

Appendix-A Wire List

No	Name	Required Length (m/12 cars) (B)	Purpose
1	RTXE-16-600V	{ 174,041 221,000 }	Control
2	TXE-14-600V	{ 1,577 2,000 }	Low Voltage Power
3	TXE-10-600V	2,000	Low Voltage Power } (B)
4	TXE-8-600V	{ 2,154 2,000 }	Low Voltage Power
5	TXE-2-600V	{ 396 500 }	Low Voltage Power
6	RTXE 2/C 16S-600V	{ 4,830 4,200 }	Communication
7	RTXE 4/C 16S-600V(Shielded)	{ 1,581 3,200 }	Control (Pulse Generator)
8	2PR 22 AWG 7/30 CAT5E	{ 6,365 4,800 }	Ethernet
9	RTXE 6/C 16-600V	{ 582 4,000 }	Jumper Wire (Non shield)
10	TXE-16-2KV	{ 1,332 4,700 }	High Voltage Power
11	TXE-6-2KV	{ 50 500 }	High Voltage Power
12	TXE-4-2KV	{ 273 500 4,100 }	High Voltage Power
13	TXE-2-2KV	{ 693 4,000 3,000 }	High Voltage Power
14	TXE-1/0-2KV	{ 327 500 4,000 }	High Voltage Power
15	TXE-3/0-2KV	{ 1,761 2,200 4,500 }	High Voltage Power
16	TXE-313-2KV	{ 1,156 4,600 200 }	High Voltage Power
17	TXE-12-600V	{ 596 4,100 }	Low Voltage Power
18	RTXE-14-600V	{ 37,000 48,000 }	Low Voltage Power
19	TXE-8-2KV	{ 800 4,000 700 }	Low Voltage Power
20	TXE-16-600V	{ 4,716 5,900 }	Jumper wire in conduit
21	TXE-6-600V	3,800	Low Voltage Power } (B)
22	4 PR 24 AWG 7/32 CAT 5E	{ 1,952 5,200 }	RS-485
23	TXE-4/0-2KV	{ 251 500 }	High Voltage Power
24	TXE-2/0-2KV	{ 948 400 4,200 }	High Voltage Power
25	TXE-1-2KV	{ 1,368 2000 400 }	High Voltage Power
26	TXE-3-2KV	{ 2,645 3,400 4,900 }	High Voltage Power
27	TXE-10-2KV	200	High Voltage Power } (B)
28	RTXE-16C-16	200	Maintenance Vehicle }
29	RTXE-18-600V	{ 17,000 }	Control
30	4/C quad #20 AWG shield 120 ohm	{ 864 700 }	HDLC
31	ZH-CI-1.5mm2	{ 432 400 }	Fire Resistant for heat Detector
32	TXE-3-600V	{ 767 4,200 }	Low Voltage Power
33	TXE-2/0-600V	4,300	Low Voltage Power
34	TXE-1/0-600V	{ 211 500 }	Low Voltage Power