



## 'Guardian' XLPEAli-TubeLSZH 6001000V 'ERA' Approved Current Ratings

### Guardian cable BS7671

#### Current carrying capacity (amperes):

Ambient temperature: 30°C

Conductor operating temperature: 90°C

Conductor cross-sectional area	Reference Method 1 (clipped direct)			
	Two core cable, single phase a.c or d.c		Three or four core cable, three phase a.c	
	Current rating amp	Volt drop mV per amp per metre	Current rating amp	Volt drop mV per amp per metre
1 (mm <sup>2</sup> )	(A)	(mV)	(A)	(mV)
1.5	24	31	22	27
2.5	33	19	30	16
4	45	12	40	10
6	58	7.9	52	6.8

Conductor cross-sectional area	Reference Method 11 (on cable tray)			
	Two core cable, single phase a.c or d.c		Three or four core cable, three phase a.c	
	Current rating amp	Volt drop mV per amp per metre	Current rating amp	Volt drop mV per amp per metre
1 (mm <sup>2</sup> )	(A)	(mV)	(A)	(mV)
1.5	26	31	23	27
2.5	36	19	32	16
4	49	12	42	10
6	54	7.9	54	6.8