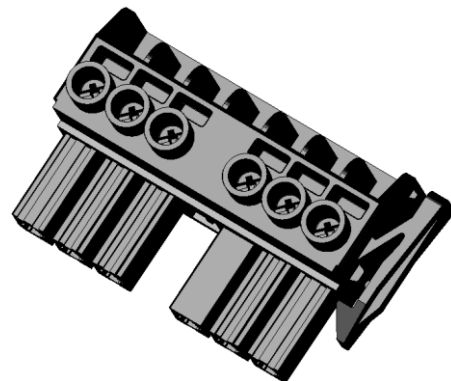


381167631	DATA SHEET	
Valid from: 11.07.2025	EPIC® S120 POWER CONNECTOR	

Description

- EPIC® S120 POWER CONNECTOR for new Siemens controller generation



General

Series	S120 POWER CONNECTOR
Version	Socket, flat contacts
Pin configuration	5+PE
Rated voltage, VDE in V	630 V AC
Rated voltage, UL in V	600 V AC
Rated impulse voltage	6 kV
Rated current in A	30 A (for conductor cross-section 6.0 mm ²)
Contact resistance	< 4 mOhm
Contact resistance PE contact	< 4 mOhm
Contact	Stamped and bent contacts for 1.0 – 2.5 mm ² conductor cross-section Screw contacts for 1.5 – 6.0 mm ² conductor cross-section
Number of contacts	6 (5+PE)
Cable connection	Crimp connection: Stamped-bend contacts for 1.0 – 2.5 mm ² conductor cross-section Screw connection: Contacts for 1.5 – 6.0 mm ² conductor cross-section
Mating cycles	50
Temperature	-20°C to +130°C
Degree of contamination	2
Overvoltage category	III

Materials and surfaces

Contact carrier, insulating body	PA
Contacts	Copper alloy

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Industrial machinery and plant engineering



Mechanical resistance



Robust



Waterproof



Good chemical resistance



Corrosion resistant



Maximum vibration protection



Short installation time



Space requirement



Wind energy

Note

The photographs are not to scale and do not represent detailed illustrations of the respective products.

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