

Contact carriers - VC-AMC 4 - 1583877

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Contact carrier for male crimp contacts, 3+PE-pos., 690 V/70 A, for snapping into mounting panel



Product Features

- Simply snap into the VC-AR... panel cutout and you're done!
- No need for panel mounting flange
- No need for panel mounting frame
- Crimp contacts are released using a flat-bladed screwdriver



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	5 pc
Weight per Piece (excluding packing)	22.0 g
Custom tariff number	85472000
Country of origin	Germany

Technical data

General

Note	Connectors may only be connected/disconnected when under no load.
Connection method	Crimp connection
	Crimp connection
Degree of pollution	3
Overvoltage category	III
Number of positions	3+PE
Insertion/withdrawal cycles	≥ 50
Size	VC2
Conductor cross section AWG min.	12

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Technical data

General

Conductor cross section AWG max.	6
Connection in acc. with standard	IEC / EN
Conductor cross section	4 mm² ... 16 mm²

Ambient conditions

Ambient temperature (operation)	-40 °C ... 100 °C
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Material data

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	hard-silver plated
Contact carrier material	PA

Electrical characteristics

Rated voltage (III/3)	690 V
Rated surge voltage	6 kV
Rated current	70 A
	60 A

Standards and Regulations

Connection in acc. with standard	IEC / EN
	CUL
Flammability rating according to UL 94	V0

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	27440202

ETIM

ETIM 4.0	EC000437
ETIM 5.0	EC000437

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Classifications

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 / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details


UL Recognized 	
mm²/AWG/kcmil	8
Nominal current I _N	50 A
Nominal voltage U _N	600 V

cUL Recognized 	
mm²/AWG/kcmil	8
Nominal current I _N	50 A
Nominal voltage U _N	600 V

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Approvals

EAC

cULus Recognized 

Accessories

Accessories

Coding element

Coding profile - CP-HCC 4 - 1600027



Coding profile, Number of positions: 1, Color: red

Crimp contact

Crimp contact - IPCC 16-16-MT - 1733367



Single crimp pin contact for stranded conductors with 16 mm² cross section. Can only be crimped by machine, not with manual crimping pliers.

Crimp contact - IPCC 16-10-MT - 1733372



Single crimp pin contact for flexible cable with 6 and 10 mm² cross section.

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Accessories

Crimp contact - IPCC 16- 4-MT - 1733385



Single crimp pin contact for flexible cable with 4 mm² cross section.

Crimping tool

Crimping pliers - CRIMPFOX PCC 16 CS 4QMM - 1743427



Crimping pliers for PCC 16 contacts

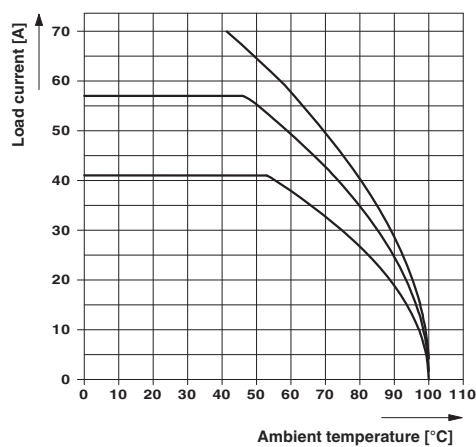
Crimping pliers - CRIMPFOX PCC 16 CS 10QMM - 1743430



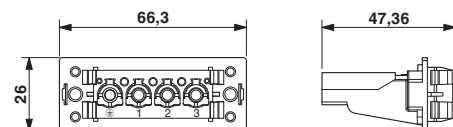
Crimping pliers for PCC 16 contacts

Drawings

Diagram



Dimensional drawing



Mouser Electronics

Authorized Distributor

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