

C 091 Crimp contacts

Supplied as	Wire Gauge	Insul. Ø mm	Pieces	Part Number		Figure	
				Silver	Gold		
Pin contact Ø 1.5 mm							
single contact	0.09-0.25 mm ²	0.7-1.6	100	VN01 015 0052 (1)	VN01 015 0052 (2)		
contacts on reel			200	ZN01 015 0052 (1)	ZN01 015 0052 (2)		
right			2000	HN01 015 0052 (1)	HN01 015 0052 (2)		
left			2000	TN01 015 0052 (1)	TN01 015 0052 (2)		
single contact	0.35-0.50 mm ²	1.0-2.0	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)		
single contact	0.75-1.0 mm ²	1.6-2.1	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)		
Pin contact Ø 1.0 mm							
	0.09-0.25 mm ²	1.3	100	VN01 010 0158 (1)	VN01 010 0158 (2)		
			2000	HN01 010 0158 (1)	HN01 010 0158 (2)		
			2000	TN01 010 0158 (1)	TN01 010 0158 (2)		
Socket contact Ø 1.5 mm							
single contact	0.09-0.25 mm ²	0.7-1.6	100	VN02 015 0052 (1)	VN02 015 0052 (2)		
contacts on reel			200	ZN02 015 0052 (1)	ZN02 015 0052 (2)		
right			2000	HN02 015 0052 (1)	HN02 015 0052 (2)		
left			2000	TN02 015 0052 (1)	TN02 015 0052 (2)		
single contact	0.35-0.50 mm ²	1.0-2.0	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)		
single contact	0.75-1.0 mm ²	1.6-2.1	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)		
Socket contact Ø 1.0 mm							
	0.09-0.25 mm ²	1.3	100	VN02 010 0158 (1)	VN02 010 0158 (2)		
			2000	HN02 010 0158 (1)	HN02 010 0158 (2)		
			2000	TN02 010 0158 (1)	TN02 010 0158 (2)		
Connecting Range mm ²	Wire Gauge		Stripping Length mm	Crimp Height (Average Values) mm	Crimp Retention Force acc. DIN EN 60352-2 N		
	mm ²	AWG					
0.09-0.25	0.09	28	3.0 + 0.5	0.85-0.89	11		
		26			15		
	0.14	24		0.86-0.90	18		
		22			28		
0.35-0.50	0.25	20	3.0 + 0.5	0.91-0.97	32		
	0.35	22		0.90-1.06	40		
0.75-1.00	0.50	20	3.5 + 1.0	0.95-1.11	60		
		0.75			18	1.33-1.50	85
	1.00						1.36-1.53

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