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Contact insert, Contact insert, number of positions: 8, nom. voltage: 160, rated current: 10 A, Connection method: Screw connection, Type of contact: Pin. Connectors may only be connected/disconnected when under no load.

Your advantages

- Compact design
- ☑ Universal connection
- Proven COMBICON technology
- Can be keyed to prevent incorrect connection



Key Commercial Data

Packing unit	50 pc
GTIN	4 017918 144111
GTIN	4017918144111

Technical data

General

Note	Connectors may only be connected/disconnected when under no load.
Connection technology	Screw connection
Connection method	Screw connection
Tightening torque	0.22 Nm 0.25 Nm
Degree of pollution	3
Number of positions	8
Insertion/withdrawal cycles	≥ 100
Conductor cross section AWG min.	28
Conductor cross section AWG max.	16
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	0.5 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²



Technical data

General

2 conductors with same cross section. 0.75 mm² Conductor cross section MVG 2816 Stripping length of the individual wire 8 mm Ambient conditions 40 °C 100 °C Material data Contact surface material Contact surface material Tin-plated Contact surface material 160 V Rated voltage (III) 10 A Standards and Regulations CUL Connection in acc. with standard CUL Flaremability rating according to UL 94 Vo Safety note • WARNINC: The connectors may not be plugged in or disconnected under load, ignoring the warning or improper use may damage persons and/or properly. • WARNING: Compasible, Replace damaged products only. The products must be regularly industes were thange persons and/or properly functional manage persons and/or properly. • WARNING: Compasible, Replace damaged products only. The products may not be familiar warning or improper use may damage persons			
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Technical data

Standards and Regulations

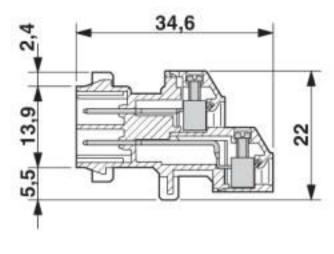
VDE 0100/1.97 § 411.1.3.2 and DIN EN 60 204/11.98 § 14.1.3 are applicable when combining several circuits in a cable and/or connector
 Observe the corresponding technical data. You will find information: o On the product o On the packing label o In the supplied documentation o Online at phoenixcontact.com/products under the product
Only use tools recommended by Phoenix Contact
 The installation notes/Design In documents online on the download page at phoenixcontact.com/products must be observed for this product.
• Use a protective cap to protect connectors that are not in use. The suitable accessories are available online in the accessory section of the product at phoenixcontact.com/products
Operate the connector only when it is fully plugged in.
• Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.
Observe the minimum bending radius of the cable. Lay the cable without twisting it.

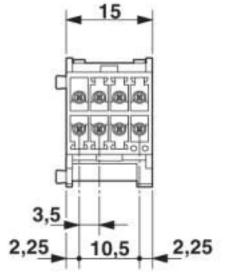
Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing







Classifications

eCl@ss

eCl@ss 10.0.1	27440205
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440205
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 2.0	EC000438
ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438
ETIM 6.0	EC000438
ETIM 7.0	EC000438

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522
UNSPSC 18.0	39121522
UNSPSC 19.0	39121522
UNSPSC 20.0	39121522
UNSPSC 21.0	39121522

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details



Approvals

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UL Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 118976		FILE E 118976
Nominal voltage UN		250 V	
Nominal current IN		8 A	
mm²/AWG/kcmil		30-14	

cUL Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 118976
Nominal voltage UN	250 V
Nominal current IN	8 A
mm²/AWG/kcmil	30-14

EAC	B.01742
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cULus Recognized



Accessories

Accessories

Coding element

Coding profile - CP-MSTB - 1734634

Coding profile, is inserted into the slot on the plug or inverted header, red insulating material



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647757-1 6643411-1 6646058-2 6646137-1 6646138-1 6646479-1 6646608-1 6646786-1 6646940-1 6651091-1 6651525-1 6651529-1 6651788-1 696475-1 702-32-01109 703-25-02205 73000005059 73000005642 765-15-0080A 765-16-0080B 765-18-0080D 829992-1 902-77-02113 PS00/A0620/6300 129-1J 1409400 AN0024023 E6374G1 e6389g2 157-43GW8 MS3117-14AC 1643543-1 1650540-1 1651811-2 1766260-1 1766282-1 1766966-1 1791340000 NLDFT-3-BL-L-S120-M40A NLDFT-N-W-L-C240-M40B NLS-2-R-C240-M40B NLS-N-W-C240-M40B NPS-3-BL-T6 1986615-1 2-1589900-8 2199314-1 KA8102 9300480317 SBS50BRN#6 29131