


HFI 90 H / H-PT & H-P

HFI 90 H insulated cores

Intended for use as internal wiring of equipment

300 V AC

Order reference		Conductor				Finished wire				Electrical	
		Tin Plated Copper (TPC)				HFI 90 H			Weight	DC resistance	DC Current rating In free air at 40°C
		Size	Stranding	Wire	Core	Tolerance					
Description	Article Number	AWG	mm ²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
H-PT 3007	918cc3007	30	0.06	7 x 0.102	0.30	0.94	0.89	0.99	1.1	355	3
H-PT 2807	918cc2807	28	0.09	7 x 0.127	0.38	1.02	0.95	1.09	1.5	225	4
H-PT 2619	918cc2619	26	0.16	19 x 0.102	0.48	1.12	1.05	1.19	2.1	135	5
H-PT 2419	918cc2419	24	0.24	19 x 0.127	0.60	1.24	1.17	1.31	3.0	85.9	7
H-PT 2219	918cc2219	22	0.38	19 x 0.160	0.76	1.40	1.33	1.47	4.5	53.1	9
H-PTM 0,5	918cc0050	-	0.50	19 x 0.185	0.88	1.52	1.45	1.59	5.4	40.1	11
H-PT 2019	918cc2019	20	0.62	19 x 0.203	0.96	1.60	1.53	1.67	6.7	32.4	13
H-PTM 0,75	918cc0075	-	0.75	24 x 0.20	1.05	1.69	1.62	1.76	8.1	26.7	14
H-PT 1819	918cc1819	18	0.96	19 x 0.254	1.20	1.84	1.77	1.91	10	20.4	17
H-PTM 1,0	918cc0100	-	1.00	32 x 0.20	1.20	1.84	1.77	1.91	10	20.0	17
H-PT 1619	918cc1619	16	1.23	19 x 0.287	1.36	2.22	2.15	2.29	13	15.7	20
H-PTM 1,5	918cc0150	-	1.50	30 x 0.25	1.50	2.36	2.29	2.43	16	13.7	22

500 V AC

Description	Article Number	AWG	mm ²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
H-P 2619	919cc2619	26	0.16	19 x 0.102	0.48	1.56	1.49	1.63	3.0	135	5
H-P 2419	919cc2419	24	0.24	19 x 0.127	0.60	1.68	1.61	1.75	4.0	85.9	7
H-P 2219	919cc2219	22	0.38	19 x 0.160	0.76	1.84	1.77	1.91	5.5	53.1	9
H-PM 0,5	919cc0050	-	0.50	19 x 0.185	0.88	1.96	1.89	2.03	6.6	40.1	11
H-P 2019	919cc2019	20	0.62	19 x 0.203	0.96	2.04	1.97	2.11	7.9	32.4	13
H-PM 0,75	919cc0075	-	0.75	24 x 0.20	1.05	2.13	2.06	2.20	9.3	26.7	14
H-P 1819	919cc1819	18	0.96	19 x 0.254	1.20	2.28	2.21	2.35	11	20.4	17
H-PM 1,0	919cc0100	-	1.00	32 x 0.20	1.20	2.28	2.21	2.35	12	20.0	17
H-P 1619	919cc1619	16	1.23	19 x 0.287	1.36	2.44	2.37	2.51	14	15.7	20
H-PM 1,5	919cc0150	-	1.50	30 x 0.25	1.50	2.58	2.51	2.65	17	13.7	22
H-P 1419	919cc1419	14	1.94	19 x 0.361	1.71	3.01	2.94	3.08	22	10.0	27
H-PM 2,5	919cc0250	-	2.50	50 x 0.25	1.95	3.25	3.18	3.32	27	8.21	31

Core identification: Replace 'cc' in the article number with 2 digits below to select from available colours

00 Black 11 Brown 22 Red 33 Orange 44 Yellow 55 Green 66 Blue 77 Violet 88 Grey 99 White 29 Pink

Marking Not applicable

Characteristics and key properties

		RoHS REACH LVD		Current rating IEC 60287	Fluid resistant Water			Halogen free		MBR Fixed = 5x Ø Flexing = 10x Ø
								Temp low -60°C	Temp >20,000 hrs +80°C	

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