

Extension Unit 19" KP36 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 19" KP36 PN                                         |
| Control elements                                                                                                  |                                                                    |
| Version of actuating element                                                                                      | 3x 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"> <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                                                           | 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                                                                |
| CSA approval                                                                                                      | Yes                                                                |

|                               |                                          |
|-------------------------------|------------------------------------------|
| UL approval                   | 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  | 462 mm    |
| Height | 99 mm     |
| Depth  | 100.65 mm |

#### Weights

|                            |        |
|----------------------------|--------|
| Weight (without packaging) | 2.7 kg |
|----------------------------|--------|

#### Scope of supply

|                             |                                                                                 |
|-----------------------------|---------------------------------------------------------------------------------|
| Delivery quantity in pieces | 1                                                                               |
| Components included         | Power supply connectors and 8-pole plug-in connectors for safety-related inputs |

#### Classifications

|        | Version | Classification |
|--------|---------|----------------|
| eClass | 14      | 27-33-02-92    |
| eClass | 12      | 27-33-02-92    |
| eClass | 9.1     | 27-33-02-92    |
| eClass | 9       | 27-33-02-92    |
| eClass | 8       | 27-24-92-03    |
| eClass | 7.1     | 27-24-92-03    |
| eClass | 6       | 27-24-92-03    |
| ETIM   | 10      | EC002584       |
| ETIM   | 9       | EC002584       |
| ETIM   | 8       | EC002584       |
| ETIM   | 7       | EC002584       |
| IDEA   | 4       | 3552           |
| UNSPSC | 15      | 32-15-17-03    |

#### Approvals / Certificates

|                          |     |
|--------------------------|-----|
| General Product Approval | EMV |
|--------------------------|-----|

[Manufacturer Declaration](#)



[China RoHS](#)



[PROFINET](#)

#### Further information

Usable in the following products: Detailed information can be found in the cross-list, which is available for download in the following SIOS note: 40466415

<https://support.industry.siemens.com/cs/document/40466415/status-of-the-simatic-hmi-accessories-and-cross-list-update?dti=0&lc=en-WW>

last modified:

3/12/2024 