## SIEMENS

## Data sheet

## 6AV2185-8EE08-0AA0

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> <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	
<ul> <li>Installation altitude above sea level, max.</li> </ul>	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
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