

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 ²)	2x1,5
Rated voltage (U ₀ /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)	0,70
Diameter of insulation (mm)	2,80
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)	0,85
Overall cable diameter (mm) approx	7,30
Colour of outer sheath	WHITE

TECHNICAL DATAS AND SPECIFICATIONS

Maximum resistance of the conductor at 20 °C	13,30 ohm/km
Current carrying capacity	16 A
AC Test voltage	2000 V
Weight of cable (approx)	87 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

PROSTAR