

S8000 CABLE TYPE XHHW-2 XLP LS CT-SR, 90°C 600 V. RoHS



Description:

- 1- Compact round concentric-lay stranded aluminum alloy AA8000 conductor.
- 2- Non Hygroscopic separator tape
- 3- Cross-linked polyethylene insulation (XLP) type XHHW-2 LS CT-SR RoHS 90 °C, 600 V.

Applications:

- Branch circuits
- Electric power distribution
- Feeders
- Service
- Street lighting

Features:

- Easy to install
- Excellent grease resistance
- Excellent alkalis resistance
- Excellent atmospheric pollution resistance
- Excellent chemical substance resistance
- Excellent corrosion resistance
- Excellent gasoline resistance
- Excellent hydrocarbon resistance
- Excellent moisture resistance
- Excellent outdoor resistance
- Excellent resistance to fire propagation
- Excellent resistance to flame propagation
- Excellent resistance to vertical tray flame
- Excellent sunlight resistance
- Free of hazardous substances
- Good heat resistance
- Good low temperatures resistance
- Good mechanical resistance
- Low emission of corrosive gases
- Low emission of fumes
- Low emission of toxic gases
- Low smoke
- Low weight

Special features:

- For use in feeders or branch circuits of power or lighting in electrical installations of hotels, hospitals, buildings, malls, industrial plants, etc., in outside or inside installations.

- The product is sunlight resistant and can be installed in cable trays (4 AWG and larger), ducts, conduits or raceways.

- The product meets with the directive 2002/95/EC of the European Community; RoHS (Restrictions of Hazardous Substances).

- Meets low smoke generated test of the standard NMX-J-474, low acid gas test according to NMX-J-474 and fire-propagation test of the standard NMX-J-093. The product is marking as LS

- Meets vertical-tray flame test of the standard

- NMX-J-498-ANCE. The product is marking as CT.

- Meets sunlight-resistant test of the standard

- NMX-J-553 and the product is marking as SR.

Standard:

- NMX-J-451-ANCE

Voltage:

- 600 V

Temperature:

- Normal 90°C
- Overload 130°C
- Short circuit 250°C

Installation type:

- Auxiliary gutters
- Cable trays
- Conduit

- Directly buried
- Overhead and in Free air
- Trench
- Underground electrical ducts

Insulation:

- Cross-linked Polyethylene (XLPE)

Recommendation:

- Installation restrictions in contact with high Ph solutions.

- In order to make connections with this type of conductors it is necessary to use oxidation inhibitors and aluminum or bimetallic connectors Al-Cu.

Quality System Certification:

- ISO 9001:2015 Quality System certified by Bureau Veritas

Order additional information:

- VulcanelT.M. S8000 Cable with XLP insulation, type XHHW-2, LS CT-SR RoHS with compact aluminum alloy AA8000 conductor, size or cross section in mm², number of product, cable length per reel and total order length.

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Number of Product	Size (AWG/kcmil)	Total Cross Section Area (mm2)	Conductor Number of Wires	Nominal Conductor Diameter (in)	Nominal Insulation thickness (mils)	Nominal Overall Diameter (in)	Nominal cable weight (lb/1000ft)	Packaging	Length	Color
32010600EA	6	13.30	7	0.17	44.88	0.27	44	CARRETE	*	NEGRO
32010602DB	6	13.30	7	0.17	44.88	0.27	44	CARRETE	500 m	NEGRO
3000330	4	21.15	7	0.21	44.88	0.31	62	CARRETE	*	NEGRO
32010602EB	2	33.62	7	0.27	44.88	0.36	90	CARRETE	500 m	NEGRO
32010600GA	2	33.62	7	0.27	44.88	0.36	90	CARRETE	*	NEGRO
3000335	1/0	53.50	19	0.33	55.12	0.45	141	CARRETE	500 m	NEGRO
320106001A	1/0	53.50	19	0.33	55.12	0.45	141	CARRETE	*	NEGRO
320106002A	2/0	67.40	19	0.37	55.12	0.49	170	CARRETE	*	NEGRO
320106003A	3/0	85.00	19	0.42	55.12	0.54	208	CARRETE	*	NEGRO
32010602CB	3/0	85.00	19	0.42	55.12	0.54	208	CARRETE	500 m	NEGRO
32010602BB	4/0	107.00	19	0.47	55.12	0.59	254	CARRETE	500 m	NEGRO
320106004A	4/0	107.00	19	0.47	55.12	0.59	254	CARRETE	*	NEGRO
320106005A	250	127.00	37	0.51	64.96	0.65	307	CARRETE	*	NEGRO
32010602AB	250	127.00	37	0.51	64.96	0.65	307	CARRETE	500 m	NEGRO
320106029B	300	152.00	37	0.56	64.96	0.70	360	CARRETE	500 m	NEGRO
320106006A	300	152.00	37	0.56	64.96	0.70	360	CARRETE	*	NEGRO
320106007A	350	177.00	37	0.61	64.96	0.75	413	CARRETE	*	NEGRO
320106028B	350	177.00	37	0.61	64.96	0.75	413	CARRETE	500 m	NEGRO
320106027B	400	203.00	37	0.65	64.96	0.79	464	CARRETE	500 m	NEGRO
320106008A	400	203.00	37	0.65	64.96	0.79	464	CARRETE	*	NEGRO
320106009A	500	253.00	37	0.73	64.96	0.87	567	CARRETE	*	NEGRO
320106026B	500	253.00	37	0.73	64.96	0.87	567	CARRETE	500 m	NEGRO
32010600AA	600	304.00	61	0.81	79.92	0.98	702	CARRETE	*	NEGRO

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320106025B	600	304.00	61	0.81	79.92	0.98	702	CARRETE	500 m	NEGRO
320106024B	750	380.00	61	0.90	79.92	1.07	853	CARRETE	500 m	NEGRO
32010600BA	750	380.00	61	0.90	79.92	1.07	853	CARRETE	*	NEGRO
32010600DA	1000	507.00	61	1.05	79.92	1.22	1 110	CARRETE	*	NEGRO
320106023B	1000	507.00	61	1.05	79.92	1.22	1 110	CARRETE	500 m	NEGRO

Notes:

For different constructions to the one shown please get in contact with our Technical Assistance Department.
 These data are subjected to normal manufacturing tolerances.
 *This is not a stock product. It can be delivered in different lengths or in accordance to the manufacturing standard.