450/750V 单芯聚氯乙烯绝缘无护套硬导体电缆

450/750V Single-core PVC insulated ， non-sheathed cable with rigid conductor

TECHNICAL DATA:

Type: 60227 IEC 01,60227 IEC 01(BV) ,
H07V-U,H07V-R
Specification: IEC 60227-3
GB/T 5023.3
DIN VDE 0281-3
Rated voltage: 450/750V
Number of Cores: Single core
Operating Temperature: 70℃
Short-circuit Temperature: 160℃

技术数据:

型　　号:60227 IEC 05,60227 IEC 01(BV) ,
H07V-U,H07V-R
技术规范: IEC 60227-3
GB/T 5023.3
DIN VDE 0281-3
额定电压:　450/750V
芯　　数:　单芯
工作温度:　70℃
短路温度:　160℃

CABLE STRUCTURE:

Conductors:　Class 1 or class 2 conductor in accordance with IEC 60228,GB/T 3956,HD 383.
Insulation:　PVC　compound　according　to　IEC 60227-1,GB/T 5023.1,DIN VED 0281-1.

电缆结构:

导　　体：符合 IEC 60228,GB/T 3956,HD 383 标准的第 1 种或第 2 种导体。
绝　　缘: PVC 混合物符合 IEC 60227-1, GB/T 5023.1,DIN VED 0281-1 规定。

APPLICATION:

This product is primarily used for internal wiring of electrical devices and lighting fixtures,i.e. as bridge junction.Laying in dry areas,in switch-boards and distribution boards.

适用范围:

本产品主要用于电气设备和照明灯具的内部布线，即作为桥接。敷设在干燥区域、开关盒和配电板中。

型号 Type	标称 截面 Cross-section of conductor (Nominal)	单丝 根数 Number of core	绝缘 标称厚度 Thickness of Insulation (Nominal)	电缆外径 External diameter of Cable		20 ℃直流电阻 DC Resistance at 20 ℃	70℃绝缘电阻 Resistance of insulation at 70℃	电缆 参考重量 Approx. Mass of cable
				Min.	Max.	Max.	Min	
---	mm^2	No.	mm	mm	mm	Ω/km	MΩ • km	kg/km
H07V-U 60227 IEC 01 60227 IEC 01(BV)	1.5(A)	1	0.7	2.6	3.2	12.1	0.011	20
	2.5(A)	1	0.8	3.2	3.9	7.41	0.010	31
	4(A)	1	0.8	3.6	4.4	4.61	0.0085	46
	6(A)	1	0.8	4.1	5.0	3.08	0.0070	65
	10(A)	1	1.0	5.3	6.4	1.83	0.0070	110
H07V-R 60227 IEC 01 60227 IEC 01(BV)	1.5(B)	7	0.7	2.7	3.3	12.1	0.010	21
	2.5(B)	7	0.8	3.3	4.0	7.41	0.009	32
	4(B)	7	0.8	3.8	4.6	4.61	0.0077	47
	6(B)	7	0.8	4.3	5.2	3.08	0.0065	66
	10(B)	7	1.0	5.6	6.7	1.83	0.0065	116
H07V-R 60227 IEC 01 60227 IEC 01(BV)	16	7	1.0	6.4	7.8	1.15	0.0050	172
	25	7	1.2	8.1	9.7	0.727	0.0050	257
	35	7	1.2	9.0	10.9	0.524	0.0043	348
	50	19	1.4	10.6	12.8	0.387	0.0043	471
	70	19	1.4	12.1	14.6	0.268	0.0035	663
	95	19	1.6	14.1	17.1	0.193	0.0035	916
	120	37	1.6	15.6	18.8	0.153	0.0032	1142
	150	37	1.8	17.3	20.9	0.124	0.0032	1400
	185	37	2.0	19.3	23.3	0.0991	0.0032	1764
	240	61	2.2	22.0	26.6	0.0754	0.0032	2296
	300	61	2.4	24.5	29.6	0.0601	0.0030	2863
	400	61	2.6	27.5	33.2	0.0470	0.0028	3649