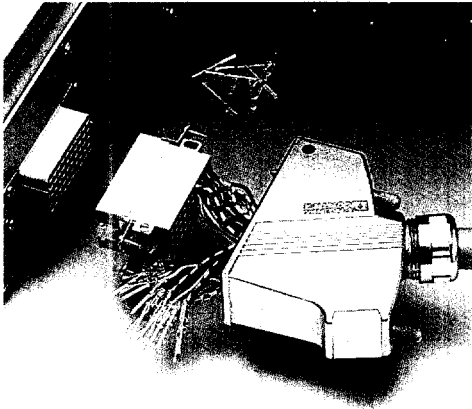


PLUSCON-VC Crimp Contact Carriers for Turned and Punched Contacts



Crimp contact carriers for savings in space, material and cable laying costs are available for VARIOCON. For a complete connection, no panel mounting base is required, meaning one component fewer.

The crimp contact carriers are available as either male or female versions for the plastic, metal and EMC series hoods. Parallel to the housing sizes 1-4, 15, 30, 50 and 65 positions are available. The contact carriers also have one leading grounding wire each. The connection data are 250 V and 10 A and are equivalent to those of the standard D series. They were based on DIN 43 652 (plug connectors with a high density, square design). In the VARIOCON contact carriers, both turned and punched contacts can be used. It is thus possible to make use of all the advantages of the crimp system, such as machine preassembly of wiring harnesses.

The type of contacts used fulfill the requirements of IEC 60 352/ DIN EN 60 352. By using knurled screws on the hood, it is possible to make or release the plug connection without the need for tools.

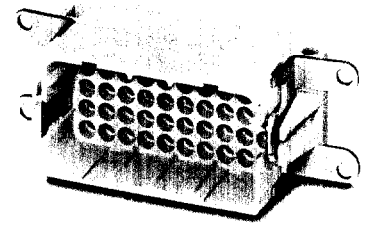
The crimp contacts are crimped using standard tools for 1.6 mm contacts.

The contact carriers can be mounted on the device from either the inside or the outside. Male and female contacts can be used on the plug and the equipment. The contact carriers are suitable for use in equipment, switch cabinets and terminal boxes with splash-water protection.

Note on assembly

If the housing for the mounting side does not create a conductive connection, a protective conductor bridge metal must be added to the contact insert.

When using the plastic series, the contact insert on the hood side must have a bridge metal.



VC-D...-ST...-PE

Male contact carrier for turned and punched contacts

Connection data
Contacts, see page 56/57.

I	U
[A]	[V]
10	250

Note:

Plug connectors may only be connected/disconnected when under no load.

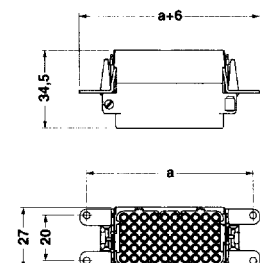
Description	Housing size	No. of pos.	Type	Order No.	Pcs. Pkt.
Male contact carrier, for hood or equipment panel	1	15	VC-D1-ST15-PE	18 55 01 8	10
	2	30	VC-D2-ST30-PE	18 55 02 1	
	3	50	VC-D3-ST50-PE	18 55 03 4	
	4	65	VC-D4-ST65-PE	18 55 04 7	
Female contact carrier, for hood or equipment panel	1	15			
	2	30			
	3	50			
	4	65			
Mounting flange, to fix the contact insert to the housing panel			VC-D-AF	18 55 31 9	20
Female contact insert, for punched contacts	1	15			
	2	30			
	3	50			
	4	65			
Protective conductor bridge metal, for male and female contact inserts	1				
	2				
	3				
	4				

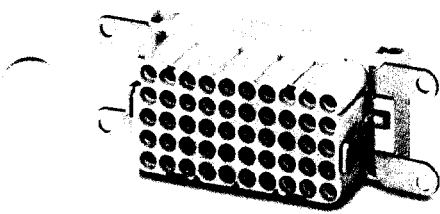
Technical data acc. to IEC/ DIN VDE

Number of positions		15, 30, 50, 65
Nominal cross section	[mm ²]	1.5
Stripping length (solid contacts)	[mm]	8
Max. load current / cross section	[A] / [mm ²]	10 / 1.5
Rated voltage / Rated surge voltage	[V] / [kV]	250 / 4
Surge voltage category / contamination class		III / 2
Operating temperature range (incl. rise in contact temp.)	[°C]	-40 to 125

Adapters for the cable glands are available on request, allowing larger cable cross sections to be fed in to suit the number of positions and the nominal cross-section.

No. of positions of the contact carriers	Dimension a [mm]
15	42.8
30	57.8
50	72.8
65	87.8



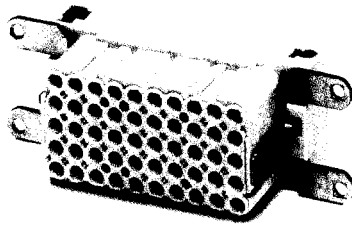


VC-D...-BU...-PE

Female contact carrier
for turned contacts

I U
[A] [V]
10 250

Connection data
Contact, see page 56.



VC-D...-BU...-PE-ATE

Female contact carrier
for punched contacts

I U
[A] [V]
10 250

Connection data
Contact, see page 57.



VC-D...-EB-PE

Grounding wire bridge metal

Type	Order No.	Pcs. Pkt.	Type	Order No.	Pcs. Pkt.	Type	Order No.	Pcs. Pkt.
VC-D1-BU15-PE	18 55 05 0	10						
VC-D2-BU30-PE	18 55 06 3							
VC-D3-BU50-PE	18 55 07 6							
VC-D4-BU65-PE	18 55 08 9							
-D-AF	18 55 31 9	20	VC-D-AF	18 55 31 9	20			
			VC-D1-BU15-PE-ATE	18 84 80 1				
			VC-D2-BU30-PE-ATE	18 84 79 1				
			VC-D3-BU50-PE-ATE	18 84 78 8				
			VC-D4-BU65-PE-ATE	18 84 77 5				
						VC-D1-EB-PE	18 55 25 4	10
						VC-D2-EB-PE	18 55 26 7	
						VC-D3-EB-PE	18 55 27 0	
						VC-D4-EB-PE	18 55 28 3	

15, 30, 50, 65
1.5
8
10 / 1.5
250 / 4
III / 3
-40 to 125

15, 30, 50, 65
1.5
8
10 / 1.5
250 / 4
III / 2
-40 to 125

-
2.0
-
10 / 1.5
- / 4
III / 2
-40 to 125

