

600 V Control



Product Description

Continuous aluminum armor
XLP insulation

Applications

Control and lighting circuits in manufacturing and processing plants, feeders in industrial and commercial distribution systems. May be directly buried or installed in cable tray or raceway.

Specifications

- CONDUCTOR: Class B stranded, bare, annealed copper per ASTM B-3 and B-8
- INSULATION: Cross-Linked Polyethylene (XLP) meeting the requirements of ICEA S-95-658 (NEMA WC70) and Type XHHW requirements of UL, color coding is Method 1, Table E-2
- ASSEMBLY: The insulated conductors and a single, uninsulated UL ground wire(s) are cabled with fillers to make round
- ARMOR: An impervious, corrugated continuous seam-welded aluminum alloy sheath in accordance with UL 1569. Armor is pressure-tested and meets the grounding requirements of NEC Article 250
- OVERALL JACKET: Black, sunlight-resistant Polyvinyl Chloride (PVC)
- STANDARDS: Cables are UL listed for cable tray use and meet the IEEE 1202 (70,000 Btu/hr) flame test. Individual conductors and completed cables are tested in accordance with UL 2225 requirements for Type MC-HL cables
- AMPACITY: Based on not more than three conductors in raceway or cable or earth and an ambient temperature of 30°C per NEC table 310.16. All multiconductor values have been derated per 2008 NEC Table 310.15(B)(2)(a)
- TEMPERATURE: 90°C
- VOLTAGE: 600 V

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Part No.	Conductor Size AWG	No. of Strands	No. of Conductors	Insulation Thickness (in.)	Ground Wire Size AWG	Overall Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
7R-1402	14	7	2	0.030	1#14	0.060	0.640	180	25
7R-1403	14	7	3	0.030	3#18	0.050	0.640	174	25
7R-1404	14	7	4	0.030	3#18	0.050	0.650	202	20
7R-1406	14	7	6	0.030	1#14	0.060	0.760	278	20
7R-1408	14	7	8	0.030	1#14	0.060	0.860	337	17
7R-1411	14	7	11	0.030	1#14	0.060	0.950	412	12
7R-1436	14	7	36	0.030	1#14	0.060	1.420	987	10
7R-1202	12	7	2	0.030	1#12	0.050	0.603	196	30
7R-1203	12	7	3	0.030	3#16	0.060	0.680	242	30
7R-1204	12	7	4	0.030	3#16	0.050	0.680	249	24
7R-1206	12	7	6	0.030	3#16	0.060	0.810	350	24
7R-1209	12	7	9	0.030	1#12	0.050	0.890	457	21
7R-1212	12	7	12	0.030	1#12	0.060	0.980	513	15
7R-1003	10	7	3	0.030	3#14	0.060	0.720	308	40
7R-1004	10	7	4	0.030	3#14	0.050	0.730	327	32
7R-1006	10	7	6	0.030	1#10	0.060	0.890	450	32

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