

Feed-through plug - DFK-IPC 16/ 2-STF-10,16 - 1703771

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Feed-through connector, nominal current: 76 A, number of positions: 2, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver




The figure shows a 5-pos. version of the product

Your advantages

- ✓ Well-known connection principle allows worldwide use
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ Allows connection of two conductors
- ✓ Flange system enables secure fixing to the housing panel by means of tool-free snap-in locking or screws
- ✓ Inverted connector with pin contacts for touch-proof device outputs or free-hanging cable/cable connections
- ✓ Integrated double steel spring provides additional safety in the event of temperature and power fluctuations
- ✓ Shroud for professional EMC shield connection on the front of the device
- ✓ Screwable flange for superior mechanical stability



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	 4 017918 994617
GTIN	4017918994617
Weight per Piece (excluding packing)	19.320 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

Item properties

Feed-through plug - DFK-IPC 16/ 2-STF-10,16 - 1703771

Technical data

Item properties

Brief article description	Feed-through plug
Plug-in system	POWER COMBICON 16
Type of contact	Female connector
Range of articles	DFK-IPC 16/...-STF
Pitch	10.16 mm
Number of positions	2
Connection method	Screw connection with tension sleeve
Screw thread	M4
Locking	Screw flange
Number of levels	1
Number of connections	2
Number of potentials	2

Electrical parameters

Rated current	76 A
Rated voltage (III/2)	1000 V
Rated surge voltage (III/2)	8 kV

Connection capacity

Conductor cross section solid	0.75 mm ² ... 16 mm ²
Conductor cross section flexible	0.75 mm ² ... 16 mm ²
Conductor cross section AWG / kcmil	18 ... 6
Conductor cross section flexible, with ferrule without plastic sleeve	0.5 mm ² ... 16 mm ² (Only in connection with CRIMPFOX 16 S)
Conductor cross section, flexible, with ferrule, with plastic sleeve	0.5 mm ² ... 16 mm ² (Only in connection with CRIMPFOX 16 S)
2 conductors with same cross section, solid	0.75 mm ² ... 6 mm ²
2 conductors with same cross section, flexible	0.75 mm ² ... 6 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve	0.5 mm ² ... 4 mm ²
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve	0.5 mm ² ... 6 mm ²
Stripping length	12 mm
Torque	1.7 Nm ... 1.8 Nm

Material data - contact

Note	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/ JEDEC JESD 201
Contact material	Cu alloy
Surface characteristics	Electroplated silver
Metal surface terminal point (top layer)	Tin (4 - 8 µm Sn)
Metal surface contact area (top layer)	Silver (2 - 4 µm Ag)

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Material data - housing

Insulating material	PA
Insulating material group	I
CTI according to IEC 60112	600
Flammability rating according to UL 94	V0
Glow wire flammability index GWFI according to EN 60695-2-12	850
Glow wire ignition temperature GWIT according to EN 60695-2-13	775
Temperature for the ball pressure test according to EN 60695-10-2	125 °C

Dimensions for the product

Length [l]	56.4 mm
Width [w]	61.4 mm
Height [h]	32.05 mm
Pitch	10.16 mm
Dimension a	10.16 mm

Packaging information

Type of packaging	packed in cardboard
Pieces per package	10
Denomination packing units	Pcs.

Air clearances and creepage distances

Specification	IEC 60664-1:2007-04
Rated insulation voltage (III/3)	1000 V
Rated insulation voltage (III/2)	1000 V
Rated insulation voltage (II/2)	1000 V
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	6 kV
Minimum clearance - inhomogeneous field (III/3)	8 mm
Minimum clearance - inhomogeneous field (III/2)	8 mm
Minimum clearance - inhomogeneous field (II/2)	5.5 mm
Minimum creepage distance value (III/3)	12.5 mm
Minimum creepage distance value (III/2)	5 mm
Minimum creepage distance value (II/2)	5 mm

Current carrying capacity / derating curves

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50

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Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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Classifications

eCl@ss

eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141134
eCl@ss 8.0	27440309
eCl@ss 9.0	27440309

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638
ETIM 6.0	EC002638
ETIM 7.0	EC002638

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

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Approvals

Approval details

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20040202
	B	C	
Nominal voltage UN	600 V	600 V	
Nominal current IN	55 A	55 A	
mm ² /AWG/kcmil	20-6	20-6	

Accessories

Accessories

Coding element

Coding profile - CP-PC RD - 1701967

Coding profile, for plugging into the coding ribs of the plug at a later date, insulating material, color: Red



Additional products

Printed-circuit board connector - IPC 16/ 2-STF-10,16 - 1969454



PCB connector, nominal current: 76 A, number of positions: 2, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver

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Accessories

Printed-circuit board connector - ISPC 16/ 2-STF-10,16 - 1748626



PCB connector, nominal current: 76 A, number of positions: 2, pitch: 10.16 mm, connection method: Push-in spring connection, color: green, contact surface: Silver