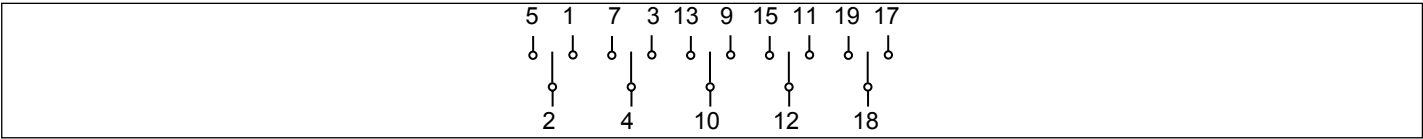


|                      |    |                   |
|----------------------|----|-------------------|
| IP - Code front side |    | IP66, IP67, IP69k |
| Stages               |    | 1,00 - 12,00      |
| A                    | H  | 3,20 mm           |
| A+ <sub>tol.</sub>   | H  | 0,20 mm           |
| A- <sub>tol.</sub>   | H  | 0,00 mm           |
| B                    | H  | 24,10 mm          |
| B+ <sub>tol.</sub>   | H  | 0,40 mm           |
| B- <sub>tol.</sub>   | H  | 0,00 mm           |
| C                    | Ø  | 22,30 mm          |
| C+ <sub>tol.</sub>   | Ø  | 0,40 mm           |
| C- <sub>tol.</sub>   | Ø  | 0,00 mm           |
| D                    | H  | <= 6,00 mm        |
| E                    | □  | 48,00 mm          |
| M                    | M̄ | 0,50 Nm           |
| M1                   | M̄ | 1,80 Nm           |



Wiring diagram

CA10.A361.FT2



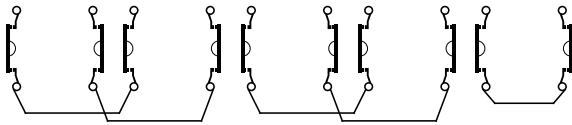
## Switch program

CA10.A361.FT2



Kraus & Naimer

CA10
A361
Page 1 of 1

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

Version: 55

## Face plate

S0.F071/A10.E1L



## HANDLES

Designation: S0C.G251

Handle colour: "1" black

