

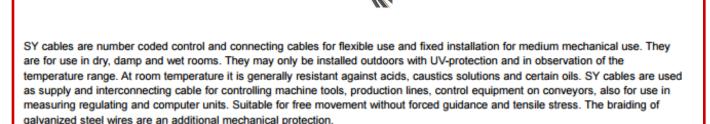
ENGLISH

Datasheet

Stock No: 827-4230

RS Pro SY Control Screened Cable, 25

Core



Technical Data

Conductor : Bare copper, fine wire strand in accordance to IEC 60 228 that is VDE 0295, class 5

Core insulation : PVC compound TI1 in accordance to VDE 0207

Identification : In acc. to VDE 0293, black cores with white numbers with or without green / yellow ground conductor

Inner sheath : PVC compound TM2 in acc. to VDE 0207

Braid : Galvanised steel wire braid

Outer sheath : Transparent PVC compound TM2 in acc. to VDE 0207

Nominal voltage : 300 / 500 V Test voltage : 3,000 V ac

Temperature range : For flexible use -5 up to +70°C maximum conductor temperature

Fixed installation -40 up to +80°C maximum conductor temperature

Minimum bending radius : Fixed installation 12.5 x cable diameter

Flame retardant : In acc. to IEC 60 332.1 resp. VDE 0472 part 804

EC directive : This cable confirms to ECD 73 / 23 / EEC (low voltage directive)





Specifications:

Number of Cores	25
Cross Sectional Area	0.75 mm²
Outer Diameter	16.3mm
Voltage Rating	300/500 ∨
Sheath Material	Polyvinyl Chloride PVC
Sheath Colour	Transparent
Cable Shape	Multicore
Operating Temperature Range	-5°C \rightarrow +70°C flexible and -40°C \rightarrow +80°C fixed
Conductor Resistance	20 GΩ/cm
American Wire Gauge	18 AWG
Minimum Bend Radius	Fixed Installation 12.5 x Cable Diameter
Conductor Material	Bare Copper
Screened/Unscreened	Screened
Standards Met	This cable confirms to ECD 73/23/EEC (low voltage directive).
Insulation Material	PVC
Screen Type	Braid
Length	50mm