

WDZB-BY 450/750V 1.5 mm² SHANGHAI HANKE DIANXIAN YOUXIAN GONGSI

应用范围

适用于高层建筑、地铁等人口密集场所,遇火灾时不释放卤化物等有毒气体。

APPLICATIONS

Intended for crowded places such as high rise buildings or subways where halogenide and other toxic gas emission is not allowed in case of fire.

电线结构

单根、多股裸绞铜丝或镀锡铜丝导体;
无卤低烟阻燃型绝缘:
一般阻燃(WDZ-BY),B级阻燃(WDZB-BY),防鼠咬(WDZ-FSY-BY)。

WIRE MAKE-UP

Multi-stranded fine bare copper/tincopper single conductor
Flame-retardant, halogen-free, low-smoke insulation
General flame retardance (WDZ-BY),
Level-B flame retardance (WDZB-BY),
protection against gopher (WDZ-FSY-BY)

技术参数

① 温度范围: -5℃ ~ +90℃,
② 额定电压: U₀/U 450/750V
③ 符合标准: GB/T 19666-2005, GB/T 18380.3-2001
④ 导体标准: GB/T 3956-1997 第1、2种

TECHNICAL DATA

① Operating Temp.: -5℃ ~ +90℃,
② Rated Voltage: U₀/U 450/750V
③ Governing Std.: GB/T 19666-2005, GB/T 18380.3-2001
④ Conductor Std.: Category 1, 2 in GB/T 3956-1997

导体截面 Cross Section mm ²	导体结构 Conductor Structure 根数/单根直径 Core. No. x Cond. No./O.D	标称外径 Nominal O.D. mm	最大外径 Max O.D. mm	重量(近似) Approx. Weight Kg/Km	导体20℃时 最大电阻 Max. Cond. R@20℃ ≤ (Ω/Km)	环境温度 30℃架空时 参考载流量(A) Ampacity @30℃ Ambient (aerial cable)
1.5	1/1.38	2.78	2.93	21.3	12.1	32
1.5	7/0.52	2.96	3.12	22.8	12.1	32
2.5	1/1.78	3.38	3.56	33.5	7.41	44
2.5	7/0.68	3.64	3.83	36.6	7.41	44
4	1/2.25	3.85	4.05	85.6	4.61	59
4	7/0.85	4.15	4.37	52.6	4.61	59
6	1/2.76	4.36	4.59	69.4	3.08	75
6	7/1.04	4.72	4.97	74.1	3.08	75
10	7/0.35	6.05	6.36	124	1.83	101
16	7/1.70	7.10	7.47	186	1.15	137
25	7/2.14	8.82	9.27	291	0.727	182
35	7/2.52	9.96	10.5	393	0.524	228
50	19/1.78	11.70	12.3	526	0.387	293
70	19/2.14	13.50	14.2	739	0.268	358
95	19/2.52	15.80	16.6	1021	0.193	442
120	37/2.03	17.41	18.3	1265	0.153	475
150	37/2.25	19.35	20.3	1556	0.124	553
185	37/2.52	21.64	22.7	1951	0.0991	637

▲ 载流量是周围温度设定在30℃时的计算值。电线芯数、周围温度、布线状况等条件改变时应乘以系数。(见附录)

▲ Current-carrying capacity is the calculated value based on a ambient temperature of 30℃ and is to be multiplied by a factor when application conditions including number of cores, ambient temperature and wiring condition are changed. (see Appendix)