


PTFE / H-RET NPC

PTFE insulated cores, based on: NEMA HP-3
Intended for use as internal wiring of equipment

Order reference		Conductor				Finished wire				Electrical		
		Nickel Plated Copper (NPC)				PTFE			Weight	DC resistance	DC Current rating In free air at 40°C	Voltage
		Size		Stranding	Wire	Core		Tolerance				
Description (NSN - if applicable)	Article Number	AWG	mm ²	# x mm	Nom ∅	Nom ∅	Min ∅	Max ∅	Nom g/m	Ω/km	Amps	V AC U ₀ /U
H-RET 3201 NPC	211cc3201	32	0.03	1 x 0.203	0.20	0.52	0.40	0.56	0.70	580.7	4	250/500
H-RET 3207 NPC	211cc3207		0.04	7 x 0.079	0.24	0.56	0.51	0.61	0.80	610.2		
H-RET 3219 NPC	211cc3219		0.04	19 x 0.051	0.25	0.56	0.51	0.61	0.80	587.2		
H-RET 3001 NPC	211cc3001	30	0.05	1 x 0.254	0.25	0.56	0.51	0.61	0.90	360.8	6	
H-RET 3007 NPC	211cc3007		0.06	7 x 0.102	0.30	0.61	0.56	0.66	1.0	360.8		
H-RET 3019 NPC	211cc3019		0.06	19 x 0.064	0.32	0.61	0.56	0.66	1.0	367.4		
H-RET 2801 NPC	211cc2801	28	0.08	1 x 0.320	0.32	0.64	0.59	0.69	1.2	227.6	8	
H-RET 2807 NPC	211cc2807		0.09	7 x 0.127	0.38	0.69	0.54	0.74	1.5	221.7		
H-RET 2819 NPC	211cc2819		0.09	19 x 0.079	0.39	0.69	0.54	0.74	1.5	227.3		
H-RET 2601 NPC	211cc2601	26	0.13	1 x 0.404	0.40	0.71	0.66	0.76	1.7	143.0	10	
H-RET 2607 NPC	211cc2607		0.14	7 x 0.160	0.48	0.79	0.74	0.84	2.1	138.4		
H-RET 2619 NPC	211cc2619		0.16	19 x 0.102	0.48	0.79	0.74	0.86	2.2	134.5		
H-RET 2401 NPC	211cc2401	24	0.20	1 x 0.511	0.51	0.81	0.76	0.86	2.5	89.56	14	
H-RET 2407 NPC	211cc2407		0.22	7 x 0.203	0.60	0.91	0.86	0.96	3.0	85.30		
H-RET 2419 NPC	211cc2419		0.24	19 x 0.127	0.60	0.91	0.86	0.99	3.2	82.67		
H-RET 2201 NPC	211cc2201	22	0.32	1 x 0.643	0.64	0.95	0.89	1.02	3.7	56.43	19	
H-RET 2207 NPC	211cc2207		0.36	7 x 0.254	0.76	1.07	1.02	1.12	4.4	53.15		
H-RET 2219 NPC	211cc2219		0.38	19 x 0.160	0.76	1.07	1.02	1.17	4.7	51.50		
H-RET 0,5 NPC	211cc0050	-	0.50	16 x 0.200	0.88	1.25	1.20	1.30	6.0	40.10	25	
H-RET 2001 NPC	211cc2001	20	0.52	1 x 0.813	0.81	1.12	1.07	1.17	5.6	35.43	25	
H-RET 2007 NPC	211cc2007		0.56	7 x 0.320	0.96	1.27	1.22	1.32	6.6	33.46		
H-RET 2019 NPC	211cc2019		0.60	19 x 0.203	0.96	1.27	1.22	1.32	7.1	31.75		

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 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	Low smoke	Flame retardant	+260°C High temp
	Complies with NEMA HP-3			Current rating to IEC 60287	-65°C Low temp	

DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use. Valid at the time of publication, it is subject to change without notice. Data indicates nominal values in millimetres (mm) unless otherwise stated.