

# TECHNICAL DATASHEET

## 3182Y / H05VV-F (Cu/PVC/PVC)

# PROSTAR

### APPLICATION

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



Total number of cores x Nominal cross section (mm <sup>2</sup> )	2x1
Rated voltage (U <sub>0</sub> /U)	300/500 V
Applicable standard	BS EN 50525-2-11

### 1 CONDUCTOR

Applicable standard	BS EN 60228
Material of conductor	Class 5 fine stranded copper

### 2 INSULATION

Material of insulation	PVC (acc. to BS EN 50363-3 TI 2)
Thickness of insulation (mm)	0,60
Diameter of insulation (mm)	2,45
Identification of cores	Brown - Blue

### 3 SHEATH

Material of outer sheath	PVC (acc. to BS EN 50363-4-1 TM 2)
Average thickness of outer sheath (mm)	0,90
Overall cable diameter (mm) approx	6,80
Colour of outer sheath	WHITE

### TECHNICAL DATAS AND SPECIFICATIONS

Maximum resistance of the conductor at 20 °C	19,5 ohm/km
Current carrying capacity	10 A
AC Test voltage	2000 V
Weight of cable (approx)	72 kg/km
Min. bending radius during laying	5xCable Ø
Temperature range	-20 °C / +70 °C
Max. operating temperature	70 °C
Max. short circuit temperature (max.5 sec.)	160 °C
Flame propagation test on single cable	BS EN 60332-1-2



-20 / +70 °C  
Temperature range



70 °C  
Max. operating temperature



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



Flexible cable



BS EN 60332-1-2  
Flame test



RoHS  
Compliance



REACH  
Compliance



European  
Conformity



Eurasian  
Conformity

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