

Printed-circuit board connector - TMSTBP 2,5/ 5-STF-5,08 - 1853133

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, The plug allows conductors to be looped through from module to module.

Product Features

- User-friendly 2.3 mm Ø test connection
- For the DeviceNet-compliant version with gold-plated contact system, visit phoenixcontact.net/products

Key commercial data

package_quantity	50
GTIN	4017918109332

Technical data

Dimensions

Pitch	5.08 mm
Dimension a	20.32 mm

General

Range of articles	TMSTBP 2,5/...-STF
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	12 A
Nominal cross section	2.5 mm ²
Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	7 mm
Number of positions	5

Printed-circuit board connector - TMSTBP 2,5/ 5-STF-5,08 - 1853133

Technical data

General

Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	12

classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402

Printed-circuit board connector - TMSTBP 2,5/ 5-STF-5,08 - 1853133

classifications

eCl@ss

eCl@ss 8.0	27440309
------------	----------

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / IECCE CB Scheme / GOST / CCA / cULus Recognized /

Approval details

Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	10 A
mm ² /AWG/kcmil	28-12	28-12

Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	10 A
mm ² /AWG/kcmil	30-12	30-12

Nominal voltage UN	250 V

Printed-circuit board connector - TMSTBP 2,5/ 5-STF-5,08 - 1853133

approvals

Nominal current I _N	12 A
mm ² /AWG/kcmil	0.2-2.5

cUL Recognized

Usegroups	B	D
Nominal voltage U _N	300 V	300 V
Nominal current I _N	15 A	10 A
mm ² /AWG/kcmil	30-12	30-12

GOST

IECEE CB Scheme

Nominal voltage U _N	250 V
Nominal current I _N	12 A
mm ² /AWG/kcmil	0.2-2.5

CCA

Nominal voltage U _N	250 V
Nominal current I _N	12 A
mm ² /AWG/kcmil	0.2-2.5

cULus Recognized

accessories

Screwdriver tools

Printed-circuit board connector - TMSTBP 2,5/ 5-STF-5,08 - 1853133

accessories

SZS 0,6X3,5 - 1205053



Labeled terminal marker

SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Terminal marking

SK 5,08/3,8:UNBEDRUCKT - 0805412



Marker pen

B-STIFT - 1051993



Bridge

Printed-circuit board connector - TMSTBP 2,5/ 5-STF-5,08 - 1853133

accessories

EBP 2- 5 - 1733169



EBP 3- 5 - 1733172



EBP 5- 5 - 1733198



EBP 4- 5 - 1733185



accessories

SK 5,08/3,8:SO - 0805085

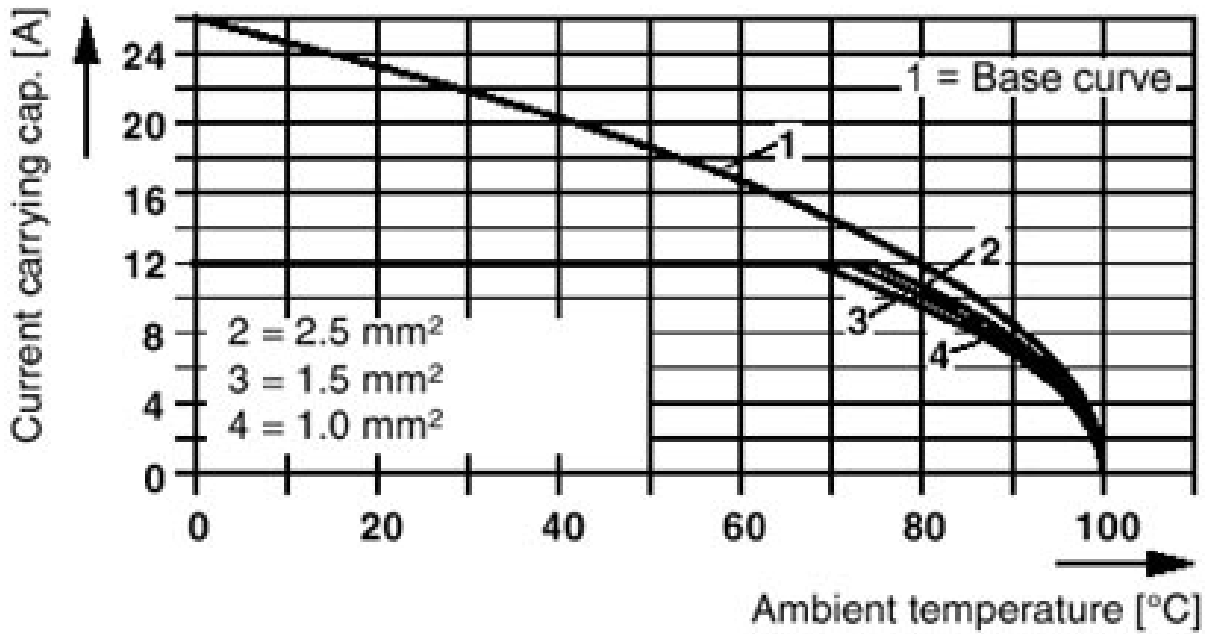


Drawings

Printed-circuit board connector - TMSTBP 2,5/ 5-STF-5,08 - 1853133

Diagram

Plug: TMSTBP 2,5/5-ST(F)-(-5,08)
Header: MSTB(A) 2,5/5-G(F)-(-5,08)



Dimensioned drawing

