SIEMENS

Data sheet

6AV7674-1LA31-0AA0

EXTENSION UNIT 12" HARDWIRED 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; HARDWIRED CONNECTION (CONTROL ELEMENTS ORDERED SEPARATELY)



General information	
Product type designation	Extension Unit 12" Hardwired
Control elements	
Connection type	
Connection type of the LED module	12-pin connector
 Connection type of the contacts of the control elements 	16-pin connector
 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	6
Supply voltage	
Type of supply voltage	DC

Rated value (DC) permissible range, lower limit (DC) permissible range, upper limit (DC) 28.8 V Input current Current consumption (rated value) Output current per output 500 mA; max. Power Active power input, typ. Emitted active power Degree and class of protection IP65 (all-round) Enclosure Type 4 at the front Standards, approvals, certificates CE mark Ves UL approval CULus Pes RCM (formerly C-TICK) Yes KC approval Yes 19.2 V 19.2 V 19.2 V 10.1 V 10 mA; without load 10 mA; without load
permissible range, upper limit (DC) Input current Current consumption (rated value) Output current per output 500 mA; max. Power Active power input, typ. Emitted active power Degree and class of protection IP65 (all-round) Enclosure Type 4 at the front Yes Standards, approvals, certificates CE mark UL approval cULus RCM (formerly C-TICK) 28.8 V 10 mA; without load
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Output current per output 500 mA; max. Power Active power input, typ. 0.1 W Emitted active power 5 W Degree and class of protection IP65 (all-round) Yes Enclosure Type 4 at the front Yes Standards, approvals, certificates CE mark Yes UL approval Yes cULus Yes RCM (formerly C-TICK)
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Standards, approvals, certificates CE mark UL approval CULus Pes RCM (formerly C-TICK) Yes Yes
CE mark UL approval CULus PCM (formerly C-TICK) Yes Yes
UL approval CULus RCM (formerly C-TICK) Yes Yes
CULus Yes RCM (formerly C-TICK) 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
● min20 °C
● max. 60 °C
Air pressure acc. to IEC 60068-2-13
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
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Weights	
Weight without packaging	2.2 kg
Scope of supply	
Delivery quantity in pieces	1
Components included	All connectors required for customer interfaces
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