

# POWERFLEX

# U-1000 R2V

Flexible cable for easy installation

## DISEÑO

### Conductor

Electrolytic copper Class 2 according to IEC 60228 manufactured with strands of 0.4 mm or less giving it a flexibility equivalent to Class 5

### Insulation

Cross-linked polyethylene (XLPE)

The standard identification is the following:

- 1 x ..... Black
- 2 x ..... Blue + Brown
- 3 G ..... Blue + Brown + Yellow / Green
- 3 x ..... Brown + Black + Grey
- 3 x + 1 x ..... Brown + Black + Grey + Blue (reduced cross section)
- 4 G ..... Brown + Black + Grey + Yellow / Green
- 4 x ..... Brown + Black + Grey + Blue
- 5 G ..... Brown + Black + Grey + Yellow / Green + Blue

### Outer sheath

Flexible PVC, black.



## CHARACTERISTICS



Flexible conductor class 2



Minimum bending radius: 5 x cable diameter



Outdoor installation: permanent



Minimum service temperature: -40°C (Fixed and protected installation)



Meter by meter marking



Water resistance AD7 immersion



Maximum service temperature 90°C



Flame non-propagation



Chemical & oil resistance: good



Maximum short-circuit temperature: 250°C (max. 5 s)



Impact resistance: AG2 medium impact

## INSTALLATION CONDITIONS



Industrial use



Damp environment



Open air



Buried



In conduit