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## Data sheet 6AV7674-1LA42-0AA0

Extension unit 15" PROFINET for mounting on all fully IP65-enclosed 16:9 HMI/IPC devices. For the flexible installation of operator controls, 8 mounting positions, 8 operator controls equippable; Connection via PROFINET (without equipment)



| | |
|---|---|
| **General information** | |
| Product type designation | Extension Unit 15" PROFINET |
| **Control elements** | |
| With parameterizable keys | Yes |
| Connection type | |
| ● 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 | 8 |
| 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** | |
| PROFINET | Yes |
| Redundancy mode | |
| Media redundancy | |
| — MRP | Yes |
| **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 |


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| | |
|---|---|
| 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; Max. for emergency stop |
| **Mechanics/material** | |
| Material | |
| ● Aluminum | Yes |
| Enclosure material (front) | |
| ● Aluminum | Yes; Knockout covered with black film |
| **Dimensions** | |
| Width | 396 mm |
| Height | 99 mm |
| Depth | 100.65 mm |
| **Weights** | |
| Weight (without packaging) | 2.5 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 | 16 | 27-33-02-92 |
| 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**

China RoHS


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## General Product Approval

Manufacturer Declaration

## 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

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