

Building Wires

PVC Insulated Wires

H05V-U - H07V-U



Code

H05V-U, H07V-U , CU/PVC ,

Standards

TS EN 50525-2-31

VDE 0281, IEC 60227 , BS 6004

Technical Data

Max Operating Temperature: 70 °C

Short Rated Temperature: 160 °C (max. 5 sec.)

Rated Voltage :300/500 V , 450/750V

Application

In dry rooms, switch and distribution boards, for laying in conduit on under plaster and on insulating support above plaster.

Construction

1. Solid Copper Conductor.
2. PVC Insulation

Nomimal cross section mm ²	Insulation Thickness mm	Overall diameter approx. mm	Net weight approx. kg/km	Standard delivery length m	Conductor DC resistance at 20 °c max. Ohm/km	Current carrying capacity 30°C	
						Conduit A	Air A

H05V-U

300/500 V

0,50	0,6	2,0	8,5	100	36,00	-	9
0,75	0,6	2,1	11,0	100	24,50	-	15
1,00	0,6	2,3	13,5	100	18,10	11	18

H07V-U

450/750 V

1,5	0,7	2,7	20,0	100	12,10	15	24
2,5	0,8	3,3	31,0	100	7,41	20	33
4,0	0,8	3,8	45,5	100	4,61	26	44
6,0	0,8	4,3	64,5	100	3,08	35	55
10,0	1,0	5,4	106,0	100	1,83	46	75