

Extension Unit 12" KP24 PN for mounting on all fully IP65-enclosed 16:9 HMI/IPC devices. Without free installation positions. Connection via PROFINET



| General information | |
|---|--|
| Product type designation | Extension Unit 12" KP24 PN |
| Control elements | |
| Version of actuating element | 2x Key Panel 12 |
| Operating principle of the actuating element | Tactile feedback |
| Functional lighting | Yes; Freely configurable colors: Red, green, blue, white, yellow |
| With parameterizable keys | Yes |
| Connection type | |
| <ul style="list-style-type: none"> Connection type of the safety-related contacts (emergency stop) | 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 | 0 |
| RFID reader can be installed | No |
| 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. | 3.6 W; Additional 2.6 W per KP12 |
| 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 | |
| PROFINET | Yes |
| Redundancy mode | |
| Media redundancy | |
| — MRP | Yes |
| Degree and class of protection | |
| IP (all-round) | IP65 |
| Standards, approvals, certificates | |
| CE mark | Yes |

| | |
|---|---|
| UL approval | Yes |
| cULus | Yes |
| RCM (formerly C-TICK) | Yes |
| KC approval | Yes |
| EAC (formerly Gost-R) | Yes; EAC |
| 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; Max. for emergency stop |
| 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 | Power supply connectors and 8-pole plug-in connectors for safety-related inputs |

last modified: 4/21/2021 