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Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 5, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

Why buy this product

Plug-in direction parallel to the conductor axis

☑ Plug for shock-proof 630 V applications (III/2)



Key commercial data

Packing unit	50 pc
GTIN	4 017918 050726
Weight per Piece (excluding packing)	9.87 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Pitch	7.62 mm
Dimension a	30.48 mm

General

Range of articles	GIC 2,5/ST
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	400 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE



Technical data

General

Nominal current I _N	12 A
Nominal cross section	2.5 mm²
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
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 mm²
Conductor cross section stranded max.	2.5 mm²
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 mm²
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 mm²
2 conductors with same cross section, solid max.	1 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm²
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
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

Approvals

Ex Approvals

Approvals submitted

Approval details

CSA 👀		
	В	D
mm²/AWG/kcmil	28-12	28-12
Nominal current IN	10 A	10 A



Approvals

	В	D
Nominal voltage UN	300 V	300 V

UL Recognized 5		
	В	D
mm²/AWG/kcmil	30-12	30-12
Nominal current IN	12 A	10 A
Nominal voltage UN	250 V	300 V

VDE Gutachten mit Fertigungsüberwachung		
mm²/AWG/kcmil	0.2-2.5	
Nominal current IN	12 A	
Nominal voltage UN	400 V	

cUL Recognized ••••					
	В	D			
mm²/AWG/kcmil	30-12	30-12			
Nominal current IN	12 A	10 A			
Nominal voltage UN	250 V	300 V			

IECEE CB Scheme CB	
mm²/AWG/kcmil	0.2-2.5
Nominal current IN	12 A
Nominal voltage UN	400 V

CCA				
mm²/AWG/kcmil	0.2-2.5			
Nominal current IN	12 A			
Nominal voltage UN	400 V			

EAC		



Approvals

cULus Recognized Sus

Accessories

Accessories

Coding element

Coding star - CR-MSTB - 1734401



Coding section, inserted into the recess in the header or the inverted plug, red insulating material

Filler plug

Accessories - MSTB-BL - 1755477



Keying cap, for forming sections, plugs onto header pin, green insulating material

Labeled terminal marker

Marker card - SK 7,62/3,8:FORTL.ZAHLEN - 0804549



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Adhesive, for terminal block width: 7.62 mm, Lettering field: 7.62 x 3.8 mm

Screwdriver 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



Accessories

Additional products

Printed-circuit board connector - GMVSTBR 2,5/5-ST-7,62 - 1832552



Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 5, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FRONT-GMSTB 2,5/ 5-ST-7,62 - 1806148

Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 5, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



Base strip - GIC 2,5/5-G-7,62 - 1828702

Header, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 5, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Soldering



Printed-circuit board connector - GMVSTBW 2,5/5-ST-7,62 - 1832442



Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 5, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Base strip - GICV 2,5/5-G-7,62 - 1828948



Header, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 5, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Soldering



Accessories

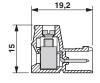
Printed-circuit board connector - GMSTB 2,5/ 5-ST-7,62 - 1767038

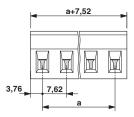
Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 5, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



Drawings

Dimensioned drawing





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