

## Datasheet

Item No. 25.741.3253.0

### Printed circuit board terminal 8185 / 2 TOP H

PCB terminal block, pitch 5,00 mm, 2 pole, 250 V 16 A, screw connection 2,5 mm<sup>2</sup> and wire lead horizontal to the PCB, 2 solder pins per pole, colour grey, without marking, series: 8185/ 2 TOP H



Item No.	25.741.3253.0
EAN	4015573414723
order unit	100 Piece(s)

### Approvals



### Technical data

#### General

Modular spacing	5 mm
-----------------	------

#### Connection Data

Connection type	Screw connection
-----------------	------------------

#### General

Soldering process	Wave soldering
Number of poles	2
Conductor to circuit board	180°
Number of levels	1
Integrated test socket	No
Insulation plate	No
Retaining pins	No
Marking	No

#### Technical data

Nominal cross section	2.5 mm <sup>2</sup>
Rated current	16 A
Rated current auxiliary power	1000 V
Rated voltage auxiliary power	690 V
Rated voltage VG3	250
Rated impulse voltage	4

#### Connection Data

Wire strip length	9 mm
Minimum cross section solid	0.14 mm <sup>2</sup>
Maximum cross section solid	4 mm <sup>2</sup>
Minimum cross section fine stranded	0.14 mm <sup>2</sup>
Maximum cross section fine stranded	2.5 mm <sup>2</sup>

**Technical Data UL/CSA**

Cross section UL	22-12 AWG
Voltage UL	300
Current field wiring	20 A
Current factory wiring	25 A
Cross section CSA	22-12 AWG
Voltage CSA	300 V
Current CSA	20 A

**Other**

Type of insulation material	Thermoplastic
Colour	Grey
Height	20.5 mm
Length	12.5 mm
Depth	18.5 mm
Material attachment screw	Steel
Material contact base	E-Cu
Material contact surface	Sn
Tightening torque note	If soldered additional mechanical fixing necessary