

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

Multi-conductor / unarmored

TYPE P CONTROL CABLE 600V or 0.6/1kV **16 AWG**

A brand of the

Prysmian
Group

16 AWG / 600V or 0.6/1kV • 1.23 mm²

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
C16PN-2	T26190	2	0.030	0.76	0.060	1.5	0.360	9.1	70	105
C16PN-3	T26191	3	0.030	0.76	0.060	1.5	0.380	9.7	85	125
C16PN-4	T26192	4	0.030	0.76	0.060	1.5	0.410	10.4	105	155
C16PN-5	T26193	5	0.030	0.76	0.060	1.5	0.440	11.2	125	185
C16PN-6	T26194	6	0.030	0.76	0.060	1.5	0.480	12.2	145	215
C16PN-7	T26195	7	0.030	0.76	0.060	1.5	0.480	12.2	150	225
C16PN-8	T26196	8	0.030	0.76	0.060	1.5	0.520	13.2	185	275
C16PN-10	T26197	10	0.030	0.76	0.060	1.5	0.600	15.2	220	325
C16PN-12	T26198	12	0.030	0.76	0.060	1.5	0.620	15.7	235	350
C16PN-16	T26199	16	0.030	0.76	0.060	1.5	0.680	17.3	315	470
C16PN-20	T26200	20	0.030	0.76	0.060	1.5	0.750	19.1	385	575
C16PN-24	T26201	24	0.030	0.76	0.060	1.5	0.810	20.6	450	670
C16PN-30	T26202	30	0.030	0.76	0.080	2.0	0.930	23.6	580	865
C16PN-37	T26203	37	0.030	0.76	0.080	2.0	1.000	25.4	695	1,035
C16PN-44	T26204	44	0.030	0.76	0.080	2.0	1.120	28.4	825	1,230
C16PN-60	T26205	60	0.030	0.76	0.080	2.0	1.230	31.2	1,070	1,590
C16PN-91	T26206	91	0.030	0.76	0.080	2.0	1.420	36.1	1,645	2,450

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

Gauge	Conductor Size		95°C	100°C	110°C	125°C*
	CMA	mm ²				
16	2,061	1.32	16	17	18	18

*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