

VALCON Part-Insulated (Red) Female Disconnects: HOW TO ORDER

Series (Denotes Wire UL Type)

End Option

Over All Length in MM

AWG

Wire Colour

R

Example: VD163F-S-100MM-18-R

VD1xxxFX
(UL1015-XX-R-100MM)

S = Single ended (Butt cut other end only)

D = Dual ended

VD128F8 = Nema Tab 2.8 x 0.8mm (18AWG)
VD148F5 = Nema Tab 4.8 x 0.5mm (18AWG)
VD148F8 = Nema Tab 4.8 x 0.8mm (20AWG)
VD163F = Nema Tab 6.35 x 0.8mm (22AWG)
VD163FM = (Right Angle) 6.35 x 0.8mm (18AWG)

xxxMM

Min O.A.L. 60mm

Tolerance to +/-5mm

XX = AWG

R = Red

Pull Out Force Test Standard - EN 60352-2

Conductor Cross Section		Tensile Strength of Conductor		Pull Force	
AWG	mm²	N	kg	kg	N
32	0,032	8	0,81	0,4079	4
30	0,051	12	1,22	0,6118	6
28	0,081	18	1,83	1,1217	11
26	0,129	29	2,95	1,5296	15
	0,140	32	3,26	1,8355	18
24	0,205	47	4,80	2,8552	28
	0,250	57	5,80	3,2631	32
22	0,326	74	7,50	4,0789	40
20	0,518	117	11,90	6,1183	60
	0,750	169	17,22	8,6676	85
18	0,823	186	19,00	9,1774	90
	1,000	225	22,90	11,0129	108
16	1,309	295	30,00	13,7662	135
	1,500	338	34,40	15,2957	150
14	2,081	468	47,70	20,3943	200
	2,500	563	57,40	23,4535	230
12	3,309	745	76,00	28,0422	275
	4,000	900	91,70	31,6112	310
10	5,261	1186	120,00	36,1999	355
	6,000	1350	137,60	36,7098	360
8	8,367			37,7295	370
	10,000			38,7492	380

