

## MDB-16 Distribution block connectable



- △ According IEC-60947-7-1
- △ Connectable distribution block
- △ High filling rate up to 12 connections each pole
- △ Including connection covers
- △ Direct mounting or DIN-rail mounting
- △ 690V / 320A

### General information

The SEP MDB-16 power distribution block can be used as direct mounting solution on a MCCB or an main-switch. The MDB-16 is mainly used to establish the distribution of circuits inside a distribution-control panel. Each pole can be wired individually or combined as a full block. The high filling rate and wire size possibility of each pole makes it a time saving product.

### MDB-16 – distribution block



Current	Voltage	Poles	Article no.	Type	EAN code	Pack.
320A	690V	1p	2112200160	MDB-16	8718959025310	4 / 64



### Certification marks



### General parameters

Electrical equipment should be installed, operated, serviced and maintained only by qualified personnel. No responsibility is assumed for any consequences arising out of the use of this material

### Electrical parameters

Tested according	IEC-60947-7-1
Poles	1
Connections	12 (each pole)
Rated voltage	Ue 690V AC
Rated current	Ie 320A at 40°C
Rated short current	Icw 8,5kA (1 sec)
Peak current	Ipk 30kA
Impulse withstand	Uimp 8kV
Operation temperature	-25°C + 55°C
Connection cover	Yes
Isolation material	Thermoplastic
Flammability class	V0

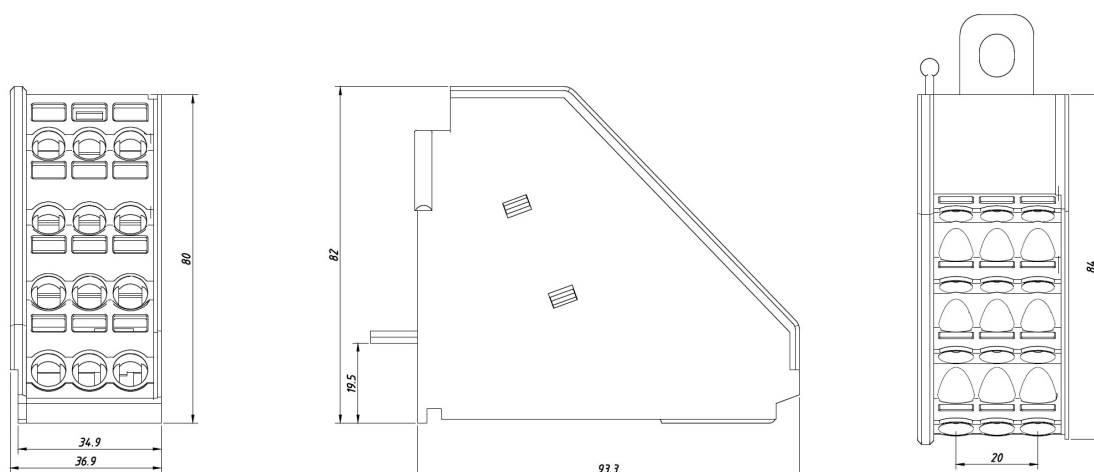
### Mechanical parameters

Width	145 mm
Height	85 mm
Depth	120 mm
Mounting	Easy fastening onto 35mm device rail (DIN)
Direct mounting	Feed in terminal 120mm²
Degree of protection	IPxx
Minimum cross section solid	4 mm²
Maximum cross section solid	16 mm²
Minimum cross section stranded	4 mm²
Maximum cross section stranded	16 mm²
Torque	4 Nm
Terminals	Screw
Storage temperature	-25°C + 70°C
Overvoltage category	III
Pollution degree	3
Weight	0,946 kg

### Derating on ambient temperature

Temperature	30°C	35°C	40°C	45°C	50°C	55°C	60°C	65°C	70°C	75°C
Coefficient (d)	1	1	1	0,94	0,88	0,82	0,75	0,67	0,58	0,47

## MDB-16 - Dimension drawings



MDB-16