

C 091
Crimp contacts


Pin contact

Socket contact

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 0005 (1)	VN01 015 0005 (2)
				contacts on reel	200	ZN01 015 0005 (1)	ZN01 015 0005 (2)
					2000	HN01 015 0005 (1)	HN01 015 0005 (2)
		0.5-1.0 mm ² AWG 20-18	2.0 ^{+0.2} mm	single contact	100	VN01 015 0039 (1)	VN01 015 0039 (2)
				contacts on reel	200	ZN01 015 0039 (1)	ZN01 015 0039 (2)
					2000	HN01 015 0039 (1)	HN01 015 0039 (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 0005 (1)	VN02 015 0005 (2)
				contacts on reel	200	ZN02 015 0005 (1)	ZN02 015 0005 (2)
					2000	HN02 015 0005 (1)	HN02 015 0005 (2)
		0.5-1.0 mm ² AWG 20-18	2.0 ^{+0.2} mm	single contact	100	VN02 015 0039 (1)	VN02 015 0039 (2)
				contacts on reel	200	ZN02 015 0039 (1)	ZN02 015 0039 (2)
					2000	HN02 015 0039 (1)	HN02 015 0039 (2)

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

Minimum retention forces according to IEC 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 $\delta_B \approx 230 \text{ N/mm}^2$.