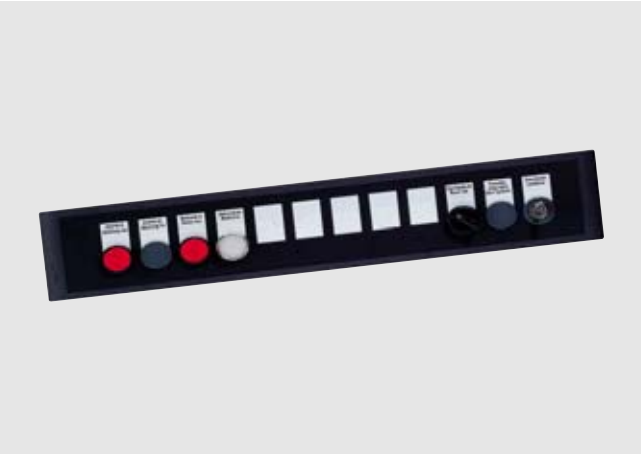
Overview



The expansion panel is used for the installation of up to 12 additional control elements, e.g. pushbuttons, signaling lights and key switches as an expansion to a pushbutton panel or a machine control panel.

The PP012 design variant provides rounded edges for a uniform design with the new SINUMERIK operator panels. Clamp-mounting facilitates installation.

Design

The panel is 19" wide, and can accommodate up to twelve 22 mm (0.87 in) control elements of any type.

The 12 slots are pre-punched and can be easily broken out as required. Panels with customized complements can be provided on request.

Inscriptions are made on 2 slide-in labels which are inserted from the rear.

The panel is available as a PP031 design or as PP012 design:

- PP 031 expansion with screw mounting
- PP 012 expansion with clamp mounting and rounded edges

When used in connection with the pushbutton panel and the optional expansion card 12 DI/12 DO, the customized control elements can be connected to the expansion card and via opto-coupler to the base electronics of the pushbutton panel.

Technical specifications

Order No.	6FC5247-0AA43-1AA0	6FC5247-0AA43-0AA0
Product name	Expansion panel in PP 012 design	Expansion panel in PP 031 design
Weight, approx.	0.5 kg (1.10 lb)	
Dimensions		
• Width	483 mm (19.02 in)	
• Height	95 mm (3.74 in)	
• Depth	30 mm (1.18 in)	
Panel cutout		
• Width	451 mm (17.76 in)	452.8 mm (17.83 in)
• Height	77.6 mm (3.06 in)	65.4 mm (2.57 in)

Selection and Ordering Data

Designation	Order No.
Expansion panel in PP 031 design Mounting using screws width 19" with 12 slots	**6FC5247-0AA43-0AA0**
Expansion panel in PP 012 design Mounting using clamps width 19" with 12 slots	**6FC5247-0AA43-1AA0**
Expansion card (for PP 012 or PP 031 only) for 12 digital inputs and 12 digital outputs	**6FC5247-0AA42-0AA0**