



## H05V-U / H07V-U

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 : Class1 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



Trade Mark of MXN KABLO SANAYİ ve TİCARET LTD.ŞTİ.

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| Nominal<br>Cross-Section<br>mm <sup>2</sup> | Max<br>Resistance<br>at 20°C<br>Ω/km | Outer Dia<br>(Approx.)<br>mm | Cable<br>Weight<br>(Approx.)<br>kg/km | Current Capacity<br>In Conduit<br>A | Current Capacity<br>In Air<br>A |
|---------------------------------------------|--------------------------------------|------------------------------|---------------------------------------|-------------------------------------|---------------------------------|
| 1x0,50*                                     | 36                                   | 2,00                         | 8,5                                   | -                                   | -                               |
| 1x0,75*                                     | 24,5                                 | 2,20                         | 11                                    | -                                   | 16                              |
| 1x1*                                        | 18,1                                 | 2,40                         | 14                                    | 11                                  | 19                              |
| 1x1,5                                       | 12,1                                 | 2,75                         | 19                                    | 16                                  | 25                              |
| 1x2,5                                       | 7,41                                 | 3,35                         | 31                                    | 21                                  | 34                              |
| 1x4                                         | 4,61                                 | 3,80                         | 45                                    | 27                                  | 45                              |
| 1x6                                         | 3,08                                 | 4,30                         | 64                                    | 35                                  | 57                              |
| 1x10                                        | 1,83                                 | 5,50                         | 107                                   | 48                                  | 78                              |

\* Rated Voltage 300/500 V