

HEATSENSE®

C A B L E S

Specialist High-Performance Solutions

HEATSENSE - SPECIFICATION DATA SHEET

CABLE TYPE

400°C GLASS FIBRE INSULATED PURE NICKEL 205 WIRE

GENERAL DESCRIPTION

PURE NICKEL 205 WIRE CONDUCTORS INSULATED WITH LAPPED GLASS YARN AND BRAIDED GLASS YARN, CONSOLIDATED WITH SILICONE VARNISH.

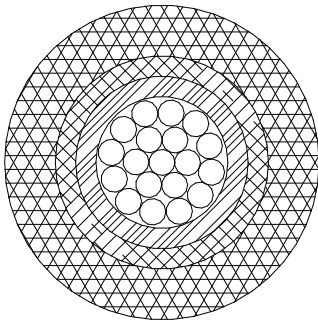
RELEVANT STANDARDS

GENERAL PURPOSE - INTERNAL HEATSENSE SPECIFICATION

Heatsense Part Number	Conductor C.S.A (mm ²)	Equivalent AWG Size (aprox.)	Conductor Stranding (mm)	Conductor Diameter (mm) Nominal	Overall Diameter (mm) Nominal	Current Rating (A) Maximum *	Conductor Resistance (Ω/Km Nom)
HSV24GBJ.	0.22	24	07/0.200	0.60	1.50	4	432
HSV22GFJ.	0.50	22	16/0.200	0.93	1.83	7	189
HSV20GGJ.	0.75	20	24/0.200	1.14	2.04	10	126
HSV18GJJ.	1.00	18	32/0.200	1.40	2.30	11	94
HSV16GHJ.	1.50	16	30/0.250	1.60	2.50	15	64
HSV14GKJ.	2.50	14	50/0.250	2.00	2.90	22	38
HSV12GLJ.	4.00	12	56/0.300	2.60	3.50	30	24
HSV10GNJ.	6.00	10	84/0.300	3.10	4.40	40	16
HSV08GMJ.	10.0	8	80/0.400	4.20	5.80	61	9

* BASED ON A 40°C AMBIENT TEMPERATURE WITH 110°C CONDUCTOR RISE DUE TO CURRENT ONLY

Standard colour is White (natural). Colours or identification tracers are available on request.



CABLE CHARACTERISTICS :

VOLTAGE RATING: 240V RMS

TEMPERATURE RATING: -75°C to + 400°C

TYPICAL APPLICATIONS: GENERAL HIGH TEMPERATURE LOW VOLTAGE APPLICATIONS, OVENS, KILNS, HARSH INDUSTRIAL ENVIRONMENTS.

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