

381167631	DATA SHEET	
Valid from: 29.09.2026	EPIC® S 120 POWER CONNECTOR	

Description

- Output interface of SIMATIC Motion Control units to supply servo motors



General Characteristics

Series	S120 POWER
Version	Snap-in connector, for socket contacts
Pin configuration	5+PE
Rated voltage	1000 V
Rated impulse voltage	8 kV
Rated current	30 A (for conductor cross-section 6.0 mm ²)
Contact resistance	< 4 mΩ
Contacts included	please see table below
Number of contacts	6 (5+PE)
Termination methods	Screw termination: 0.5 – 6.0 mm ²
Protection rating	IP 20
Mating cycles	50
Temperature range	-20°C to +100°C
Pollution degree	2
Over Voltage Category	III

Materials and Surfaces

Screw contacts	Lead-free Brass, tin-plated
Fastening screws	Steel, zinc-plated
Insulation body	PA

Approvals

UL-File-Number	In preparation
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Standard

Safety Standard	IEC 61984 UL 1977 (In preparation)
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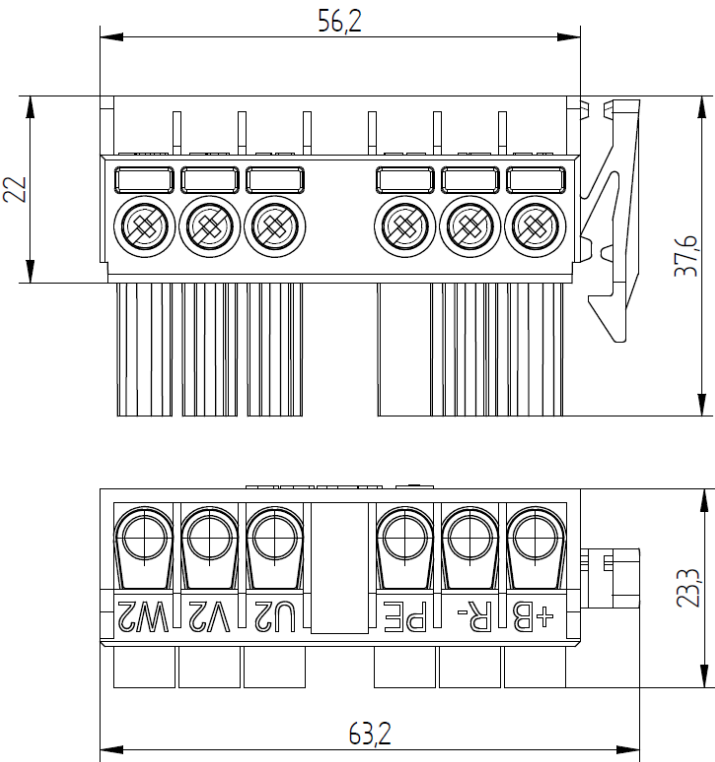
Product Variation

Article number	Article description	Contacts included	Package unit [pc]
381167631	EPIC S120 POWER CONNECTOR SCREW (1)	SCREW CONTACTS	1
381167832	EPIC S120 POWER CONNECTOR SCREW	SCREW CONTACTS	20

Creator: TODV1/BU EPIC Released: IVSE1/BU EPIC	Document: DB381167631EN Version: 01	Page 1 of 2
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Technical Drawings



Industrial machinery and plant engineering



Assembly time



Space requirement

Info

Robust power supply connector
Straight cable entry into the contacts

Application range

Machine and equipment manufacturing

Remark

Photographs are not to scale and do not represent detailed images of the respective products.

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