

Trakrad 100
 1900/3300V, 125°C

De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Conductor OD		Shielding Material Nom. DCR	Nominal OD		Application
			ft.	m	lbs.	kg		AWG	Section mm ²		inch	mm	

125°C • 20 AWG - 750 MCM • Stranded Tin-Plated Copper Wire

Trakrad 100 Grey Insulation • Oil-Resistance • Flame-Retardant

BS 4066-1
 IEC 60332-3(A)

Unshielded

Suitable for fixed installations within trains and between motor and underframe e.g.
 - Connections to coil windings
 - Wiring of motor trains
 - Control panels and switchgear

Designed to provide enhanced oil resistance to meet British Rail spec. TDE 76/P/16.



HMC4141	1640	500	13.3	6.0	(16x0.20) TPC	20	0.50	0.102	2.59
HMC4142	1640	500	16.9	7.7	(24x0.20) TPC	18	0.75	0.111	2.82
HMC4143	1640	500	19.8	9.0	(32x0.20) TPC	17	1.00	0.115	2.92
HMC4144	1640	500	21.4	9.7	(37x0.20) TPC	16.5	1.16	0.118	3.00
HMC4145	1640	500	26.9	12.2	(30x0.25) TPC	16	1.50	0.131	3.32
HMC4146	1640	500	30.9	14.0	(37x0.25) TPC	15	1.80	0.138	3.50
HMC4147	1640	500	38.9	17.7	(50x0.25) TPC	14	2.50	0.148	3.76
HMC4148	1640	500	41.1	18.6	(37x0.30) TPC	13	2.60	0.154	3.90
HMC4149	1640	500	56.6	25.7	(56x0.30) TPC	12	4	0.169	4.29
HMC4150	328	100	13.5	6.1	(37x0.40) TPC	11	4.70	0.189	4.80
HMC4151	328	100	18.4	8.3	(84x0.30) TPC	10	6	0.223	5.67
HMC4152	328	100	21.7	9.8	(61x0.40) TPC	9	7.70	0.236	6.00
HMC4153	328	100	28.2	12.8	(80x0.40) TPC	8	10	0.276	7.00
HMC4154	328	100	41.4	18.8	(126x0.40) TPC	6	16	0.319	8.10
HMC4155	328	100	65.6	29.8	(196x0.40) TPC	4	25	0.406	10.30
HMC4156	on request		891.1	404.2	(276x0.40) TPC	2	35	0.461	11.70
HMC4157	on request		1240.3	562.6	(396x0.40) TPC	1	50	0.539	13.70
HMC4158	on request		1728.0	783.8	(360x0.50) TPC	2/0	70	0.630	16.00
HMC4159	on request		2266.3	1028.0	(475x0.50) TPC	3/0	95	0.728	18.50
HMC4160	on request		2877.0	1305.0	(608x0.50) TPC	4/0	120	0.803	20.40
HMC4161	on request		3542.8	1607.0	(756x0.50) TPC	300 MCM	150	0.890	22.60
HMC4162	on request		4296.8	1949.0	(925x0.50) TPC	350 MCM	185	0.976	24.80
HMC4163	on request		5562.2	2523.0	(1221x0.50) TPC	500 MCM	240	1.094	27.80
HMC4164	on request		7067.9	3206.0	(1525x0.50) TPC	600 MCM	300	1.260	32.00
HMC4165	on request		9153.5	4152.0	(2013x0.50) TPC	750 MCM	400	1.417	36.00

Weights for "on request" are for 1 km

TPC = Tin-Plated Copper • DCR = DC resistance