

H05V-K&H07V-K

0.5mm² to 120mm²

PVC Sheath

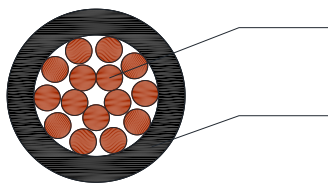


CI 4063- CI 4077

Applications

Cable designed for internal wiring in switch control, relay and instrumentation panels of power switchgear and for purposes such as stationary, static appliances, internal connectors in rectifier equipment, motor starters and controllers.

Cross Section Drawing



Conductor

Insulation

Design

Unit	Properties
Conductor	Class 5 flexible plain copper wire
Insulation	Polyvinylchloride (PVC) Colour: Black, Green, Red, Blue, Blue, Yellow etc.
Standard Put Up Length	100 Yard Coil (91m)

*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

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C14063- C14077

Electrical Characteristics at 20°C

Cable Type	Conductor Gauge (sq mm)	Max DC Resistance (Ohm/km)	Rated Temperature (°C)	Rated Voltage (V)
H05V-K	0.5	< 39	-30 to +105	600/1000
	0.75	< 27	-30 to +105	600/1000
	1.0	< 20.2	-30 to +105	600/1000
H07V-K	1.5	< 14	-30 to +105	600/1000
	2.5	< 8.4	-30 to +105	600/1000
	4.0	< 5.0	-30 to +105	600/1000
	6.0	< 3.3	-30 to +105	600/1000
	10.0	< 1.91	-30 to +105	600/1000
	16.0	< 1.21	-30 to +105	600/1000
	25.0	< 0.78	-30 to +105	600/1000
	35.0	< 0.554	-30 to +105	600/1000
	50.0	< 0.386	-30 to +105	600/1000
	70.0	< 0.272	-30 to +105	600/1000
	95.0	< 0.206	-30 to +105	600/1000
120.0	< 0.161	-30 to +105	600/1000	

Constructional Information

P/N	Conductor Gauge (sq mm)	Nom. Thickness of insulation (mm)	Overall Diameter (mm)	Nom. Weight (kg/km)	Minimum Bending Radius (mm)
C14063	0.5	0.6	2.3	9	9
C14064	0.75	0.6	2.4	12	10
C14065	1.0	0.6	2.6	15	11
C14066	1.5	0.7	3.2	21	13
C14067	2.5	0.8	3.8	33	16
C14068	4.0	0.8	4.3	47	18
C14069	6.0	0.8	4.8	66	20
C14070	10.0	1.0	6.3	112	26
C14071	16.0	1.0	7.4	170	47
C14072	25.0	1.2	9.1	261	54
C14073	35.0	1.2	10.3	358	77
C14074	50.0	1.4	12.3	510	88
C14075	70.0	1.4	14.0	927	100
C14076	95.0	1.6	16.2	1048	111
C14077	120.0	1.6	17.8	1170	123

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Reference Standards

EN 50525-2-31	IEC 60228
EN 50290-2	IEC 60332-1
RoHS directives	