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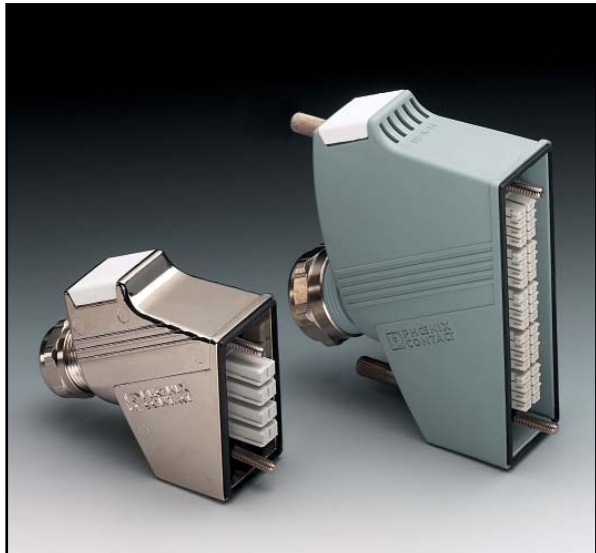
VARIOCON
Contact Insert Sets with Sleeve and Panel Mounting Frame

Introduction

The contact insert sets are taken from the modular VARIOCON range. For standard applications with a uniform core cross section, up to 40-position plug connectors are thus possible.

The screw connection can be easily wired in the field. The positions are labeled consecutively.

Contact insert sets
with sleeve frame

Description	Design	No. of pos.	Type	Order No.	Pcs./Pkt.
Contact insert set for the sleeve side,	1	4	VC-TR1/2M-PEA-S22-SET	**16 07 14 3**	1
Consisting of: sleeve frame with PE, 4 fixing	2	6	VC-TR2/3M-PEA-S222-SET	**16 07 15 4**	
screws and preassembled 2-pos. sleeve	3	8	VC-TR3/4M-PEA-S2222-SET	**16 07 16 7**	
modules with screw connection,	4	10	VC-TR4/5M-PEA-S22222-SET	**16 07 17 8**	
6 coding profiles					
Contact insert set for the sleeve side,	1	12	VC-TR1/2M-PEA-S66-SET	**16 07 19 1**	1
Consisting of: sleeve frame with PE, 4 fixing	2	18	VC-TR2/3M-PEA-S666-SET	**16 07 20 2**	
screws and preassembled 6-pos. sleeve	3	24	VC-TR3/4M-PEA-S6666-SET	**16 07 21 5**	
modules with screw connection,	4	32	VC-TR4/5M-PEA-S66666-SET	**16 07 22 6**	
6 coding profiles					
Contact insert set for the sleeve side,	1	16	VC-TR1/2M-PEA-S88-SET	**16 07 23 9**	1
Consisting of: sleeve frame with PE, 4 fixing	2	24	VC-TR2/3M-PEA-S888-SET	**16 07 25 0**	
screws and preassembled 8-pos. sleeve	3	32	VC-TR3/4M-PEA-S8888-SET	**16 07 26 3**	
modules with screw connection,	4	40	VC-TR4/5M-PEA-S88888-SET	**16 07 27 4**	
6 coding profiles					

Technical data		VC-TR…S2…	VC-TR…S6…	VC-TR…S8…
Surge voltage category / contamination class		III / 3	III / 3	III / 3
Rated surge voltage / insulation material group	kV] / –	6 / I	4 / I	2.5 / I
Rated voltage	[V]	400	250	160
Nominal current	[A]	20	8	8
Connection cross section				
Solid and stranded	[mm^2]	0.2 -4.0	0.14 - 1.5	0.14 - 1.5
Insulation material		PA	PA	PA
Inflammability class in acc. with UL 94		V0	V0	V0
Approval data (UL/CUL and CUL)		🅄🅁 ⓒ	🅄🅁 ⓒ	🅄🅁 ⓒ
Nominal voltage / current / conductor cross sec.	UL: [V] / [A] / AWG	600 / 20 / 24-10	300 / 8 / 28-16	300 / 8 / 28-16
	CUL: [V] / [A] / AWG	600 / 20 / 30-10	300 / 8 / 30-14	300 / 8 / 30-14
Torque	[Nm]	0.5 - 0.6	0.22 - 0.25	0.22 - 0.25

Type description

| VC | - | TR | 2 | / | 3M | - | PEA | - | S222 | - | SET |

VARIOCON

TR = Sleeve frame

2 = Frame size **2**

3M = **3 M**odules

PEA = **PE** Connection

S222 = Number of modules (in this case: three 2-pos. modules)

SET = Complete set

Contact insert sets
with panel mounting frame

Description	Design	No. of pos.	Type	Order No.	Pcs./Pkt.
Contact insert set for the mounting side,	1	4	VC-AR1/2M-S22-SET	**16 07 29 8**	1
Consisting of: panel mounting frame, 4 fixing	2	6	VC-AR2/3M-S222-SET	**16 07 31 1**	
screws and preassembled 2-pos. mounting	3	8	VC-AR3/4M-S2222-SET	**16 07 32 2**	
modules with screw connection,	4	10	VC-AR4/5M-S22222-SET	**16 07 33 5**	
6 coding profiles					
Contact insert set for the mounting side,	1	12	VC-AR1/2M-S66-SET	**16 07 34 6**	1
Consisting of: panel mounting frame, 4 fixing	2	18	VC-AR2/3M-S666-SET	**16 07 35 9**	
screws and preassembled 6-pos. mounting	3	24	VC-AR3/4M-S6666-SET	**16 07 37 0**	
modules with screw connection,	4	32	VC-AR4/5M-S66666-SET	**16 07 38 3**	
6 coding profiles					
Contact insert set for the mounting side,	1	16	VC-AR1/2M-S88-SET	**16 07 39 4**	1
Consisting of: panel mounting frame, 4 fixing	2	24	VC-AR2/3M-S888-SET	**16 07 40 7**	
screws and preassembled 8-pos. mounting	3	32	VC-AR3/4M-S8888-SET	**16 07 41 8**	
modules with screw connection,	4	40	VC-AR4/5M-S88888-SET	**16 07 43 1**	
6 coding profiles					

Technical data		VC-AR…S2…	VC-AR…S6…	VC-AR…S8…
Surge voltage category / contamination class		III / 3	III / 3	III / 3
Rated surge voltage / insulation material group	kV] / –	6 / I	4 / I	2.5 / I
Rated voltage	[V]	400	250	160
Nominal current	[A]	20	8	8
Connection cross section				
Solid and stranded	[mm^2]	0.2 -4.0	0.14 - 1.5	0.14 - 1.5
Insulation material		PA	PA	PA
Inflammability class in acc. with UL 94		V0	V0	V0
Approval data (UL and CUL)		🆄🅛 🅒🅤🅛	🆄🅛 🅒🅤🅛	🆄🅛 🅒🅤🅛
Nominal voltage / current / conductor cross sec.	UL: [V] / [A] / AWG	600 / 20 / 24-10	300 / 8 / 28-16	300 / 8 / 28-16
	CUL: [V] / [A] / AWG	600 / 20 / 30-10	300 / 8 / 30-14	300 / 8 / 30-14
Torque	[Nm]	0.5 - 0.6	0.22 - 0.25	0.22 - 0.25

Type description

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VC  -  AR   2   /  3M  -  PEA  -  S222  -  SET
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VARIOCON

AR = Panel mounting frame

2 = Frame size **2**

3M = **3 M**odules

PEA = **PE** Connection

S222 = Number of modules (in this case: three 2-pos. modules)

SET = Complete set