SIEMENS

Data sheet 6AV2181-5AL50-0AX0

power supply unit, external, for Mobile Panel IWLAN IT, including non-heating appliance cable for Italy, scope of supply: 1 power supply unit, 1 IEC cable



General information	
Product type designation	External power supply unit
Supply voltage	
Type of supply voltage	AC
Rated value (AC)	100 - 240 V AC
Input current	
Current consumption (rated value)	1.4 A; 50 - 60 Hz
Output voltage	
Rated value (DC)	12 V
Output current	
Current output (rated value)	5 A
Power	
Emitted active power	60 W; max.
EMC	
Emission of radio interference acc. to EN 55 011	
● Limit class A, for use in industrial areas	Yes; EN61000-4-2,3,4,5,6,8,11 light industry level
Standards, approvals, certificates	
CE mark	Yes; UL 69950, TÜV EN 600950-1, BSMI CNS14336, CCC GB4942 approved
CCC	Yes
Ambient conditions	
Ambient temperature during operation	
● min.	-10 °C
● max.	50 °C
Ambient temperature during storage/transportation	
● min.	-20 °C
● max.	85 °C
Relative humidity	
● Operation, max.	90 %
Cables	
Cable length	
● Input side	3 m
● Output side	0.9 m
Color of cable sheath	Black
Connection method	
Connector type	Connector 5.5 mm jack (-) / 2.1 mm pin (+) 12 V DC
Mechanics/material	
Material	
● plastic	Yes

Subject to change without notice
© Copyright Siemens

Color	Black
Dimensions	
Width	125 mm
Height	50 mm
Thickness	31.5 mm
Weights	
Weight (without packaging)	520 g
Weight (with packaging)	705 g
Scope of supply	
Delivery quantity in pieces	1; Incl. AC and DC connecting cable
• Parts per unit	1; AC cable for IT
Other	
Merchandise	Yes
Manufacturer name	SIEMENS AG
Manufacturer's address	Gleiwitzerstraße 555, 90475 Nuremberg, Germany
Target devices	for Mobile Panel IWLAN

Classifications

	Version	Classification
eClass	16	27-33-02-92
eClass	14	27-33-02-92
eClass	12	27-33-02-92
eClass	9.1	27-33-02-92
eClass	9	27-33-02-92
eClass	8	27-24-92-03
eClass	7.1	27-24-92-03
eClass	6	27-24-92-03
ETIM	10	EC002584
ETIM	9	EC002584
ETIM	8	EC002584
ETIM	7	EC002584
IDEA	4	3552
UNSPSC	15	32-15-17-03

Approvals / Certificates

General Product Approval

EAC

Further information

Usable in the following products: Detailed information can be found in the cross-list, which is available for download in the following SIOS note: 40466415
https://support.industry.siemens.com/cs/document/40466415/status-of-the-simatic-hmi-accessories-and-cross-list-update?dti=0&lc=en-WW

last modified: 3/13/2026

Subject to change without notice
© Copyright Siemens