



- Increased voltage
- Large cross section
- With or without mounting rail

The continuous demand for increased nominal insulation voltage and current carrying capacity in Ex e terminals made us develop these larger BARTEC terminal blocks. Terminals for 4 mm² and 16 mm² conductors are available in 2- and 3-pole versions. Terminals for 35 mm² conductors are available in a 3-pole version. The terminals can be fitted directly onto a metal base or onto a 10 x 5 mm mounting rail.

Explosion protection

Marking ATEX	II 2G Ex eb IIC Gb I M2 Ex eb I Mb
Certification	EPS 17 ATEX 1 041 U
Marking IECEx	Ex eb IIC Gb Ex eb I Mb
Certification	IECEx EPS 17.0026 U
Other approvals and certificates, see www.bartec.de	
Min. ambient temperature	-55 °C
Max. operating temperature	+105 °C

Technical data

Nominal voltage	1100 V
Bridge	Jumper bar, 2-pole up to 5-pole
Labelling	2 labels per pole
Mounting	BARTEC mounting rail or base of enclosure
Material	Insulation: Duroplast Terminal (4 mm ² /16 mm ²): Copper alloy Terminal (35 mm ²): Galvanised steel

Rating cross section

	4 mm ²	16 mm ²	35 mm ²
Conductor cross section			
stranded	0.5 mm ²	0.5 mm ²	2.5 mm ²
single and multi wire	up to 4.0 mm ²	up to 16 mm ²	up to 35 mm ²
Max. current carrying capacity at ambient temp. +40 °C and conductor cross section	30 A	72 A	120 A
Weight			
2-pole	44 g	68 g	-
3-pole	68 g	104 g	285 g
Spacing	20 mm	20 mm	28 mm
Tightening torque of clamp screw	0.8 Nm	2.0 Nm	3.5 Nm

Ordering information

Illustration	Designation	Order no.
	Terminal block, 4 mm ² , 2-pole	07-9721-0240
	Terminal block, 16 mm ² , 2-pole	07-9721-0260
	Terminal block, 35 mm ² , 3-pole	07-9721-0380
	Rotation stop for floor mounting required when a single 2-pole terminal is mounted	05-0010-0004
	Rail 5 x 10 mm, spacing 20	on request
	Rail 5 x 10 mm, spacing 28	on request

Ordering information

Illustration	Designation	Order no.
	Terminal block, 4 mm ² , 3-pole	07-9721-0340
	Terminal block, 16 mm ² , 3-pole	07-9721-0360
	Jumper bar, factory mounted, 4 mm ² 2-pole 3-pole 4-pole 5-pole Jumper bar, factory mounted, 16 mm ² 2-pole 3-pole 4-pole 5-pole Jumper bar, factory mounted, 35 mm ² 2-pole 3-pole 4-pole 5-pole	05-0110-0005 05-0110-0006 05-0110-0011 05-0110-0012 05-0110-0007 05-0110-0008 05-0110-0009 05-0110-0010 05-0110-0013 05-0110-0014 05-0110-0015 05-0110-0016
Similar to DIN EN ISO 1207 (DIN 84)	Fixing screw, M 4 x 10 mm for the insulator	03-1040-0001
	Circlip S4 as securing element for fastening screw	03-3540-0001
	Labels not printed printed as per column 1 (1 - 10, 11 - 20) printed as per column 2 (1 - 50) printed, L1, L2, L3, N, PE printed to customer specifications 1 unit = 50 Labels	03-3600-0007 03-3600-0011 03-3600-0001 03-3600-0012 03-3600-0013

Technical data subject to change without notice.