

**ENGLISH** 

#### **Datasheet**

# RS PRO Green/Yellow Single Core x 25.0sqmm (Class 5 PCW), PVC Insulated, 600/1000V, Type BK 25m

RS Stock No: 516-8117



#### **Product Details**

RS Pro switchgear cable in green/yellow colour, has a plain copper stranded conductor covered with a PVC sheath. This cable is intended for wiring of control and instrument panels, metering equipment, industrial plant wiring etc. It has a wire length of 25 m with cross sectional area of 25 mm<sup>2</sup> and voltage rating of 600/1000V.

#### **Features and Benefits**

- Plain copper stranded conductor covered with a PVC sheath
- Intended for wiring of control and instrument panels, metering equipment, industrial plant wiring etc
- BK type



## **ENGLISH**

### **Specifications:**

Core Strands196/0.4 mmCross Sectional Area25 mm²Current Rating130 AInsulation MaterialPVC (Type TI1 to BS EN 50363)Insulation Wall Thickness1.20mm (Nominal)Length25 mMaximum Operating Temperature+70°CNumber of Strands196Operating Temperature Range-15 to +70°COuter Diameter11.5 mmSheath ColourGreen/YellowSize of Strands0.4 mmStandards MetBS 6231:2006TypeSingle Core, BKVoltage Rating600 V, 1000 VConductor Resistance0.78 Ω/km @ 20°C (Maximum)Diameter Over InsulationLower Limit: 8.40mm	opcomoations:	
Core Strands196/0.4 mmCross Sectional Area25 mm²Current Rating130 AInsulation MaterialPVC (Type TI1 to BS EN 50363)Insulation Wall Thickness1.20mm (Nominal)Length25 mMaximum Operating Temperature+70°CNumber of Strands196Operating Temperature Range-15 to +70°COuter Diameter11.5 mmSheath ColourGreen/YellowSize of Strands0.4 mmStandards MetBS 6231:2006TypeSingle Core, BKVoltage Rating600 V, 1000 VConductor Resistance0.78 Ω/km @ 20°C (Maximum)Diameter Over InsulationLower Limit: 8.40mm	American Wire Gauge	3 AWG
Cross Sectional Area25 mm²Current Rating130 AInsulation MaterialPVC (Type TI1 to BS EN 50363)Insulation Wall Thickness1.20mm (Nominal)Length25 mMaximum Operating Temperature+70°CNumber of Strands196Operating Temperature Range-15 to +70°COuter Diameter11.5 mmSheath ColourGreen/YellowSize of Strands0.4 mmStandards MetBS 6231:2006TypeSingle Core, BKVoltage Rating600 V, 1000 VConductor Resistance0.78 Ω/km @ 20°C (Maximum)Diameter Over InsulationLower Limit: 8.40mm	Conductor Material	180/0.40mm Plain Annealed Copper (Cla
Current Rating130 AInsulation MaterialPVC (Type TI1 to BS EN 50363)Insulation Wall Thickness1.20mm (Nominal)Length25 mMaximum Operating Temperature+70°CNumber of Strands196Operating Temperature Range-15 to +70°COuter Diameter11.5 mmSheath ColourGreen/YellowSize of Strands0.4 mmStandards MetBS 6231:2006TypeSingle Core, BKVoltage Rating600 V, 1000 VConductor Resistance0.78 Ω/km @ 20°C (Maximum)Diameter Over InsulationLower Limit: 8.40mm	Core Strands	196/0.4 mm
Insulation Material PVC (Type TI1 to BS EN 50363) Insulation Wall Thickness 1.20mm (Nominal) Length 25 m Maximum Operating Temperature +70°C Number of Strands 196 Operating Temperature Range -15 to +70°C Outer Diameter 11.5 mm Sheath Colour Green/Yellow Size of Strands 0.4 mm Standards Met BS 6231:2006 Type Single Core, BK Voltage Rating 600 V, 1000 V Conductor Resistance 0.78 Ω/km @ 20°C (Maximum) Diameter Over Insulation Lower Limit: 8.40mm	Cross Sectional Area	25 mm²
Insulation Wall Thickness1.20mm (Nominal)Length25 mMaximum Operating Temperature+70°CNumber of Strands196Operating Temperature Range-15 to +70°COuter Diameter11.5 mmSheath ColourGreen/YellowSize of Strands0.4 mmStandards MetBS 6231:2006TypeSingle Core, BKVoltage Rating600 V, 1000 VConductor Resistance0.78 Ω/km @ 20°C (Maximum)Diameter Over InsulationLower Limit: 8.40mm	Current Rating	130 A
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Number of Strands196Operating Temperature Range-15 to +70°COuter Diameter11.5 mmSheath ColourGreen/YellowSize of Strands0.4 mmStandards MetBS 6231:2006TypeSingle Core, BKVoltage Rating600 V, 1000 VConductor Resistance0.78 Ω/km @ 20°C (Maximum)Diameter Over InsulationLower Limit: 8.40mm	Length	25 m
Operating Temperature Range-15 to +70°COuter Diameter11.5 mmSheath ColourGreen/YellowSize of Strands0.4 mmStandards MetBS 6231:2006TypeSingle Core, BKVoltage Rating600 V, 1000 VConductor Resistance0.78 Ω/km @ 20°C (Maximum)Diameter Over InsulationLower Limit: 8.40mm	Maximum Operating Temperature	+70°C
Outer Diameter11.5 mmSheath ColourGreen/YellowSize of Strands0.4 mmStandards MetBS 6231:2006TypeSingle Core, BKVoltage Rating600 V, 1000 VConductor Resistance0.78 Ω/km @ 20°C (Maximum)Diameter Over InsulationLower Limit: 8.40mm	Number of Strands	196
Sheath ColourGreen/YellowSize of Strands0.4 mmStandards MetBS 6231:2006TypeSingle Core, BKVoltage Rating600 V, 1000 VConductor Resistance0.78 Ω/km @ 20°C (Maximum)Diameter Over InsulationLower Limit: 8.40mm	Operating Temperature Range	-15 to +70°C
Size of Strands0.4 mmStandards MetBS 6231:2006TypeSingle Core, BKVoltage Rating600 V, 1000 VConductor Resistance0.78 Ω/km @ 20°C (Maximum)Diameter Over InsulationLower Limit: 8.40mm	Outer Diameter	11.5 mm
Standards MetBS 6231:2006TypeSingle Core, BKVoltage Rating600 V, 1000 VConductor Resistance0.78 Ω/km @ 20°C (Maximum)Diameter Over InsulationLower Limit: 8.40mm	Sheath Colour	Green/Yellow
Type Single Core, BK  Voltage Rating 600 V, 1000 V  Conductor Resistance 0.78 Ω/km @ 20°C (Maximum)  Diameter Over Insulation Lower Limit: 8.40mm	Size of Strands	0.4 mm
Voltage Rating600 V, 1000 VConductor Resistance0.78 Ω/km @ 20°C (Maximum)Diameter Over InsulationLower Limit: 8.40mm	Standards Met	BS 6231:2006
Conductor Resistance 0.78 Ω/km @ 20°C (Maximum)  Diameter Over Insulation Lower Limit: 8.40mm	Туре	Single Core, BK
Diameter Over Insulation Lower Limit: 8.40mm	Voltage Rating	600 V, 1000 V
	Conductor Resistance	0.78 Ω/km @ 20°C (Maximum)
· ·	Diameter Over Insulation	Lower Limit: 8.40mm Upper Limit: 11.50mm