

Extension Unit 22" PROFISAFE compatible with all IP65 fully enclosed 16:9 HMI/IPC devices. flexible configuration of control elements; 12 mounting positions; 12 control elements can be installed; PROFISAFE connection (control elements ordered separately)



Figure similar

| General information                                     |                                                                                |
|---------------------------------------------------------|--------------------------------------------------------------------------------|
| Product type designation                                | Extension Unit 22" PROFIsafe                                                   |
| Control elements                                        |                                                                                |
| With parameterizable keys                               | Yes                                                                            |
| Installation type/mounting                              |                                                                                |
| Mounting                                                | For mounting on a 16:9 HMI / IPC PRO device (lower part)                       |
| Mounting type                                           | Screwed joint                                                                  |
| Rack mounting                                           | No                                                                             |
| Front mounting                                          | No                                                                             |
| Number of slots for command devices and signaling units | 12                                                                             |
| RFID reader can be installed                            | Yes; SIMATIC RF200 Access Control Reader RF1060R                               |
| Supply voltage                                          |                                                                                |
| Type of supply voltage                                  | DC                                                                             |
| Rated value (DC)                                        | 24 V                                                                           |
| permissible range, lower limit (DC)                     | 19.2 V                                                                         |
| permissible range, upper limit (DC)                     | 28.8 V                                                                         |
| Input current                                           |                                                                                |
| Current consumption (rated value)                       | 150 mA; without load                                                           |
| Power                                                   |                                                                                |
| Active power input, typ.                                | 3 W; Additionally 0.1 W per control element with LED                           |
| Interfaces                                              |                                                                                |
| Number of industrial Ethernet interfaces                | 2; For the construction of lines and rings without external switch             |
| Number of PROFINET interfaces                           | 2; Incl. switch                                                                |
| Protocols                                               |                                                                                |
| PROFIsafe                                               | Yes; 1x SIL 2 (two-channel) or 2x SIL 3 (single-channel) emergency stop sensor |
| Test commissioning functions                            |                                                                                |
| Key and signal lamp test                                | Yes; automatically when switching on                                           |
| Degree and class of protection                          |                                                                                |
| IP (all-round)                                          | IP65                                                                           |
| NEMA (front)                                            |                                                                                |
| • Enclosure Type 4x at the front                        | Yes; All-round                                                                 |
| Standards, approvals, certificates                      |                                                                                |
| CE mark                                                 | Yes                                                                            |
| UL approval                                             | Yes                                                                            |
| cULus                                                   | Yes                                                                            |
| RCM (formerly C-TICK)                                   | Yes                                                                            |
| KC approval                                             | Yes                                                                            |
| Suitable for safety functions                           | Yes; e.g. installation of emergency stop                                       |

| Ambient conditions                                                                          |                                       |
|---------------------------------------------------------------------------------------------|---------------------------------------|
| Ambient temperature during operation                                                        |                                       |
| • min.                                                                                      | 0 °C                                  |
| • max.                                                                                      | 50 °C                                 |
| Ambient temperature during storage/transportation                                           |                                       |
| • min.                                                                                      | -20 °C                                |
| • max.                                                                                      | 60 °C                                 |
| Altitude during operation relating to sea level                                             |                                       |
| • Installation altitude above sea level, max.                                               | 2 000 m                               |
| Relative humidity                                                                           |                                       |
| • Operation, max.                                                                           | 90 %; no condensation                 |
| Mechanics/material                                                                          |                                       |
| Material                                                                                    |                                       |
| • Aluminum                                                                                  | Yes                                   |
| Enclosure material (front)                                                                  |                                       |
| • Aluminum                                                                                  | Yes; Knockout covered with black film |
| Dimensions                                                                                  |                                       |
| Width                                                                                       | 527 mm                                |
| Height                                                                                      | 99 mm                                 |
| Depth                                                                                       | 100.65 mm                             |
| Weights                                                                                     |                                       |
| Weight (without packaging)                                                                  | 2.8 kg                                |
| Scope of supply                                                                             |                                       |
| Delivery quantity in pieces                                                                 | 1                                     |
| Components included                                                                         | Power supply connector                |
| last modified:                                                                              |                                       |
| 8/23/2023  |                                       |