



H05V-K / H07V-K

Installation Cable 300/500 V-450/750 V with Cu conductors, PVC insulated

APPLICATION

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

CONSTRUCTION

Conductors : Class5 acc.to IEC 60228
Insulation : PVC compound
Bedding : -
Armour : -
Sheath : -

TECHNICAL CHARACTERISTICS

CPR Class : Eca
Rated Voltage : 450/750 V
Bending Radius : 12D
Max.conductor Temperature : 70°C
Max.short-circuit Temperature : 160°C

CORE IDENTIFICATION

According to HD 308 S2

Insulation Color :
Any colours available

STANDARD

EN 50525-2-31

H05V-K / H07V-K

Installation Cable 300/500 V-450/750 V with Cu conductors, PVC insulated

Nominal Cross-Section mm ²	Max Resistance at 20°C Ω/km	Outer Dia (Approx.) mm	Cable Weight (Approx.) kg/km	Current Capacity In Conduit Earth A	Current Capacity In Air A
1x0,50*	39	2,10	8,1	-	-
1x0,75*	26	2,30	11	-	16
1x1*	19,5	2,50	14	11	20
1x1,5	13,3	2,90	19	14,5	24
1x2,5	7,98	3,60	31	19,5	32
1x4	4,95	4,10	44	26	42
1x6	3,3	4,60	62	34	54
1x10	1,91	6,00	106	46	73
1x16	1,21	7,00	163	61	98
1x25	0,78	8,70	251	80	129
1x35	0,554	9,90	340	99	158
1x50	0,386	11,70	478	119	198
1x70	0,272	13,60	686	151	245
1x95	0,206	15,30	884	182	292
1x120	0,161	17,00	1132	210	344
1x150	0,129	19,00	1417	240	391
1x185	0,106	21,30	1783	273	448
1x240	0,0801	24,10	2329	320	528

* Rated Voltage 300/500 V