



Terminal block

Features

- Compact design
- Low profile
- Bridging is possible
- Base or rail mounting

Explosion protection

Ex protection type

- II 2G Ex e II
- I M2 Ex e I

Certification

- PTB 01 ATEX 1049 U (Type 07-9721-..4....)
- PTB 01 ATEX 1050 U (Type 07-9721-..6....)
- PTB 01 ATEX 1051 U (Type 07-9721-..8....)
- Ex e II, IECEx PTB 07.0037U

Min. ambient temperature

-55 °C

Max. operating temperature

+105 °C

Description

The continuous demand for increased nominal insulation voltage and current carrying capacity in Ex e terminals made us 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.

Technical data

Nominal insulation voltage

1000 V according to DIN EN 60079-7

Nominal voltage

1100 V

Bridge

Jumper bar, 2- up to 5-pole

Labelling

2 labels per pole

Mounting

BARTEC mounting rail or base of enclosure

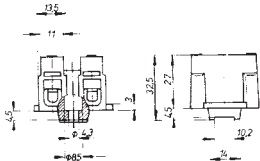
Material

Insulation	Duroplast
Terminal	
4 mm ² /16 mm ²	copper alloy
35 mm ²	galvanised steel

Rating cross section	4 mm ²	16 mm ²	35 mm ²
Conductor cross section			
stranded	1 mm ²	1.5 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	30 A	72 A	120 A
at ambient temp. +40 °C and conductor cross section	4 mm ²	16 mm ²	35 mm ²
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

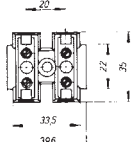


Selection chart



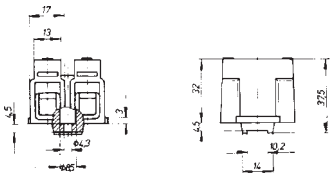
Terminal block
4 mm², 2-pole

➔ **Order no.**
07-9721-0240



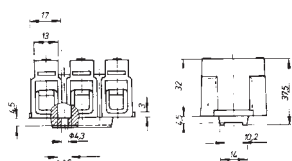
Terminal block
4 mm², 3-pole

➔ **Order no.**
07-9721-0340



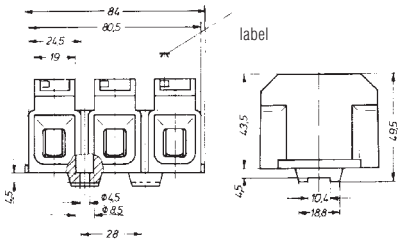
Terminal block
16 mm², 2-pole

07-9721-0260



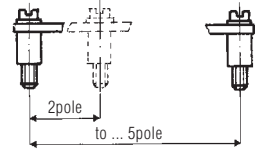
Terminal block
16 mm², 3-pole

07-9721-0360



Terminal block
35 mm², 3-pole

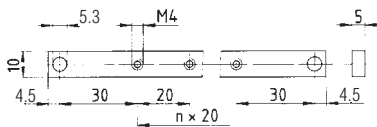
07-9721-0380



Jumper bar factory mounted	4 mm²	16 mm²	35 mm²
2-pole	05-0110-0005	05-0110-0007	05-0110-0013
3-pole	05-0110-0006	05-0110-0008	05-0110-0014
4-pole	05-0110-0011	05-0110-0009	05-0110-0015
5-pole	05-0110-0012	05-0110-0010	05-0110-0016

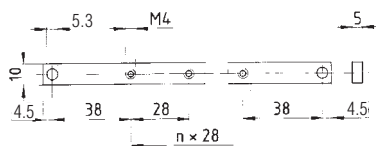
Rotation stop for floor mounting
required when a single 2-pole terminal is mounted

05-0010-0004



Rail 5 x 10 mm spacing 20

on request



Rail 5 x 10 mm spacing 28

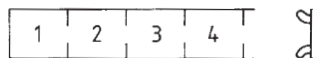
on request

Similar to DIN EN ISO 1207 **Fixing screw** **M 4 x 10 mm** for the insulator (DIN 84)

03-1040-0001

DIN 127 **Spring washer B 4**

03-3140-0001



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

03-3600-0007
03-3600-0011
03-3600-0001
03-3600-0012
03-3600-0013

1 unit = 50 Labels