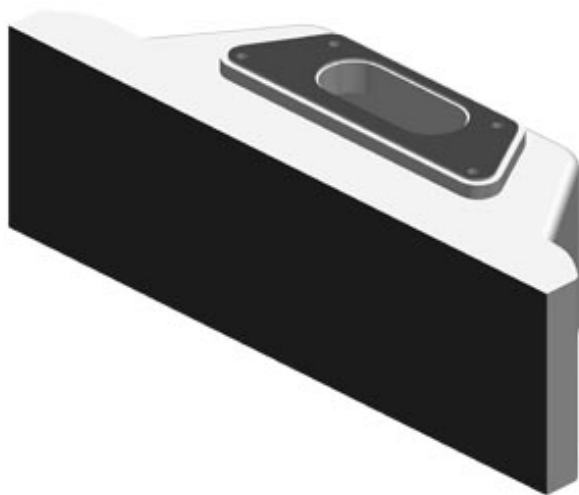


Extension Unit 12" PROFISAFE compatible with all IP65 fully enclosed 16:9 HMI/IPC devices. flexible configuration of control elements; 6 mounting positions; 6 control elements can be installed; PROFISAFE connection (control elements ordered separately)



| General information                                     |                                                          |
|---------------------------------------------------------|----------------------------------------------------------|
| Product type designation                                | Extension Unit 12" 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 | 6                                                        |
| 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                                                           |
| <b>Power</b>                                             |                                                                                |
| Active power input, typ.                                 | 3 W; Additionally 0.1 W per control element with LED                           |
| <b>Interfaces</b>                                        |                                                                                |
| Number of industrial Ethernet interfaces                 | 2; For the construction of lines and rings without external switch             |
| Number of PROFINET interfaces                            | 2; Incl. switch                                                                |
| <b>Protocols</b>                                         |                                                                                |
| PROFIsafe                                                | Yes; 1x SIL 2 (two-channel) or 2x SIL 3 (single-channel) emergency stop sensor |
| <b>Redundancy mode</b>                                   |                                                                                |
| • MRP                                                    | Yes                                                                            |
| <b>Test commissioning functions</b>                      |                                                                                |
| Key and signal lamp test                                 | Yes; Automatically when switching on                                           |
| <b>Degree and class of protection</b>                    |                                                                                |
| IP65 (all-round)                                         | Yes                                                                            |
| NEMA (front)                                             |                                                                                |
| • Enclosure Type 4x at the front                         | Yes; All-round                                                                 |
| <b>Standards, approvals, certificates</b>                |                                                                                |
| 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                                       |
| <b>Ambient conditions</b>                                |                                                                                |
| <b>Ambient temperature during operation</b>              |                                                                                |
| • min.                                                   | 0 °C                                                                           |
| • max.                                                   | 50 °C                                                                          |
| <b>Ambient temperature during storage/transportation</b> |                                                                                |
| • min.                                                   | -20 °C                                                                         |
| • max.                                                   | 60 °C                                                                          |
| <b>Altitude during operation relating to sea level</b>   |                                                                                |
| • Installation altitude above sea level, max.            | 2 000 m                                                                        |
| <b>Relative humidity</b>                                 |                                                                                |
| • Operation, max.                                        | 90 %; no condensation                                                          |
| <b>Mechanics/material</b>                                |                                                                                |
| <b>Material</b>                                          |                                                                                |
| • Aluminum                                               | Yes                                                                            |
| <b>Enclosure material (front)</b>                        |                                                                                |
| • Aluminum                                               | Yes; Knockout covered with black film                                          |

| Dimensions                  |                        |
|-----------------------------|------------------------|
| Width                       | 313 mm                 |
| Height                      | 99 mm                  |
| Depth                       | 100.65 mm              |
| Weights                     |                        |
| Weight without packaging    | 2.2 kg                 |
| Scope of supply             |                        |
| Delivery quantity in pieces | 1                      |
| Components included         | Power supply connector |
| <b>last modified:</b>       | 12/17/2019             |