

## Data sheet

Commercial Art.No.: 25.161.2853.0

Printed circuit board terminal 8191 / 2 W VL OB

PCB terminal with screw connection with rising cage clamp system, 2 poles, 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.	25.161.2853.0
EAN	4015573395718
Order Unit	100

Certificates / Approvals



## Technical data

### General

Modular spacing	5 mm
Connection type	screw connection
Soldering process	Wave soldering
Packaging	Carton
Number of poles	2
Conductor to circuit board	180°
Number of levels	1
Integrated test socket	yes
Insulation plate	No
Retaining pins	No
Marking	No

### Technical data

Nominal cross section	2.5 mm <sup>2</sup>
Rated current	16 A
Overtoltage Category I	1000 V
Overtoltage Category II	690 V
Overtoltage Category III	250 V
Rated impulse voltage	4 kV
Wire strip length	6.5 mm

### Connection Data

Minimum cross section solid	0.14 mm <sup>2</sup>
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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	6.5 mm

**Technical Data UL/CSA**

Cross section UL	22-12 AWG
Voltage UL	300 V
Current field wiring	20 A
Current factory wiring	30 A
Cross section CSA	22-12 AWG
Voltage CSA	300 V
Current CSA	25 A

**Other**

Type of insulation material	Thermoplastic
Color	Grey
Height	9.5 mm
Length	10.85 mm
Depth	16 mm
Material attachment screw	Steel
Material contact base	E-Cu
Material contact surface	Sn
Tightening torque note	If soldered additional mechanical fixing necessary

**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/Exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1