

C 091

Crimp contacts

Stamped single contacts

Stamped contacts on reel for hand crimping tools

Stamped contacts on reel for crimp machines



packaging unit 100 pcs



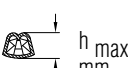
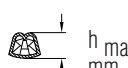
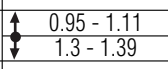
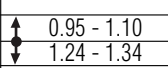
200 pcs



2000 pcs
(feeding left or right hand side)

Typ of Contact	Contact Ø	Wire Gauge	max. Insul. Ø	Supplied as	Pcs.	Part Number	
						silver	gold
Pin contact 	1.5 mm	0.14-0.5 mm ² AWG 26-20	2.0 ^{+0.2} mm	single contact	100	VN01 015 0046 (1)	VN01 015 0046 (2)
				contacts on reel	200	ZN01 015 0046 (1)	ZN01 015 0046 (2)
				right	2000	HN01 015 0046 (1)	HN01 015 0046 (2)
				left	2000	TN01 015 0046 (1)	TN01 015 0046 (2)
		0.75-1.0 mm ² AWG 18	2.0 ^{+0.2} mm	single contact	100	VN01 015 0047 (1)	VN01 015 0047 (2)
				contacts on reel	200	ZN01 015 0047 (1)	ZN01 015 0047 (2)
				right	2000	HN01 015 0047 (1)	HN01 015 0047 (2)
				left	2000	TN01 015 0047 (1)	TN01 015 0047 (2)
Socket contact 	1.5 mm	0.14-0.5 mm ² AWG 26-20	2.0 ^{+0.2} mm	single contact	100	VN02 015 0046 (1)	VN02 015 0046 (2)
				contacts on reel	200	ZN02 015 0046 (1)	ZN02 015 0046 (2)
				right	2000	HN02 015 0046 (1)	HN02 015 0046 (2)
				left	2000	TN02 015 0046 (1)	TN02 015 0046 (2)
		0.75-1.0 mm ² AWG 18	2.0 ^{+0.2} mm	single contact	100	VN02 015 0047 (1)	VN02 015 0047 (2)
				contacts on reel	200	ZN02 015 0047 (1)	ZN02 015 0047 (2)
				right	2000	HN02 015 0047 (1)	HN02 015 0047 (2)
				left	2000	TN02 015 0047 (1)	TN02 015 0047 (2)

For more information upon crimping tools please contact factory or order our catalogue „Tools“.

Minimum retention forces according to DIN EN 60 352-2							
Wires				Wires			
Wire size		Minimum retention force	Crimp height (average values)	Wire size		Minimum retention force	Crimp height (average values)
mm ²		N	 h _{max} mm	mm ² AWG		N	 h _{max} mm
0.14 - 0.5 AWG 26-20	0.14	24	0.9 - 1.01	0.14 - 0.5	26	24	0.9 - 1.0
	0.25	42	0.92 - 1.09		24	39	0.92 - 1.02
	0.5	73	 0.95 - 1.11 1.3 - 1.39		22	53	0.93 - 1.03
0.5 - 1.5 AWG 20-16	0.75	101	1.34 - 1.4	0.5 - 1.5	20	84	 0.95 - 1.10 1.24 - 1.34
	1	135	1.36 - 1.44		18	131	1.32 - 1.42

These min. values are based on the copper wire tensile strength with $\delta_B \approx 230 \text{ N/mm}^2$.



Part No. system for crimp contacts	
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	VN 1)	01 2)	015 3)	0046 4)	(1) 5)
1) supplied as:	VN = single contact 100 pcs.				
		ZN = contacts on reel 200 contacts			
			HN = Contacts on reel with 2000 contacts (contact feeding right hand side)		
				TN = Contacts on reel with 2000 contacts (contact feeding left hand side)	
2) Type of contact:	01 = male contact	02 = female contact			
3) Contact pin dia.:	e. g. 015 $\pm$ 1,5 mm				
4) Connection and wire gauge, e. g.	0046: 0,14 - 0,5 mm ²	0047: 0,75 - 1,0 mm ²			
5) Plating:	(1) = silver plated	(2) = gold plated			

Cable outlet in mm and inches	

Gland bushing without clamping ring	
PG	cable dia. in mm / inches
7	4 - 6 / 0.157 - 0.236
9	6 - 8 / 0.236 - 0.315
11	8 - 10 / 0.315 - 0.394
13,5	10 - 12 / 0.394 - 0.472
16	12 - 14 / 0.472 - 0.551
21	14 - 18 / 0.551 - 0.709

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