

Datasheet

Art.No. 25.166.3353.0

Printed circuit board terminal 8491 / 3 Z

PCB Terminal Block, 3-pole, with marking, with insulation plate, without location cam, pitch 7,62 mm, series: 8491/3 Z



Art.No.	25.166.3353.0
EAN	4015573177185
Order unit	100 pieces

Approvals



Technical data

General

Modular spacing	7.62 mm
Connection type	Screw connection
Soldering process	Wave soldering
Packaging	Carton
Number of poles	3
Conductor to circuit board	90°
Number of levels	1
Integrated test socket	Yes
Insulation plate	Yes
Retaining pins	No
Marking	Yes

Technical data

Nominal cross section	2.5 mm²
Rated current	16 A
Overvoltage Category I	1000 V
Overvoltage Category II	1000 V
Overvoltage Category III	400 V
Rated impulse voltage	6 kV
Wire strip length	6.5 mm

Connection Data

Minimum cross section solid	0.14 mm²
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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
Colour	Grey
Height	16 mm
Length	23.71 mm
Depth	9.5 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 8.1	27440401: Printed circuit board terminal
ETIM 6.0	: EC002643
ETIM 5.0	EC002643: Printed circuit board terminal
ETIM 4.0	EC002643: Printed circuit board terminal