60227 IEC 08 HKIV / K60227 IEC 02 SJ-HKIV

전기기기용 내열비닐절연전선 / Heat-Resistant PVC Insulated Flexible



1. 도 체 1. Conductor
2. 절연체 2. Insulation

적용범위

일반 공작물이나 전기기기의 배선에 사용되는
도체가 유연한 내열 비닐 절연 전선.

구 조

1. 도 체 : 5등급 (집 · 복합 연선) 연동선
2. 절연체 : 내열, 내마모성 및 내흡성 PVC

절연체색상 : 흑, 백, 적, 녹, 황, 청

적용규격 : 전기용품안전기준 (K 60227-3)

제품인증

전기용품 안전인증

APPLICATION

This wire is used for wiring distributing line, electrical equipment and insulated by heat-resistant PVC.

CONSTRUCTION

1. Conductor : Flexible Stranded Annealed Copper (Class5)
2. Insulation : Heat, Abrasion-and moisture-resistant PVC

COLOR

Standard colors are Black, White, Red, Green, Yellow and Blue

STANDARD : K 60227-3

CERTIFICATE

Safety Certification for Electric and Electronic Appliance

60227 IEC 08 HKIV 300/500V 전기기기용 내열비닐절연전선 / 300/500V Heat-Resistant PVC Insulated Flexible

도 체 Conductor			절연체 두께 Insulation Thickness (mm)	평균 완성 외경 Mean Overall Diameter		최대도체저항 Max. Conductor Resistance at 20℃		절연저항 Insulation Resistance at 90℃ (MΩ/km)	개산중량 (약) Approx. Weight (kg/km)	포장길이 Packing Length (m)
공칭단면적 Nominal Sectional Area (mm^2)	최대소선경 Maximum Diameter of Wire (mm)	외경(약) Approx. Diameter (mm)		하한값 Lower Limit (mm)	상한값 Upper Limit (mm)	동선 Copper (Ω/km)	도금동선 Tin-coated Copper (Ω/km)			
0.5	0.21	0.9	0.6	2.1	2.5	39.0	40.1	0.013	9	500
0.75	0.21	1.1	0.6	2.2	2.7	26.0	26.7	0.012	12	200
1.0	0.21	1.3	0.6	2.4	2.8	19.5	20.0	0.010	15	200
1.5	0.26	1.6	0.7	2.8	3.4	13.3	13.7	0.010	30	200
2.5	0.26	2.1	0.8	3.4	4.1	7.98	8.21	0.009	40	200

60227 IEC 02 SJ-HKIV 450/750V 전기기기용 내열비닐절연전선 / 450/750V Heat-Resistant PVC Insulated Flexible

도 체 Conductor			절연체 두께 Insulation Thickness (mm)	평균 완성 외경 Mean Overall Diameter		최대도체저항 Max. Conductor Resistance at 20℃		절연저항 Insulation Resistance at 75℃ (MΩ/km)	개산중량 (약) Approx. Weight (kg/km)	포장길이 Packing Length (m)
공칭단면적 Nominal Sectional Area (mm^2)	최대소선경 Maximum Diameter of Wire (mm)	외경(약) Approx. Diameter (mm)		하한값 Lower Limit (mm)	상한값 Upper Limit (mm)	동선 Copper (Ω/km)	도금동선 Tin-coated Copper (Ω/km)			
1.5	0.26	1.6	0.7	2.8	3.4	13.3	13.7	0.010	30	200
2.5	0.26	2.1	0.8	3.4	4.1	7.98	8.21	0.009	40	200
4	0.31	2.6	0.8	3.9	4.8	4.95	5.09	0.007	50	100
6	0.31	3.6	0.8	4.4	5.3	3.30	3.39	0.006	80	100
10	0.41	4.8	1.0	5.7	6.8	1.91	1.95	0.0056	130	100
16	0.41	6.0	1.0	6.7	8.1	1.21	1.24	0.0046	180	100
25	0.41	7.4	1.2	8.4	10.2	0.780	0.795	0.0044	280	100
35	0.41	8.7	1.2	9.7	11.7	0.554	0.565	0.0038	370	100
50	0.41	10.4	1.4	11.5	13.9	0.386	0.393	0.0037	500	100
70	0.51	12.5	1.4	13.2	16.0	0.272	0.277	0.0032	700	100
95	0.51	14.5	1.6	15.1	18.2	0.206	0.210	0.0032	970	100
120	0.51	16.2	1.6	16.7	20.2	0.161	0.164	0.0029	1200	100
150	0.51	18.2	1.8	18.6	22.5	0.129	0.132	0.0029	1490	100
185	0.51	20.2	2.0	20.6	24.9	0.106	0.108	0.0029	1850	100
240	0.51	23.3	2.2	23.5	28.4	0.0801	0.0817	0.0028	2440	100