

ARTICLE

692 Fuel Cell Systems	70-542
I General	70-542
II Circuit Requirements	70-543
III Disconnecting Means	70-543
IV Wiring Methods	70-544
V Grounding	70-544
VI Marking	70-544
VII Connection to Other Circuits	70-544
VIII Outputs Over 600 Volts	70-545

695 Fire Pumps	70-545
----------------------	--------

Chapter 7 Special Conditions

700 Emergency Systems	70-551
I General	70-551
II Circuit Wiring	70-552
III Sources of Power	70-553
IV Emergency System Circuits for Lighting and Power	70-554
V Control — Emergency Lighting Circuits	70-555
VI Overcurrent Protection	70-555

701 Legally Required Standby Systems	70-556
I General	70-556
II Circuit Wiring	70-557
III Sources of Power	70-557
IV Overcurrent Protection	70-558

702 Optional Standby Systems	70-559
I General	70-559
II Circuit Wiring	70-559
III Grounding	70-559
IV Sources of Power	70-571

705 Interconnected Electric Power Production Sources	70-560
---	--------

720 Circuits and Equipment Operating at Less Than 50 Volts	70-562
---	--------

725 Class 1, Class 2, and Class 3 Remote-Control, Signaling, and Power-Limited Circuits	70-562
I General	70-562
II Class 1 Circuits	70-563
III Class 2 and Class 3 Circuits	70-565
IV Listing Requirements	70-581

727 Instrumentation Tray Cable: Type ITC	70-571
--	--------

760 Fire Alarm Systems	70-572
I General	70-572
II Non-Power-Limited Fire Alarm (NPLFA) Circuits	70-573
III Power-Limited Fire Alarm (PLFA) Circuits	70-576
IV Listing Requirements	70-581

770 Optical Fiber Cables and Raceways	70-580
I General	70-580
II Protection	70-581
III Cables Within Buildings	70-581
IV Listing Requirements	70-581

780 Closed-Loop and Programmed Power Distribution	70-585
--	--------

Chapter 8 Communications Systems

800 Communications Circuits	70-587
I General	70-587
II Conductors Outside and Entering Buildings	70-588
III Protection	70-589
IV Grounding Methods	70-590
V Communications Wires and Cables Within Buildings	70-591
VI Listing Requirements	70-581

ARTICLE

810 Radio and Television Equipment	70-595
I General	70-595
II Receiving Equipment — Antenna Systems	70-596
III Amateur Transmitting and Receiving Stations — Antenna Systems	70-598
IV Interior Installation — Transmitting Stations	70-599

820 Community Antenna Television and Radio Distribution Systems	70-599
I General	70-599
II Cables Outside and Entering Buildings	70-600
III Protection	70-601
IV Grounding Methods	70-601
V Cables Within Buildings	70-602
VI Listing Requirements	70-581

830 Network-Powered Broadband Communications Systems	70-605
I General	70-605
II Cables Outside and Entering Buildings	70-607
III Protection	70-609
IV Grounding Methods	70-610
V Wiring Methods Within Buildings	70-612
VI Listing Requirements	70-581

TABLES

Chapter 9 Tables

1 Percent of Cross Section of Conduit and Tubing for Conductors	70-615
4 Dimensions and Percent Area of Conduit and Tubing (Areas of Conduit or Tubing for the Combinations of Wires Permitted in Table 1, Chapter 9)	70-615
5 Dimensions of Insulated Conductors and Fixture Wires	70-620
5A Compact Aluminum Building Wire Nominal Dimensions* and Areas	70-622
8 Conductor Properties	70-623
9 Alternating-Current Resistance and Reactance for 600-Volt Cables, 3-Phase, 60 Hz, 75°C (167°F) — Three Single Conductors in Conduit	70-624
11(A) Class 2 and Class 3 Alternating-Current Power Source Limitations	70-626
11(B) Class 2 and Class 3 Direct-Current Power Source Limitations	70-626
12(A) PLFA Alternating-Current Power Source Limitations	70-627
12(B) PLFA Direct-Current Power Source Limitations	70-627
Annex A	70-629
Annex B	70-633
Annex C	70-643
Annex D	70-665
Annex E	70-673
Annex F	70-675
Index	70-679