

Plug - GIC 2,5 HCV/10-ST-7,62 - 1745700

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://phoenixcontact.com/download>)

Plug component, Nominal current: 16 A, Rated voltage (III/2): 1000 V, Number of positions: 10, Pitch: 7.62 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



The illustration shows the 5-pos. version

Product Features

- Compact 7.62 mm pitch
- Unlimited 600 V UL approval
- Inverted GIC 2,5 HCV plugs with pin contacts for touch-proof device outputs (with GIC 2,5 HC/... -G) or free-hanging cable/cable connections (with GMSTB 2,5 HCV/... -ST)



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	22.22 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Pitch	7.62 mm
Dimension a	68.58 mm

General

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

Plug - GIC 2,5 HCV/10-ST-7,62 - 1745700

Technical data

General

Rated surge voltage (II/2)	8 kV
Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	16 A
Nominal cross section	2.5 mm ²
Maximum load current	16 A
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	8 mm
Number of positions	10
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 flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG 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

Plug - GIC 2,5 HCV/10-ST-7,62 - 1745700

Technical data

Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm ²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	12

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

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
eCl@ss 8.0	27440309
eCl@ss 9.0	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

Approvals

Plug - GIC 2,5 HCV/10-ST-7,62 - 1745700

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized		
	B	C
mm ² /AWG/kcmil	30-12	30-12
Nominal current I _N	16 A	16 A
Nominal voltage U _N	600 V	600 V

cUL Recognized		
	B	C
mm ² /AWG/kcmil	30-12	30-12
Nominal current I _N	16 A	16 A
Nominal voltage U _N	600 V	600 V

EAC

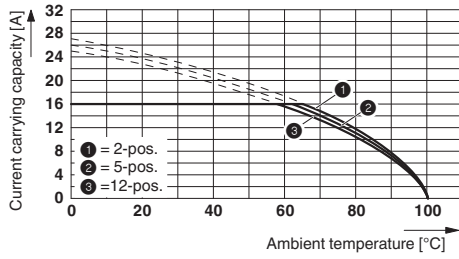
EAC

cULus Recognized		
------------------	--	--

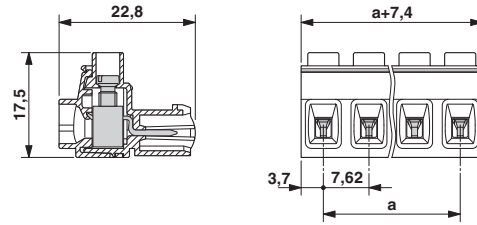
Drawings

Plug - GIC 2,5 HCV/10-ST-7,62 - 1745700

Diagram



Dimensional drawing



Derating curve for: GIC 2,5 HCV/...-ST-7,62 with GIC 2,5 HC/...-G-7,62