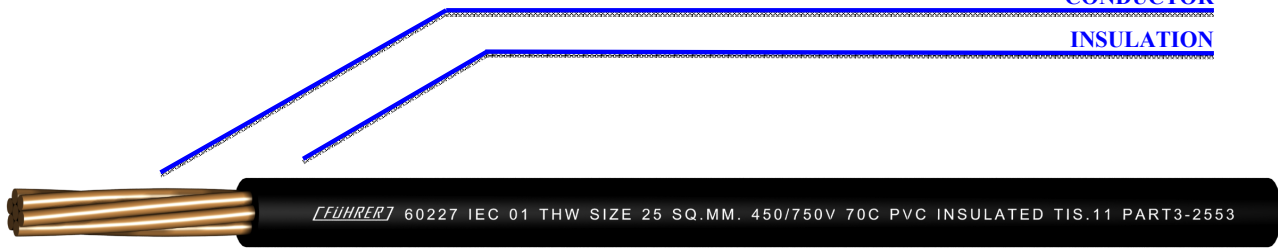


450/750 V 70°C PVC INSULATED

CONDUCTOR

INSULATION



[FÜHRER] 60227 IEC 01 THW SIZE 25 SQ.MM. 450/750V 70C PVC INSULATED TIS.11 PART3-2553

<b>CONDUCTOR :</b>	Solid and Standard annealed copper Size 1.5 mm <sup>2</sup> up to 400 mm <sup>2</sup>	<b>CLASSIFICATION :</b>	Maximum conductor temperature 70°C Circuit voltage not exceeding 750 volt
<b>INSULATION :</b>	Polyvinyl chloride Black, Light Blue, Brown, Gray, Green/Yellow , any colour	<b>TESTING VOLTAGE :</b>	2,500 VAC
		<b>REFERENCE STANDARD :</b>	TIS.11 PART 3-2553

Nominal Cross Sectional area (mm <sup>2</sup> )	Conductor		thickness of Insulation (mm)	Overall Diameter		Maximum continuous current rating in free air (A)	Minimum insulation resistance at 70°C (MΩ-Km)	cable weight (approx.) Kg/Km	standard length (m)
	Number of wire (Min)	Diameter (mm) (Approx.)		Lower Limit (mm)	Upper Limit (mm)				
1.5	1	1.38	0.7	2.6	3.2	21	0.011	22	100/C
1.5	7	1.50	0.7	2.7	3.3	21	0.010	24	100/C
2.5	1	1.78	0.8	3.2	3.9	29	0.010	32	100/C
2.5	7	2.01	0.8	3.3	4.0	29	0.009	35	100/C
4	1	2.25	0.8	3.6	4.4	37	0.0085	49	100/C
4	7	2.55	0.8	3.8	4.6	37	0.0077	50	100/C
6	1	2.76	0.8	4.1	5.0	48	0.0070	75	100/C
6	7	3.12	0.8	4.3	5.2	48	0.0065	80	100/C
10	1	3.57	1.0	5.3	6.4	67	0.0070	120	100/C
10	7	4.05	1.0	5.6	6.7	67	0.0065	130	100/C
16	7	5.10	1.0	6.4	7.8	92	0.0050	180	100/C
25	7	6.42	1.2	8.1	9.7	127	0.0050	280	100/C
35	19	4.59	1.2	9.0	10.9	157	0.0043	380	100/C
50	19	8.90	1.4	10.6	12.8	191	0.0043	500	500/D
70	19	10.70	1.4	12.1	14.6	244	0.0035	700	500/D
95	19	12.60	1.6	14.1	17.1	297	0.0035	1000	500/D
120	37	14.21	1.6	15.6	18.8	345	0.0032	1200	500/D
150	37	15.75	1.8	17.3	20.9	397	0.0032	1500	500/D
185	37	17.64	2	19.3	23.3	453	0.0032	1900	500/D
240	61	20.25	2.2	22.0	26.6	535	0.0032	2500	500/D
300	61	22.68	2.4	24.5	29.6	617	0.0030	3100	500/D
400	61	25.65	2.6	27.5	33.2	741	0.0028	3900	500/D

C:Packing in coil.

D:Packing in drum.