

## Data sheet

Commercial Art.No.: 25.178.7253.0

printed circuit board terminal 8191 E / 2 / 4 Z OB

PCB terminal with screw connection with rising cage clamp system, 2 poles, with insulating plate, with solder pin (3.5mm), max. cross section: 2.5 mm<sup>2</sup>, pitch: 5 mm, type of packing: carton, color: grey



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	180°
number of levels	2
integrated test socket	yes
insulation plate	yes
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	6.5 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	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	28.5 mm
length	13.05 mm
depth	21.5 mm
material attachment screw	steel
material contact base	E-Cu
material contact surface	Sn
tightening moment	0.5 Nm

**note**

note	with wire H05V...
------	-------------------

**classification**

ECLASS 11	
ECLASS 8.1	27440401
ETIM 9.0	EC002643
ETIM 8.0	EC002643
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