

# BOSTRIG™ TYPE P CONTROL CABLE 600V OR 0.6/1kV

Multi-conductor / armored and sheathed

TYPE P CONTROL CABLE 600V OR 0.6/1kV 12 & 10 AWG

A brand of the

**Prysmian**  
Group

## 12 AWG • 3.08 mm<sup>2</sup>

Type Designation	Draka Number	Number of Conductor	Insulation Thickness		Sheath Thickness		Cable Diameter		Cable Weight	
			in	mm	in	mm	in	mm	Lbs/Mft	Kg/Km
C12PNBS-2	T26300	2	0.030	0.76	0.060	1.5	0.610	15.5	260	385
C12PNBS-3	T26301	3	0.030	0.76	0.060	1.5	0.640	16.3	295	440
C12PNBS-4	T26302	4	0.030	0.76	0.060	1.5	0.680	17.3	340	505
C12PNBS-5	T26303	5	0.030	0.76	0.060	1.5	0.710	18.0	370	550
C12PNBS-6	T26304	6	0.030	0.76	0.060	1.5	0.770	19.6	445	660
C12PNBS-7	T26305	7	0.030	0.76	0.060	1.5	0.770	19.6	460	685
C12PNBS-8	T26306	8	0.030	0.76	0.060	1.5	0.800	20.3	485	720
C12PNBS-10	T26307	10	0.030	0.76	0.080	2.0	0.960	24.4	675	1,005
C12PNBS-12	T26308	12	0.030	0.76	0.080	2.0	0.970	24.6	720	1,070
C12PNBS-16	T26309	16	0.030	0.76	0.080	2.0	1.110	28.2	955	1,420
C12PNBS-20	T26310	20	0.030	0.76	0.080	2.0	1.190	30.2	1,135	1,690
C12PNBS-24	T26311	24	0.030	0.76	0.080	2.0	1.310	33.3	1,310	1,950
C12PNBS-30	T26312	30	0.030	0.76	0.080	2.0	1.330	33.8	1,495	2,225
C12PNBS-37	T26313	37	0.030	0.76	0.080	2.0	1.460	37.1	1,765	2,625
C12PNBS-44	T26314	44	0.030	0.76	0.080	2.0	1.620	41.1	2,100	3,125
C12PNBS-60	T26315	60	0.030	0.76	0.110	2.8	1.830	46.5	2,770	4,120
C12PNBS-91	T26316	91	0.030	0.76	0.110	2.8	2.200	55.9	4,045	6,020

## 10 AWG • 5.53 mm<sup>2</sup>

Type Designation	Draka Number	Number of Conductor	Insulation Thickness		Sheath Thickness		Cable Diameter		Cable Weight	
			in	mm	in	mm	in	mm	Lbs/Mft	Kg/Km
C10PNBS-2	T26317	2	0.030	0.76	0.060	1.5	0.680	17.3	320	475
C10PNBS-3	T26318	3	0.030	0.76	0.060	1.5	0.700	17.8	375	560
C10PNBS-4	T26319	4	0.030	0.76	0.060	1.5	0.750	19.1	440	655
C10PNBS-5	T26320	5	0.030	0.76	0.060	1.5	0.800	20.3	510	760
C10PNBS-6	T26321	6	0.030	0.76	0.080	2.0	0.900	22.9	600	895
C10PNBS-7	T26322	7	0.030	0.76	0.080	2.0	0.900	22.9	635	945
C10PNBS-8	T26323	8	0.030	0.76	0.080	2.0	0.950	24.1	710	1,055
C10PNBS-10	T26324	10	0.030	0.76	0.080	2.0	1.120	28.4	950	1,415

The current limit on these cables should be for providing control functions through relays and switching devices. The maximum current for any one conductor should not exceed the value Table 3 for three conductor cables. The average of all conductors should not exceed the limit based on the total number of conductors in the cable taken from Table 4 multiplied by the ampacity from Table 3. Three conductor or four conductor cables with three current carrying conductors may be used for continuous power.

This information is provided for reference only. Please consult the factory or your representative to confirm all engineering information.

This information is not intended to replace the information in the appropriate and applicable standard or code.

Ampacity based on 45°C ambient temperature; 95°C values based on ABS MODU Rules Table 6 • 100°C values based on IEEE 45 • 110°C values based on API 14F.

**TABLE 3**

Three Conductor Cable, Four Conductor Cables with Three Current Carrying Conductors 45°C Ambient

Conductor Size			95°C	100°C	110°C	125°C*
Gauge	CMA	mm <sup>2</sup>				
12	6,503	3.30	26	31	33	37
10	10,908	5.53	37	41	44	49

\*125°C ampacities based on 45°C ambient in free air. Consult factory for conditions of use.

**TABLE 4**

Cables with more than Four Current Carrying Conductors

Number of Conductors	% of 3 Conductor Ampacity Values
4-6	80
7-9	70
10-20	50
21-30	45
31-40	40
41-60	35
61 and greater	30