

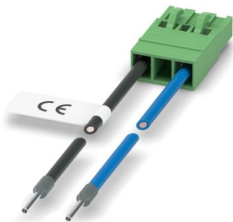
MSTBC 2,5/AI8/ 3P13L40SMGW - Assembled PCB connectors



1271594

<https://www.phoenixcontact.com/us/products/1271594>

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Assembled PCB connector, Head 1: 3-position , pitch: 5.08 mm , Crimp connection , Socket, Cable 1: cable length: 0.4 m, Color: black, blue, Cable type:mPPE litz wire, product range: CC-Cabeling SMGW

Your advantages

- Male connector with straight or bent conductor exit for optimal installation in control cabinets
- Handling-compatible cable lengths, harmonized with meter design 3.HZ
- Connection technology compatible with all FNN-compliant base meters, gateways, and control boxes
- Connecting cable between combined lightning current and surge arrester FLT-SEC-ZP2...SV and the APZ (termination point meter location) field

Commercial data

Item number	1271594
Packing unit	50 pc
Minimum order quantity	50 pc
Product key	AAHRDB
GTIN	4063151462031
Weight per piece (including packing)	12.46 g
Weight per piece (excluding packing)	12.46 g
Country of origin	PL

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Technical data

Product properties

Product type	Assembled PCB connector
Product family	CC-Cabeling SMGW
Number of positions	1
Pitch	0.00 mm
Number of connections	2
Number of potentials	2

Notes

Notes on operation	In accordance with IEC 61984, COMBICON connectors have no switching power (COC). During designated use, they must not be plugged in or disconnected when carrying voltage or under load.
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Dimensions

Pitch	-
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Connector

Connection 1

Range of articles	MSTBC 2,5/..-ST
Pitch	5.08 mm
Connection method	Crimp connection
Number of positions	3
Nominal cross section	2.5 mm ²
Contact connection type	Socket
Mounting type	without
Color	green

Cable/line

Cable length	0.4 m
UL AWM Style	11028
Shielded	no
Conductor structure signal line	19x 0.25 mm
AWG signal line	18
Conductor cross-section	2x 0.82 mm ²
Wire diameter incl. insulation	1.85 mm
Conductor material	Tin-plated Cu litz wires
Material wire insulation	mPPE
Single wire, color	black, blue
Thickness, insulation	0.29 mm
Max. conductor resistance	≤ 19 Ω/m

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Insulation resistance	$\geq 20 \text{ M}\Omega \cdot \text{km}$
Nominal voltage, cable	600 V
Test voltage	6000 V
Ambient temperature (operation)	-40 °C ... 105 °C (cable, fixed installation)

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Classifications

ECLASS

ECLASS-13.0	27460202
ECLASS-15.0	27460202

ETIM

ETIM 10.0	EC002638
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated(CAS: n/a)
SCIP	267cafb5-0304-4e97-8c52-d15b24339b79

EF3.1 Climate Change

CO2e kg	0.697 kg CO2e
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