SIMATIC HMI MOBILE PANELS

Product Data Sheet

6AV2125-2AE13-0AX0

Standard mobile-panel connection box

RATED SUPPLY	SUPPLY RANGE	MAXIMUM CURRENT	POWER CONSUMPTION
24 V DC	**19.2 to 28.8 V DC**	**96 mA**	**2.3 W**

Siemens 6AV2125-2AE13-0AX0 is the Standard connection box for compatible SIMATIC HMI Mobile Panels. It provides a defined panel connection point with an integrated PROFINET/PROFIsafe switching arrangement and connection-point recognition.

01 TECHNICAL DATA

Rated supply	24 V DC
Supply range	19.2 to 28.8 V DC
Maximum current	96 mA
Power consumption	2.3 W
Inrush I-squared-t	0.15 A²s
Industrial Ethernet ports	3
Integrated switch	PROFINET/PROFIsafe
Connection-point recognition	Supported
Degree of protection	IP65
Operating temperature	0 to 55 °C

02 ADDITIONAL PRODUCT DATA

Maximum relative humidity	90%
Maximum SIL	3
Maximum performance level	PL e

03 PRODUCT FUNCTION

The enclosure operates from 24 V DC and provides three Industrial Ethernet interfaces. Its IP65 construction is intended for the specified installed connection arrangement, while achievable safety performance up to SIL 3 and PL e depends on the complete mobile-panel safety configuration.

04 SYSTEM COMPATIBILITY

Connect a 19.2–28.8 V DC supply and the PROFINET network according to the connection-box instructions. The integrated switch provides three Industrial Ethernet interfaces; the network topology must preserve the intended panel communication.

05 REFERENCE

Siemens 6AV2125-2AE13-0AX0 technical data and applicable product instructions

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