

2491X Flexible Cable H05V-K H07V-K

Eland Product Group **A5V****Application**

Designed for use in the switch control, relay and instrumentation panels of power switchgear and for purposes such as internal connectors in rectifier equipment, motor starters and controllers.

Standards

BS6004, Cenelec HD21.3

Conductor

Flexible class 5 copper conductors to BS6360

Insulation

PVC Type TI 1 to BS7655

Colour

Black, Blue, Green/Yellow, Red, Yellow, White, Violet, Brown, Grey, Orange, Pink

Voltage Rating

H05V-K 300/500V; H07V-K 450/750V

Temperature Rating

0 to +70°C

Minimum Bending Radius

6 x overall diameter

**Dimensions****H05V-K**

Eland Part Number	Nominal Cross Sectional Area mm ²	Nominal Overall Diameter mm	Nominal Weight kg/Km
A5VKBK0005	0.50	2.1	8.0
A5VKBK0075	0.75	2.3	10.6
A5VKBK0010	1.00	2.5	13.7

H07V-K

Eland Part Number	Nominal Cross Sectional Area mm ²	Nominal Overall Diameter mm	Nominal Weight kg/Km
A7VKBK0015	1.5	3.1	20
A7VKBK0025	2.5	3.6	31
A7VKBK0040	4.0	4.3	46
A7VKBK0060	6.0	5.5	75
A7VKBK010	10.0	6.8	125
A7VKBK016	16.0	8.6	199
A7VKBK025	25.0	10.0	299
A7VKBK035	35.0	11.5	421
A7VKBK050	50.0	13.8	539
A7VKBK070	70.0	15.6	730
A7VKBK095	95.0	17.5	973
A7VKBK120	120.0	20.3	1208
A7VKBK150	150.0	23.0	1524
A7VKBK185	185.0	25.0	1859
A7VKBK240	240.0	27.8	2360

Electrical Characteristics**Resistance Values (ohms per kilometre and Mohms per kilometre)****H05V-K**

Eland Part Number	Nominal Cross Sectional Area mm ²	Conductor Resistance at 20°C Max. ohms/Km	Insulation Resistance at 70°C Min. Mohms/Km
A5VKBK0005	0.50	39.0	0.014
A5VKBK0075	0.75	26.0	0.013
A5VKBK0010	1.00	19.5	0.011

H07V-K

Eland Part Number	Nominal Cross Sectional Area mm ²	Conductor Resistance at 20°C Max. ohms/Km	Insulation Resistance at 70°C Min. Mohms/Km
A7VKBK0015	1.5	13.3	0.0100
A7VKBK0025	2.5	8.0	0.0090
A7VKBK0040	4.0	5.0	0.0070
A7VKBK0060	6.0	3.3	0.0060
A7VKBK010	10.0	1.9	0.0065
A7VKBK016	16.0	1.2	0.0046
A7VKBK025	25.0	0.8	0.0044
A7VKBK035	35.0	0.6	0.0038
A7VKBK050	50.0	0.4	0.0037
A7VKBK070	70.0	0.3	0.0032
A7VKBK095	95.0	0.2	0.0032
A7VKBK120	120.0	0.2	0.0029
A7VKBK150	150.0	0.1	0.0029
A7VKBK185	185.0	0.1	0.0029
A7VKBK240	240.0	0.1	0.0028