

Product Data Sheet

XLP/LSZH Control



Product Description

XLP insulation
LSZH jacket
90 °C, 600 V

Applications

Designed for power and control, telemetering, relay control, traffic control, switching, lighting and signal transmission. May be used in Class I, Div. 2 and Class II, Div. 2 Hazardous Locations per NEC Art. 501 and 502. These cables also conform to Art. 392 "Cable Trays" and Art. 336 "Power and Control Tray Cable."

Specifications

- CONDUCTORS: Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION: Cross-Linked Polyethylene (XLP) per ICEA S-73-532 (NEMA WC57), meets UL 44 requirements for VW-1, Type XHHW-2 conductors
- COLOR CODE: ICEA Method 1, Table E-2 (formerly K-2)
- ASSEMBLY: Conductors are cabled with fillers where necessary to make round, two conductor cables are flat
- OVERALL JACKET: Sunlight-resistant low smoke zero halogen thermoplastic per UL 1277
- STANDARDS: Meets UL 1277 requirements for Type TC cables having XHHW-2 conductors, cables are listed for direct burial and meet the IEEE 1202 and UL 1685. 70,000 Btu/hr flame tests
- AMPACITY: Based on not more than three conductors in raceway or cable or earth with an ambient temperature of 30°C and a conductor temperature of 90°C per NEC Table 310.16, the values have been derated where applicable
- TEMPERATURE: 90°C
- VOLTAGE: 600 V

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Part No.	Conductor Size AWG/kcmil	No. of Conductors	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
2LS-1002	10	2	0.030	0.045	0.270 x 0.445	114	40
2LS-1003	10	3	0.030	0.045	0.485	62	25
2LS-1003WG	10	3	0.030	0.045	0.485	223	40
2LS-1004	10	4	0.030	0.060	0.560	234	32
2LS-1005	10	5	0.030	0.060	0.620	287	32
2LS-1007	10	7	0.030	0.060	0.670	382	28
2LS-1009	10	9	0.030	0.060	0.760	457	28
2LS-1012	10	12	0.030	0.080	0.910	650	20
2LS-1202	12	2	0.030	0.045	0.245 x 0.400	86	30
2LS-1203	12	3	0.030	0.045	0.435	125	30
2LS-1203WG	12	3	0.030	0.045	0.435	125	30
2LS-1204	12	4	0.030	0.045	0.475	157	24
2LS-1205	12	5	0.030	0.045	0.520	194	24
2LS-1207	12	7	0.030	0.060	0.600	273	21
2LS-1209	12	9	0.030	0.060	0.700	323	21
2LS-1212	12	12	0.030	0.060	0.770	416	15
2LS-1402	14	2	0.030	0.045	0.230 x 0.365	62	25
2LS-1403	14	3	0.030	0.045	0.390	93	25
2LS-1404	14	4	0.030	0.045	0.425	116	20
2LS-1405	14	5	0.030	0.045	0.465	144	20
2LS-1407	14	7	0.030	0.045	0.510	187	17
2LS-1409	14	9	0.030	0.060	0.620	238	17
2LS-1412	14	12	0.030	0.060	0.700	303	12