

DATA SHEET

TYPE : PVC insulated, PVC sheathed , flat twin with insulated earth cable

STANDARDS : IS 201.4:2013 , Table 1
CONSTRUCTION : Copper Conductor EN 60228 Class 1-2
PVC Insulation (TII)
PVC Sheath (Type6)

TECHNICAL DATA : Max. Operating Temperature : + 70 °C
Rated Voltage : 300/500 V

CORE IDENTIFICATION : Two core with insulated CPC
Brown and blue, or, for 2 × 1.0 and 2 × 1.5 cables, brown and brown
Earth core is green/yellow

COLORS OF SHEATHED : Grey , Black, Red

MARKING: CMK BASEC IE-N05VVH4-U 3x 1.5 mm² ELECTRIC CABLE IS 201.4:2013 300/500 V CE 2017
(Embossing or Inkjet)

Section (mm ²)	Earth conductor cross section (mm ²)	Conductor Class (mm)	Conductor Resistance Max. (Ohm / km)	Insulation Thickness	Sheath Thickness	Sheath Diameter	
			Insulation	mm.	mm	Min. mm	Max. mm
2 x 1	1	1	18,1	0.6	0.9	4x8,4	4,7x9,8
2 x 1	1	2	18,1	0.6	0.9	4x8,4	4,7x9,8
2x1.5	1.5	1	12,1	0.7	0.9	4,4x9,8	5,4x11,7
2x1.5	1.5	2	12,1	0.7	0.9	4,5x9,8	5,4x11,7
2 x 2.5	2.5	1	7.41	0.8	1.0	5,2x11,9	6,2x13,5
2 x 2.5	2.5	2	7,41	0.8	1.0	5,2x11,9	6,2x13,5
2 x 4	4	2	4,61	0.8	1.1	5,8x13,6	7,2x16,5
2 x 6	6	2	3,08	0.8	1.1	6,4x15,0	8,0x18,0
2 x 10	10	2	1,83	1.0	1,2	7,8x19,0	9,6x22,5
2 x 16	16	2	1,15	1.0	1,3	9,0x22,0	11,2x26,5

Reaction to Fire: Class E (CPR EN 50575:2014/A1:2016)

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