

TECHNICAL DATASHEET

H05VVH2-U / 60227 IEC 53 (Cu/PVC/PVC)

APPLICATION

For household appliances (refrigerators, spin dryers, etc.) under medium mechanical stresses, also in damp and wet spaces.



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1

Number of cores x Nominal cross section	mm ²	3x2,50
Rated voltage	U ₀ /U	300/500 V
Applicable standards	-	EN 50525-2-11, IEC 60227-5

1 CONDUCTOR

Applicable standard	-	EN 60228, IEC 60228
Material of conductor	-	Class 1 solid copper

2 INSULATION

Material of insulation	-	PVC (Polyvinyl chloride) acc. to EN 50363-3 TI 2 PVC (Polyvinyl chloride) acc. to IEC 60227-1 PVC/D
Diameter of insulation	mm	3,30
Identification of cores	HD 308 S2	Brown - Blue - Green/Yellow

3 SHEATH

Material of sheath	-	PVC (Polyvinyl chloride) acc. to EN 50363-4-1 TM 2 PVC (Polyvinyl chloride) acc. to IEC 60227-1 PVC/ST5
Thickness of sheath	mm	1,00
Overall cable diameter (approx)	mm	5,30 x 11,90
Colour of outer sheath	-	BLACK or WHITE

TECHNICAL DATAS AND SPECIFICATIONS

Maximum resistance of the conductor at 20 °C	ohm/km	7,41
Current carrying capacity	A	19,5
AC Test voltage	V	2000
Minimum bending radius during laying	mm	5xCable Ø
Weight of cable (approx)	kg/km	137
Temperature range	°C	-20 / 70
Maximum operating temperature	°C	70
Maximum short circuit temperature (max. 5 sec.)	°C	160
Flame propagation test on single cable	-	EN 60332-1-2, IEC 60332-1-2



-20 / +70 °C
Temperature range



70 °C
Max. operating temperature



160 °C
Max. short circuit (max. 5 sec.)



Flexible Cable



EN-IEC 60332-1-2
Flame test standard



RoHS
Compliance



REACH
Compliance



European
Conformity



Eurasian
Conformity