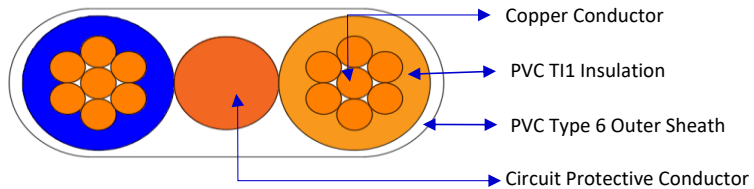


Customer : AGOSTINI'S LTD
KEI Ref No. : : KEI/MUM/MEQ217/2023-24
TDS Rev : 01

Cable Description

300/500 V, Stranded (Class-2) Non-Compact Circular Plain Annealed Copper Conductor, Extruded PVC TI 1 Insulated core with a centrally laid bare copper earth conductor, Overall extruded PVC Type 6 Outer Sheathed Twin Flat Cable manufactured to BS 6004 (6242Y)

Cable Cross sectional Drawing



S.No.	Descriptions	No. of Core x Cable Size	2C x 1.5 + 1.0 Bare Cu	2C x 2.5 + 1.5 Bare Cu	2C x 4 + 1.5 Bare Cu
1	GENERAL Name of Manufacture Country of Origin Voltage Grade Referred Standards	KEI INDUSTRIES LTD. INDIA 300/500 Volts BS 6004			
2	CONDUCTOR Material Cross Sectional Area Shape	Stranded (Class 2) Annealed Plain Copper Conductor as per BS EN 60228 sq.mm. Non-Compacted Circular			
3	Bare Circuit Protective Conductor Material Cross Sectional Area Shape	Soild (Class 1) Annealed Plain Copper Conductor as per BS EN 60228 sq.mm. Circular			
4	CONDUCTOR TEMPERATURE Rated During short circuit	70° C. 160° C.			
4	INSULATION Material Thickness (Nom.)	Extruded PVC Type TI 1 as per BS EN 50363-3 mm			
5	CORE IDENTIFICATION	2C- Brown, Blue			
6	Lay Up	Two PVC insulated conductors with a centrally laid bare copper earth conductor.			
7	OUTER SHEATH Material Thickness (Nom.) Minimum Overall Diameter (H x W) Maximum Overall Diameter (H x W) Colour Approximate Cable Weight	Extruded PVC Type 6 Outer sheath as per BS 7655-4.2 mm mm mm White kg/km			
8	ELECTRICAL DATA Max.D.C.resistance at 20deg.c. A.C. resistance at 70 deg C Short circuit current rating of conductor Current Rating In Air at 30 deg C In Ground at 20 deg C	ohm/km ohm/km KA for 1second Amps Amps			
9	CABLE DATA Roll Length Tolerance on individual Roll Overall order Qty tolerance Cable Marking - Embossing or Indenting * For marking details, Please Refer to Clause No 11 of BS 6004:2012 for additional required details Sequential length marking (By Printing) Min. Bending radius (for installation)	100 mtrs Roll ± 2 % ± 2 % KEI (SLV) BASEC ELECTRIC CABLE 300/500 V BS 6004 6242Y CABLE SIZE YEAR OF MFR H MADE IN INDIA shall be provided at every one mtr 12 x OD			

KEI Industries Ltd.

Prepared : PRB

Approved : SG

Date: 20-01-2024

Scale: Not to scale

DOC No.: MEQ217 - ECC(BASEC)

Rev. 01