

Contact insert - DC-B 6-IB-7X4-PCB- 90 - 1602180

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



DUPLICON, panel mounting contact insert, 6 x 4 mm² + PE, 400/690 V, 25 A, 90° PCB connection, type B6, IP20 protection



Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	49.44 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

Ambient conditions

Degree of protection	IP20, touch proof
Ambient temperature (operation)	-40 °C ... 100 °C

Electrical characteristics

Rated voltage (III/3)	400 V (L-PE)
	690 V (L-L)
Rated surge voltage	6 kV
Rated current	25 A
Surge voltage category	III
Pollution degree	3

Material data

Contact material	Cu
Contact surface material	Ag
Contact carrier material	PA

General

Contact insert - DC-B 6-IB-7X4-PCB- 90 - 1602180

Technical data

General

Design	DC-B6
Color	light gray
Insertion/withdrawal cycles	≥ 100
Number of positions	6

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440209

ETIM

ETIM 2.0	EC000438
ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

Approvals

Approvals

Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / cULus Recognized

Ex Approvals

Contact insert - DC-B 6-IB-7X4-PCB- 90 - 1602180

Approvals

Approvals submitted

Approval details

UL Recognized 	
mm²/AWG/kcmil	12
Nominal current I _N	25 A
Nominal voltage U _N	600 V

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current I _N	25 A
Nominal voltage U _N	690 V

cUL Recognized 	
mm²/AWG/kcmil	12
Nominal current I _N	25 A
Nominal voltage U _N	600 V

cULus Recognized 	
--	--

Accessories

Accessories

Coding element

Contact insert - DC-B 6-IB-7X4-PCB- 90 - 1602180

Accessories

Coding star - PC - 3040588



Coding star, Length: 3 mm, Width: 3 mm, Height: 6 mm, Color: red

Mounting material

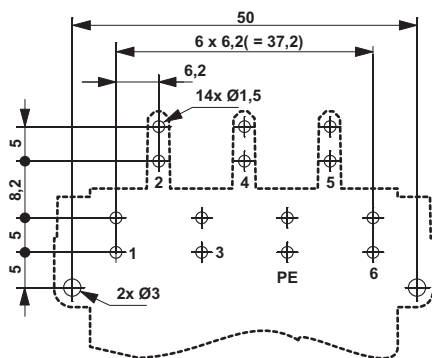
Screw - DC-PCB-M3X20 - 1602407



DUPLICON, M3 screw, V2A, for fastening the contact inserts for PCB connection in the panel mounting base, 20 mm long with locking washer, steel, anti-corrosive

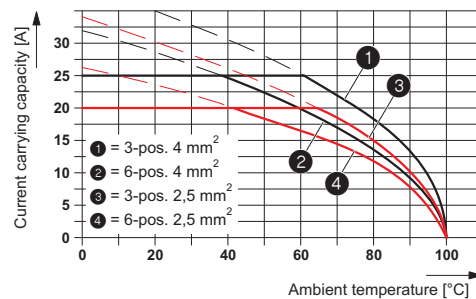
Drawings

Drilling diagram



Drilling diagram: DC-...PCB-90

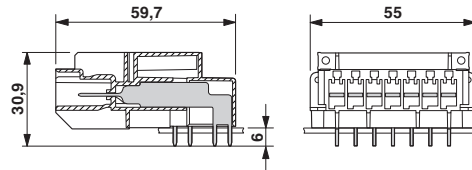
Diagram



Derating diagram

Contact insert - DC-B 6-IB-7X4-PCB- 90 - 1602180

Dimensioned drawing



Dimensional drawing

单击下面可查看定价，库存，交付和生命周期等信息

[>>Phoenix Contact\(菲尼克斯\)](#)