Tri-rated to BS6231 type CK

High temperature, flame retardant cable designed for use in the switch control, relay and instrumentation panels.

Conductor copper, class 5 (flexible), based on EN60228 / IEC 60228 and BS 6360.

Insulation Flexible PVC, extra sliding, high service temperature type TI3 according to UNE 21031/HD 21 and Class 43 UL 1581.

Voltage Rating (Uo/U) UL, CSA: 600/1000V
BS 6231: 600/1000V
BS EN 50525-2-31: 300/500V, 450/750V

Temperature Rating UL, CSA: +105°C
BS 6231: +90°C
Minimum: -15°C

Min Bending Radius 6 x overall diameter

Cable Standards: BS EN 50525-2-31* BS 6231 Type CK, UL Subj.758,
CSA C22.2 No. 210 (HD 21.7 S2) #LL246095,
BS EN/IEC 60332, BS EN 60228

0.5sqmm - 120sqmm: Tri-rated BS6231: Single core cables, PVC insulated for switchgear and control gear UL (Underwriters laboratories) & CSA (Canadian standards approval) 150sqmm - 300sqmm: Bi-rated UL & CSA only.

nominal cross sectional area mm²	max diameter of wires in conductor mm	max resistance of conductor at 20°c	current rating amps	votage drop mV/A/m
0.5	0.21	39	11	46
0.75	0.21	26	14	31
1	0.21	1905	17	22
1.5	0.26	13.3	21	15
2.5	0.26	7.98	30	9.1
4	0.31	4.95	41	5.7
6	0.31	3.3	53	3.8
10	0.41	1.91	75	2.2
16	0.41	1.21	100	1.4
25	0.41	0.78	136	0.89
35	0.41	0.554	167	0.64
50	0.41	0.386	204	0.45
70	0.51	0.272	259	0.32
95	0.51	0.206	321	0.24
120	0.51	0.161	374	0.19
150	0.51	0.129	429	0.16
185	0.51	0.16	496	0.13
240	0.51	0.0801	595	0.1
current ratings based on a conductor operating temp of 90°c ambient air temp of 45°c				