

HW220: LifeGuard™ POWER CABLE 5kV/8kV UL Type MV-105-LS, 105°C Single Conductor, Shielded EPR Insulation



*Product images are for illustrative purposes only and may differ from the actual product.

Category Conductor Description:

- Compressed soft annealed copper per ASTM B-3, Class B stranding per ASTM B-8, with a semi-conducting conductor shield

Category Insulation Description:

- Ethylene propylene rubber (EPR) per ICEA S-97-682 Type III with a semi-conducting insulation shield

Category Features:

- Cable tray rated on sizes 1/0 AWG and larger Sunlight-resistant Approved for direct burial Very low smoke production when burned

Category Applications:

- LifeGuard™ Low Smoke Zero Halogen cable is for use in power circuits in chemical plants, refineries, steel mills, industrial plants, commercial buildings, utility substations and generating stations. It may be installed in open air, conduit, duct, cable tray when CT rated, or direct buried in earth, in wet and dry locations. It is highly flame retardant, produces very small amounts of smoke when burned and contains no halogens. LifeGuard™ cable is ideal for applications where a high degree of safety and equipment protection is required. It is UL approved for use at 105°C for continuous operation, 140°C for emergency overload conditions, and 250°C for short circuit conditions

Category Jacket Description:

- Sunlight-resistant and flame-retardant, Low Smoke Zero Halogen polyolefin per UL Standard 1072 and ICEA T-33-655 -1994 Section 5-4

Category Standards:

- UL 1685 AEIC C5-8 Note: Some cable insulations may contain trace amounts of halogens.

Overall Shield:

- Uncoated copper tape with a 25% overlap per ICEA S-97-682

Applications:

- LifeGuard™ Low Smoke Zero Halogen cable is for use in power circuits in chemical plants, refineries, steel mills, industrial plants, commercial buildings, utility substations and generating stations. It may be installed in open air, conduit, duct, cable tray when CT rated, or direct buried in earth, in wet and dry locations. It is highly flame retardant, produces very small amounts of smoke when burned and contains no halogens. LifeGuard™ cable is ideal for applications where a high degree of safety and equipment protection is required. It is UL approved for use at 105°C for continuous operation, 140°C for emergency overload conditions, and 250°C for short circuit conditions

Standards:

- UL 1685
- AEIC C5-8
- Note: Some cable insulations may contain trace amounts of halogens.

Part Number Table

Part#	Gauge	Stranding	Insulation Thickness	Outside Diameter Inches	Weight
HW22000601	6	7	115	0.63	286.000
HW22000401	4	7	115	0.71	350.000
HW22000201	2	7	115	0.77	460.000
HW22000101	1	19	115	0.81	565.000
HW22010101	1/0	19	115	0.84	620.000
HW22020101	2/0	19	115	0.93	755.000
HW22030101	3/0	19	115	0.99	890.000
HW22040101	4/0	19	115	1.04	1055.000
HW22025001	250	37	115	1.09	1205.000
HW22035001	350	37	115	1.2	1570.000
HW22050001	500	37	115	1.34	2115.000
HW22075001	750	61	115	1.53	2995.000
HW22010001	1000	61	115	1.68	3870.000

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