

## Data sheet

Commercial Art.No.: 25.741.0453.0

Printed circuit board terminal 8185 / 4 TOP V

PCB terminal with front/top screw connection, 4 poles, printed version, with solder pin (3.5mm), max. cross section: 2.5 mm<sup>2</sup>, pitch: 5 mm, type of packing: carton, color: grey



Commercial Art.No.	25.741.0453.0
EAN	4015573414686
Order Unit	50

Certificates / Approvals



## Technical data

### General

Modular spacing	5 mm
Connection type	screw connection
Soldering process	Wave soldering
Packaging	Carton
Number of poles	4
Conductor to circuit board	90°
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
Overvoltage Category I	1000 V
Overvoltage Category II	690 V
Overvoltage Category III	250 V
Rated impulse voltage	4 kV
Wire strip length	9 mm

### Connection Data

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>
Wire strip length	9 mm

**Technical Data UL/CSA**

Cross section UL	22-12 AWG
Voltage UL	300 V
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
Color	Grey
Height	20.5 mm
Length	22.5 mm
Depth	18.5 mm
Material attachment screw	Steel
Material contact base	E-Cu
Material contact surface	Sn

**Classification**

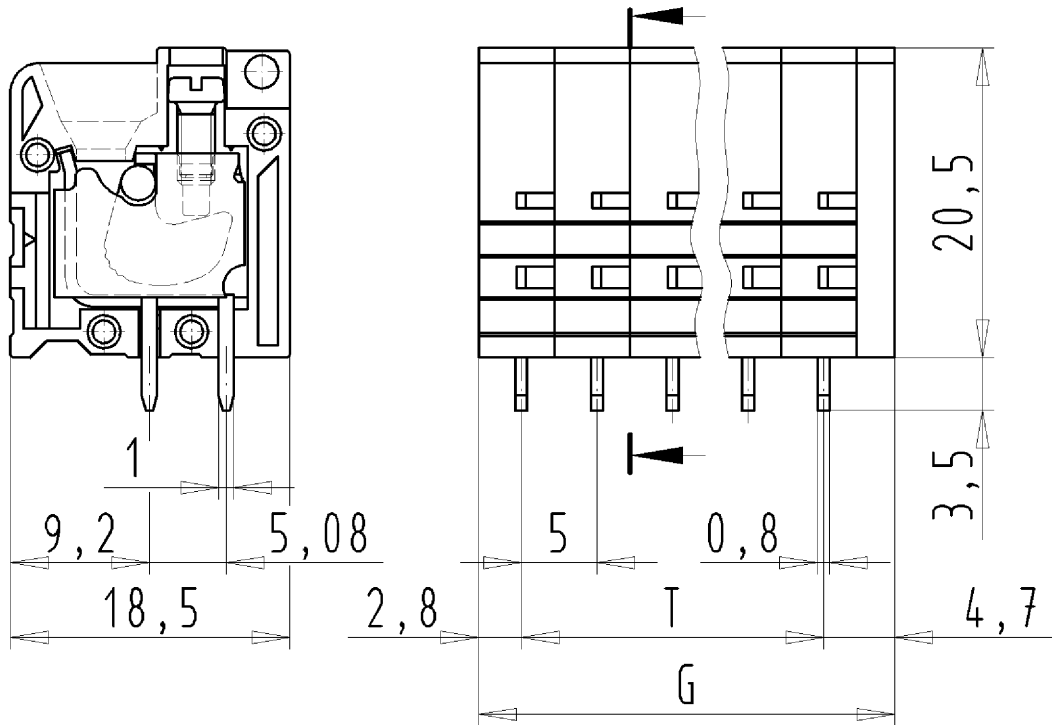
ECLASS 11	
ECLASS 8.1	27440401
ETIM 7.0	EC002643
ETIM 6.0	EC002643
ETIM 5.0	EC002643
ETIM 4.0	EC002643

**Product compliance**

ROHS conformity status	Compliant
REACH-SVHC conformity status	Compliant

**Fits with**

Commercial Art.No.:	Article-type description:	Description:
07.300.4753.0	End plate AP 8185 TOP N	



für folgende Tabellen-Zchnng.  
 25.741.0253.0 8185/.. TOP V

LP.KLEMME  
 25.741.0253.0 10W  
 16.10.2007 DÜT  
 M 2:1

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet. Die Reproduktion, Distribution und Utilization of this document as well as the communication of its contents to others without express authorization is prohibited.