

Plug - GIC 2,5 HCV/ 7-ST-7,62 - 1745674

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Plug component, Nominal current: 16 A, Rated voltage (III/2): 1000 V, Number of positions: 7, 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	45.72 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

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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	7
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

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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/ 7-ST-7,62 - 1745674

Approvals


Approvals


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

Ex Approvals

Approvals submitted


Approval details

UL Recognized 		
	B	C
mm²/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
mm²/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 
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Accessories

Additional products

Plug - GIC 2,5 HCV/ 7-ST-7,62 - 1745674

Accessories

Plug - GMSTB 2,5 HCV/ 7-ST-7,62 - 1714320



Plug component, Nominal current: 16 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 7.62 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Base strip - GIC 2,5 HC/ 7-G-7,62 - 1745836



Header, Nominal current: 16 A, Rated voltage (III/2): 630 V, Number of positions: 7, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

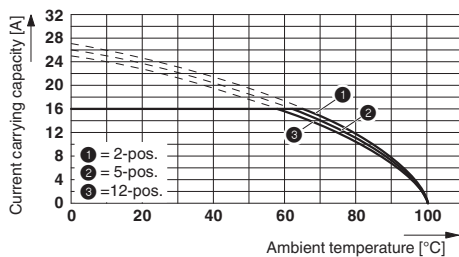
Printed-circuit board connector - GICV 2,5 HC/ 7-G-7,62 - 1756537



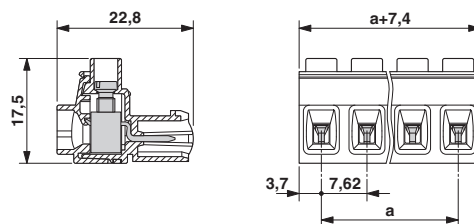
Header, Nominal current: 16 A, Rated voltage (III/2): 630 V, Number of positions: 7, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

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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