

SIMATIC HMI CONNECTION BOX ADVANCED

Product Data Sheet

6AV2125-2AE23-0AX0

Advanced Mobile Panel Connection Box

NOMINAL SUPPLY	ALLOWED VOLTAGE RANGE	MAXIMUM SUPPLY TRANSIENT	TRANSIENT RECURRENCE INTERVAL
24 V DC	19.2 to 28.8 V DC	35 V for 500 ms	50 s minimum

Siemens 6AV2125-2AE23-0AX0 is a advanced mobile panel connection box in the SIMATIC HMI Connection Box Advanced range. It is intended for compatible industrial automation projects requiring the documented mobile operator-panel and safety-circuit connections.

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VERIFIED TECHNICAL DATA

Nominal supply	24 V DC
Allowed voltage range	19.2 to 28.8 V DC
Maximum supply transient	35 V for 500 ms
Transient recurrence interval	50 s minimum
Typical unloaded current	100 mA
Maximum unloaded continuous current	150 mA
Maximum loaded continuous current	750 mA
Internal supply protection	Electronic fuse
Ethernet port allocation	3 ports
Enabling-circuit current	10 to 300 mA at 24 V DC

ADDITIONAL PRODUCT DATA

Stop-circuit current	10 to 500 mA at 24 V DC
PLC connecting cable limit	30 m
PLC accompanying signal load	Below 100 mA
Supply recovery time	1 s minimum
Enclosure protection	IP65 with unused glands capped

DOCUMENTED USE SETTINGS

Automotive Manufacturing and Vehicle Component Production: Automotive Manufacturing Process Control.

Metal Production and Industrial Materials Processing: Steel Rolling Process Control.

Manufacturing and Industrial Component Production Processes: Manufacturing Production Process Control.

SYSTEM COMPATIBILITY

Integrate 6AV2125-2AE23-0AX0 only in the documented SIMATIC HMI Connection Box Advanced configuration. Match the installed interfaces and the engineered application before selecting this advanced mobile panel connection box.

PRODUCT EVIDENCE

Siemens 6AV2125-2AE23-0AX0 official product technical data, applicable pages 5, 18, 19, 211, 216, 217, 218

AMIKON PRODUCT SUPPORT

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