

## Plug - GIC 2,5 HCV/ 2-ST-7,62 - 1745629

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Plug component, Nominal current: 16 A, Rated voltage (III/2): 1000 V, Number of positions: 2, 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

- Well-known connection principle allows worldwide use
- Low temperature rise, thanks to maximum contact force
- Allows connection of two conductors
- Inverted connector with pin contacts for touch-proof device outputs or free-hanging cable/cable connections



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	4.45 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Pitch	7.62 mm
Dimension a	7.62 mm

#### General

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

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## Technical data

### General

Rated surge voltage (III/2)	8 kV
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 <sup>2</sup>
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	2
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 <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>

## Plug - GIC 2,5 HCV/ 2-ST-7,62 - 1745629

### Technical data

#### Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm <sup>2</sup>
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

#### 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

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#### Approvals

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


## Plug - GIC 2,5 HCV/ 2-ST-7,62 - 1745629


### Approvals

Ex Approvals

Approvals submitted


### Approval details

UL Recognized 		
	B	C
mm²/AWG/kcmil	30-12	30-12
Nominal current I <sub>N</sub>	16 A	16 A
Nominal voltage U <sub>N</sub>	600 V	600 V

cUL Recognized 		
	B	C
mm²/AWG/kcmil	30-12	30-12
Nominal current I <sub>N</sub>	16 A	16 A
Nominal voltage U <sub>N</sub>	600 V	600 V

EAC
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EAC
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cULus Recognized 
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### Accessories

Additional products

## Plug - GIC 2,5 HCV/ 2-ST-7,62 - 1745629

### Accessories

Printed-circuit board connector - GMSTB 2,5 HCV/ 2-ST-7,62 - 1714278



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

Base strip - GIC 2,5 HC/ 2-G-7,62 - 1745784



Header, Nominal current: 16 A, Rated voltage (III/2): 630 V, Number of positions: 2, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

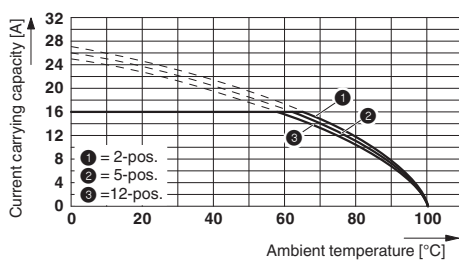
Printed-circuit board connector - GICV 2,5 HC/ 2-G-7,62 - 1756485



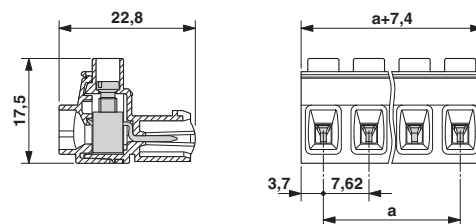
Header, Nominal current: 16 A, Rated voltage (III/2): 630 V, Number of positions: 2, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

### Drawings

Diagram



Dimensional drawing



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

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