

Plug - GMSTB 2,5 HCV/ 2-ST-7,62 - 1714278

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: 16 A, Rated voltage (III/2): 1000 V, Number of positions: 2, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



The illustration shows the 5-position version of the product

Why buy this product

- ✓ Compact 7.62 mm pitch
- ✓ The double steel spring provides additional safety, especially in the event of temperature and power fluctuations
- ✓ Maximum performance in a minimum amount of space: current carrying capacity of 16 A in conjunction with unlimited 600 V UL approval



Key commercial data

Packing unit	0
Minimum order quantity	50
Catalog page	Page 408 (CC-2011)
GTIN	 4 046356 094665
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

Dimensions / positions

Pitch	7.62 mm
Dimension a	7.62 mm
Number of positions	2
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Technical data

Range of articles	GMSTB 2,5 HCV/...-ST
Insulating material group	I
Rated surge voltage (III/3)	8 kV

Plug - GMSTB 2,5 HCV/ 2-ST-7,62 - 1714278

Technical data

Technical data

Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current IN	16 A
Nominal voltage UN	1000 V
Nominal cross section	2.5 mm ²
Maximum load current	16 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	8 mm
Nominal voltage, UL/CUL Use Group B	600 V
Nominal current, UL/CUL Use Group B	18.5 A
Nominal voltage, UL/CUL Use Group C	600 V
Nominal current, UL/CUL Use Group C	18.5 A

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 mm ²
Minimum AWG according to UL/CUL	30

Plug - GMSTB 2,5 HCV/ 2-ST-7,62 - 1714278

Technical data

Connection data

Maximum AWG according to UL/CUL	12
---------------------------------	----

Classifications

eclass

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

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

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

Plug - GMSTB 2,5 HCV/ 2-ST-7,62 - 1714278

Approvals

UL Recognized 		
	B	C
mm²/AWG/kcmil	30-12	30-12
Nominal current I _N	18.5 A	18.5 A
Nominal voltage U _N	600 V	600 V

cUL Recognized 		
	B	C
mm²/AWG/kcmil	30-12	30-12
Nominal current I _N	18.5 A	18.5 A
Nominal voltage U _N	600 V	600 V

GOST 		
--	--	--

cULus Recognized 		
--	--	--

Accessories

Accessories

Marking

Marker cards - SK 7,5/3,8:FORTL.ZAHLEN - 0804455



Marker cards, Card, white, Labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Adhesive, For terminal block width: 7.5 mm

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Plug/Adapter

Plug - GMSTB 2,5 HCV/ 2-ST-7,62 - 1714278

Accessories

Coding profile - CP-MSTB - 1734634



Keying profile, is inserted into the slot on the plug or inverted header, red insulating material

Tools

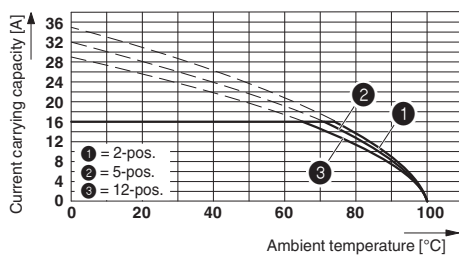
Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Drawings

Diagram



Dimensioned drawing

