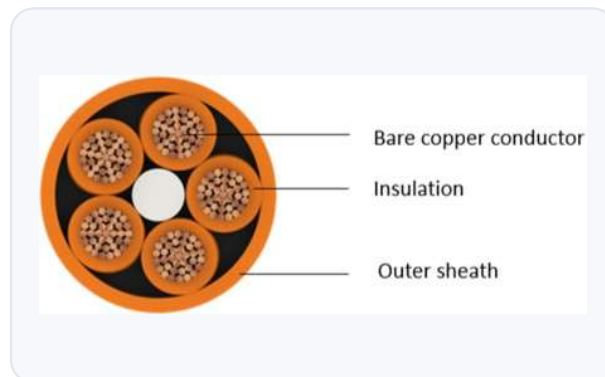


MULTICORE FLEXIBLE CONTROL CABLE · CLASS 5 COPPER · PVC INSULATED · OIL-RESISTANT PVC SHEATH · BS EN 50525-2-51

INDOCABLES CLASSIC 110 ORANGE CONTROL CABLE

300/500 V AC



Images not to scale. Follow table for dimensions

APPLICATION

INDOCABLES CLASSIC 110 Orange, fine wire flexible copper conductor, PVC insulated with PVC outer sheath is designed to use for electrical lighting & socket circuits for maintenance or repair purpose, undervoltage protection circuits, interlocking control circuits and torsional application in wind turbine generator.

CONSTRUCTION

- 01 Conductor:** Fine wire stranded bare copper conductor as per IEC 60228/VDE 0295, class 5
- 02 Insulation:** In-house developed special PVC compound
- 03 Laid up:** insulated core laid suitably
- 04 Sheath:** In-house developed oil resistant PVC compound. (Colour: Orange)

CHARACTERISTICS

VOLTAGE RATING	U_0/U : 300/500 V
OPERATION TEMPERATURE	-15°C to + 90° C
CORE IDENTIFICATION	Orange with black numbering
SHEATH COLOUR	● Orange
BENDING RADIUS	Occasional flexing 15 x Overall diameter Fixed installation 8 x Overall diameter
TEST VOLTAGE	2 kV

STANDARD FOLLOWS

IEC 60228/VDE 0295

BS EN 50525-2-51

IEC 60227-5

VDE 0281-13

COMPLIANCE

Conductor resistance IEC 60228

Flame retardant IEC 60332-1-2

Test voltage 2 kV

 Voltage test on complete
cable

**ACCREDITATIONS
& APPROVAL**


ISI



ISO 9001


 Make in
India

CM/L 6200267207

TABLE 1 WEIGHT & DIMENSION DATA

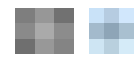
PRODUCT CODE	NO. OF CORE AND CROSS SECTION AREA	OVERALL DIAMETER (APPROX.)	WEIGHT (APPROX.)
	n x mm ²	mm	Kg/km
IC-CT-02-00100-CU-PVC-H05VK-0300-IEC60227P5-FR-OIL	2 X 1	5.6	53
IC-CT-03-00100-CU-PVC-H05VK-0300-IEC60227P5-FR-OIL	3 G 1	6.0	64
IC-CT-03-00100-CU-PVC-H05VK-0300-IEC60227P5-FR-OIL *	3 X 1	6.0	64
IC-CT-04-00100-CU-PVC-H05VK-0300-IEC60227P5-FR-OIL	4 G 1	6.7	81
IC-CT-04-00100-CU-PVC-H05VK-0300-IEC60227P5-FR-OIL *	4 X 1	6.7	81
IC-CT-05-00100-CU-PVC-H05VK-0300-IEC60227P5-FR-OIL	5 G 1	7.3	87
IC-CT-02-00150-CU-PVC-H05VK-0300-IEC60227P5-FR-OIL	2 X 1.5	6.6	74
IC-CT-03-00150-CU-PVC-H05VK-0300-IEC60227P5-FR-OIL	3 G 1.5	7.1	91
IC-CT-04-00150-CU-PVC-H05VK-0300-IEC60227P5-FR-OIL	4 G 1.5	7.9	115
IC-CT-05-00150-CU-PVC-H05VK-0300-IEC60227P5-FR-OIL	5 G 1.5	8.7	123

The above data is approximate & subject to manufacturing tolerance.

Product codes follow the Indo Cables product-code structure: IC – LINE – CORES – SIZE – CONDUCTOR – INSULATION – DESIGNATION – VOLTAGE – STANDARD – OPTION. CT denotes the control-cable line, H05VK the multicore PVC flexible class 5 construction at 300/500 V, FR the flame-retardant compound and OIL the oil-resistant sheath. No row on this sheet has a match in the Item Master: the register holds no item on IEC 60227-5, so all 8 distinct codes are derived from the code structure and are pending entry. * marks a row that repeats the code of the row above it.

FLAGGED FOR CONFIRMATION

- Nothing on this sheet is in the register. The Item Master carries no item on IEC 60227-5, and the STANDARD block on tab 5 REF TABLES holds IEC60227P7 but no IEC60227P5. The code used here follows the register's own naming pattern and needs one typed row before these items go ACTIVE.
- Every old code on this sheet ends IS694 — IS 694, the Indian standard for PVC insulated cables and cords — while the sheet's own Standard-follows block lists IEC 60227-5, BS EN 50525-2-51 and VDE 0281-13, no Indian Standard. The derived codes carry IEC60227P5. Confirm which standard governs the item.
- The code structure has no G / X segment, so a G variant (with green/yellow protective core) and its X variant carry the same code. The 3 G 1 / 3 X 1 and 4 G 1 / 4 X 1 pairs repeat a code, as they do in the source sheet. A distinguishing segment or option is needed.



- 04 The 1 mm² group carries both G and X variants; the 1.5 mm² group carries G variants only, and no 5 X 1.5 row. Reproduced as written.
- 05 Operation temperature reads -15°C to + 90° C in the source, with the degree sign detached from the second value. Reproduced as written.
- 06 The source carries no current-carrying capacity, conductor resistance or de-rating table. This sheet therefore ends at dimensional data; the electrical tables are needed to complete it.
- 07 Two options are carried on the code: FR for the flame-retardant compliance line and OIL for the oil-resistant sheath named in Construction. Confirm both, or drop OIL to match the CLASSIC 100 sheet.
- 08 Line CT is used to match this sheet series and the old code, which also began CT. A class 5 flexible construction also reads as FX, which is where the register keeps its H05VK items — steward to confirm.
- 09 No Indian Standard governs this sheet, so no BIS licence covers it. The ISI mark is printed as instructed and the licence line shows CM/L 6200267207, the number the register carries against its PVC class 5 flexible 300/500 V items. Confirm the correct licence, or hide the line from Tweaks.
- 10 The uploaded file name reads CONTROL CBALE. The file name is kept character for character as the catalogue tracking key; the sheet title uses the spelling from the document header, CONTROL CABLE.
- 11 The ISO 9001 mark is a 52 × 53 px crop from a supplied screenshot and prints well below the resolution a 300 dpi sheet needs; supply a vector or print-resolution file. No RoHS or REACH mark is printed: no control-cable source sheet claims either, so the marks would be an unsupported compliance claim. Confirm whether the range is RoHS and REACH certified and supply those logo files if it is. The Make in India mark is a 76 × 39 px crop from a supplied screenshot and prints at roughly a quarter of the resolution a 300 dpi sheet needs; supply a print-resolution file or hold the mark off the sheet. The reference header shows a lockup carrying the tagline EVERY CONNECTION MATTERS. No supplied logo file contains it and the design system has no confirmed tagline, so the header prints the stacked lockup alone; supply that lockup, or confirm the tagline, to set it.