SIMATIC HMI MOBILE PANELS

Product Data Sheet

6AV2125-2AE03-0AX0

Compact Connection Box for Mobile Panels

RATED SUPPLY	RATED CONSUMPTION	POWER CONSUMPTION	INPUT INRUSH ENERGY
24 V DC; permissible 19.2 to 28.8 V	**18 mA**	**0.43 W**	**0.003 A2s**

Siemens 6AV2125-2AE03-0AX0 is the compact connection box for the supported SIMATIC HMI Mobile Panel arrangement. It is designed for installation in a cabinet and provides the documented network and operator-control connections. The nominal supply is 24 V DC, with a 19.2 to 28.8 V operating range, 18 mA consumption and 0.43 W power demand.

01 TECHNICAL DATA

Rated supply	24 V DC; permissible 19.2 to 28.8 V
Rated consumption	18 mA
Power consumption	0.43 W
Input inrush energy	0.003 A2s
Industrial Ethernet connections	2
Integrated Ethernet switch	No
PROFINET connections	2
Monitored controls	STOP / emergency stop / enabling button
Operating ambient	0 to 55 degrees C
Maximum relative humidity	90%

Siemens 6AV2125-2AE03-0AX0 manufacturer technical data; applicable specification pages.

02 ADDITIONAL PRODUCT DATA

Front material	Plastic

03 PRODUCT FUNCTION

The compact box has two Industrial Ethernet/PROFINET connections but no integrated Ethernet switch. STOP, emergency-stop and enabling-button circuits are supported through the applicable wiring configuration. Unplugging behavior differs between hardwired and PROFIsafe arrangements; those connection variants must be designed using the corresponding Siemens instructions. The box is specified for 0 to 55 degrees C and up to 90% relative humidity.

04 SYSTEM COMPATIBILITY

Wire the network connections using the Mobile Panel connection-box diagram. Two Ethernet/PROFINET connections do not mean that the box contains an active two-port Ethernet switch. Coordinate the panel, connecting cable and controller configuration so that the selected network path matches the actual hardware.

05 REFERENCE

Siemens 6AV2125-2AE03-0AX0 manufacturer technical data; applicable specification pages.

AMIKON PRODUCT SUPPORT

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