

Data sheet

Commercial Art.No.: 25.178.7353.0

printed circuit board terminal 8191 E / 3 / 6 Z OB

PCB terminal with screw connection with rising cage clamp system, 3 poles, with insulating plate, with solder pin (3.5mm), max. cross section: 2.5 mm², 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	6
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 ²
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 ²
maximum cross section solid	4 mm ²
minimum cross section fine stranded	0.14 mm ²

maximum cross section fine stranded	2.5 mm ²
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	18.05 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...
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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