

# 8TB3102.222C-20

## 1 Order data

| Order number    | Short description                                                                                            | Figure                                                                              |
|-----------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                 | <b>Terminals</b>                                                                                             |                                                                                     |
| 8TB3102.222C-20 | 2-pin push-in terminal block, 1-row, with locking mechanism, pitch: 7.62 mm, label 2: COM 24 V, coding C: 10 |  |

Table 1: 8TB3102.222C-20 - Order data

## 2 Technical data

| Order number                           | 8TB3102.222C-20                                                                         |
|----------------------------------------|-----------------------------------------------------------------------------------------|
| General information                    |                                                                                         |
| Short description                      | Push-in terminal block, 1-row, for 8EIXXXXXXXX.XXXX-1 servo drives, connector X2 (24 V) |
| Certifications                         |                                                                                         |
| CE                                     | Yes                                                                                     |
| UKCA                                   | Yes                                                                                     |
| UL                                     | cULus E225616<br>Power conversion equipment                                             |
| Terminal block                         |                                                                                         |
| Note                                   | Label 3: COM 24 V<br>Coding C: 10<br>1-row<br>Locking mechanism: Click-and-lock system  |
| Number of pins                         | 2                                                                                       |
| Type of terminal block                 | Push-in spring connector                                                                |
| Cable type                             | Only copper wires (no aluminum wires!)                                                  |
| Coding                                 | C                                                                                       |
| Pitch                                  | 7.62 mm                                                                                 |
| Wire stripping length                  | 15 mm                                                                                   |
| Connection cross section               |                                                                                         |
| AWG wire                               | 24 to 8 AWG                                                                             |
| Wire end sleeves with plastic covering | 0.25 to 4 mm²                                                                           |
| Single-wire                            | 0.2 to 10 mm²                                                                           |
| Fine-stranded wires                    | 0.2 to 6 mm²                                                                            |
| With wire end sleeves                  | 0.25 to 6 mm²                                                                           |
| Electrical properties                  |                                                                                         |
| Nominal voltage                        | 1000 V (IEC) / 600 V (UL)                                                               |
| Nominal current                        | 41 A (IEC) / 35 A (UL)                                                                  |
| Mechanical properties                  |                                                                                         |
| Dimensions                             |                                                                                         |
| Width                                  | 15.2 mm                                                                                 |
| Height                                 | 19.8 mm                                                                                 |
| Depth                                  | 38.5 mm                                                                                 |
| Weight                                 | 10 g                                                                                    |

Table 2: 8TB3102.222C-20 - Technical data