

Extension unit 12" hardwired for mounting on all fully IP65-enclosed 16:9 HMI/IPC devices. For the flexible installation of operator controls, 6 mounting positions, 6 operator controls equippable; connection via hardwired connection (without equipment)



| General information                                                                                                 |                                                          |
|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Product type designation                                                                                            | Extension Unit 12" Hardwired                             |
| Control elements                                                                                                    |                                                          |
| Connection type                                                                                                     |                                                          |
| <ul style="list-style-type: none"> <li>• Connection type of the LED module</li> </ul>                               | 12-pin connector                                         |
| <ul style="list-style-type: none"> <li>• Connection type of the contacts of the control elements</li> </ul>         | 16-pin connector                                         |
| <ul style="list-style-type: none"> <li>• Connection type of the safety-related contacts (emergency stop)</li> </ul> | 8-pin connector                                          |
| 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                                                        |
| 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)                                                                                   | 10 mA                                                    |
| Power                                                                                                               |                                                          |
| Active power input, typ.                                                                                            | 0.1 W                                                    |
| Emitted active power                                                                                                | 5 W                                                      |
| Degree and class of protection                                                                                      |                                                          |
| IP65 (all-round)                                                                                                    | Yes                                                      |
| NEMA (front)                                                                                                        |                                                          |
| <ul style="list-style-type: none"> <li>• Enclosure Type 4 at the front</li> </ul>                                   | Yes                                                      |
| 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                                                                          |
| Cables                                            |                                                                                                |
| Cable length                                      | 30 m                                                                                           |
| Mechanics/material                                |                                                                                                |
| Material                                          |                                                                                                |
| • Aluminum                                        | Yes                                                                                            |
| Enclosure material (front)                        |                                                                                                |
| • 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                               | all connectors required for customer interfaces                                                |
| last modified:                                    | 12/18/2020  |