

PHELPS DODGE CABLE TYPE 60227 IEC 01 (THW)

450/750 V 70 °C PVC/C INSULATED, SINGLE CORE



CONSTRUCTION :

Conductor : Annealed copper, solid or stranded (concentric or compact as requested)

Conductor Sizes : 1.5 mm² up to 400 mm²
Insulation : Polyvinyl chloride type PVC/C
(Any color as requested)

APPLICATION :

Building wiring for installation on insulator or in raceway dry location.

CLASSIFICATION :

Maximum conductor temperature 70 °C
Circuit voltage does not exceed 450/750 volts.

REFERENCE STANDARD :

TIS 11 PART 3 - 2553 TABLE 1

PHELPS DODGE CABLE TYPE 60227 IEC 01 (THW)

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PHELPS DODGE TYPE LETTER	Nominal Sectional Area	Diameter of Conductor (max)	Conductor Type	Nominal Thickness of Insulation	Overall Diameter (min-max)	Minimum Insulation Resistance at 70 °C	Cable Weight (approx)	Standard Packing
	mm ²	mm	Class	mm	mm	MΩ.km	kg / km	m
60227 IEC 01 1x1.5	1.5	1.5	1	0.7	2.6 - 3.2	0.011	21	100/C
60227 IEC 01 1x1.5	1.5	1.7	2	0.7	2.7 - 3.3	0.010	22	100/C
60227 IEC 01 1x2.5	2.5	1.9	1	0.8	3.2 - 3.9	0.010	33	100/C
60227 IEC 01 1x2.5	2.5	2.2	2	0.8	3.3 - 4.0	0.009	35	100/C
60227 IEC 01 1x4	4	2.4	1	0.8	3.6 - 4.4	0.0085	47	100/C
60227 IEC 01 1x4	4	2.7	2	0.8	3.8 - 4.6	0.0077	51	100/C
60227 IEC 01 1x6	6	3.3	2	0.8	4.3 - 5.2	0.0065	74	100/C
60227 IEC 01 1x10	10	4.2	2	1.0	5.6 - 6.7	0.0065	123	100/C
60227 IEC 01 1x16	16	5.3	2	1.0	6.4 - 7.8	0.0050	185	100/C
60227 IEC 01 1x25	25	6.6	2	1.2	8.1 - 9.7	0.0050	289	100/C
60227 IEC 01 1x35	35	7.9	2	1.2	9.0 - 10.9	0.0043	390	100/C
60227 IEC 01 1x50	50	9.1	2	1.4	10.6 - 12.8	0.0043	519	1000/R
60227 IEC 01 1x70	70	11.0	2	1.4	12.1 - 14.6	0.0035	729	1000/R
60227 IEC 01 1x95	95	12.9	2	1.6	14.1 - 17.1	0.0035	1,007	1000/R
60227 IEC 01 1x120	120	14.5	2	1.6	15.6 - 18.8	0.0032	1,246	1000/R
60227 IEC 01 1x150	150	16.2	2	1.8	17.3 - 20.9	0.0032	1,533	1000/R
60227 IEC 01 1x185	185	18.0	2	2.0	19.3 - 23.3	0.0032	1,921	1000/R
60227 IEC 01 1x240	240	20.6	2	2.2	22.0 - 26.6	0.0032	2,505	500/R
60227 IEC 01 1x300	300	23.1	2	2.4	24.5 - 29.6	0.0030	3,132	500/R
60227 IEC 01 1x400	400	26.1	2	2.6	27.5 - 33.2	0.0028	3,987	500/R

C = Packing in coil
R = Packing in reel