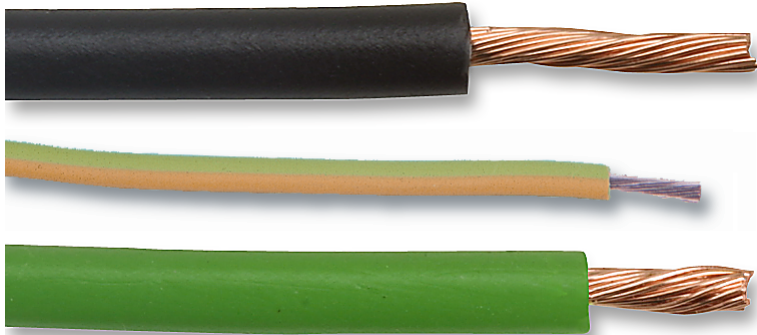




Specifications:

Description	: 16 mm ² flex plain copper, PVC insulated, 600 / 1,000 V, type BK, BS 6231		
Conductors*	: 16 mm ² (approximate 126 / 0.4 mm) plain annealed copper bunch meeting the requirements of BS 6360, class 5		
	: Maximum resistance at 20°C		: 1.21 Ω/km
Insulation	: Type TI 1 PVC compound meeting the requirements of BS EN 50363		
	: Minimum insulation resistance at 70°C		: 0.0048 MΩ km
	: Minimum average radial thickness		: 1 mm
	: Minimum overall diameter		: 6.7 mm
	: Minimum overall diameter		: 9 mm
Lay up	: Not applicable		
Screen	: Not applicable		
Sheath	: Not applicable		
Service Data	: For use as the internal wiring of switch, control, metering, relay and instrument panels of power switchgear, and for the internal connections of rectifier equipment and motor starters and controllers		
	: Rated voltage (U _o /U)		: 600 / 1,000 V ac
	: Maximum operating (conductor) temperature		: +70°C
	: Minimum ambient temperature (once installed, not subject to flexing)		: -20°C
	: Maximum current rating at 30°C ambient temperature (free air, single cable)		: 105 A
	: Approximate mass / unit length		: 182 kg/km

Note : * “Conductors” to “Conductors (This is a nominal number of strands. All wires made to meet minimum cross-sectional area and maximum resistance as set in BS specification)”

Specifications:

Description	: 25 mm ² flex plain copper, PVC insulated, 600 / 1,000 V, type BK, BS 6231		
Conductors*	: 25 mm ² (approximate 196/0.4 mm) plain annealed copper bunch meeting the requirements of BS 6360, class 5 : Maximum resistance at 20°C : 0.78 Ω/km		
Insulation	: Type TI 1 PVC compound meeting the requirements of BS EN 50363 : Minimum insulation resistance at 70°C : 0.0047 MΩ km : Minimum average radial thickness : 1.2 mm : Minimum overall diameter : 8.4 mm : Minimum overall diameter : 11.5 mm		
Lay up	: Not applicable		
Screen	: Not applicable		
Sheath	: Not applicable		
Service Data	: For use as the internal wiring of switch, control, metering, relay and instrument panels of power switchgear, and for the internal connections of rectifier equipment and motor starters and controllers : Rated voltage (U ₀ /U) : 600 / 1,000 V ac : Maximum operating (conductor) temperature : +70°C : Minimum ambient temperature (once installed, not subject to flexing) : -20°C : Maximum current rating at 30°C ambient temperature (free air, single cable) : 141 A : Approximate mass / unit length : 292 kg/km		

Note : * "Conductors" to "Conductors (This is a nominal number of strands. All wires made to meet minimum cross-sectional area and maximum resistance as set in BS specification)"

Specifications:

Description	: 1.5 mm ² (30/0.25 mm) plain copper, PVC insulated, 600 / 1,000 V, type BK, BS 6231		
Conductors*	: 1.5 mm ² (30/0.25 mm) plain annealed copper bunch meeting the requirements of BS 6360, class 5		
	: Maximum resistance at 20°C		: 13.3 Ω/km
Insulation	: Type TI 1 PVC compound meeting the requirements of BS EN 50363		
	: Minimum insulation resistance at 70°C		: 0.0111 MΩ km
	: Minimum average radial thickness		: 0.8 mm
	: Minimum overall diameter		: 3 mm
	: Minimum overall diameter		: 3.6 mm
Lay up	: Not applicable		
Screen	: Not applicable		
Sheath	: Not applicable		
Service Data	: For use as the internal wiring of switch, control, metering, relay and instrument panels of power switchgear, and for the internal connections of rectifier equipment and motor starters and controllers		
	: Rated voltage (U ₀ /U)		: 600 / 1,000 V ac
	: Maximum operating (conductor) temperature		: +70°C
	: Minimum ambient temperature (once installed, not subject to flexing)		: -20°C
	: Maximum current rating at 30°C ambient temperature (free air, single cable)		: 24 A
	: Approximate mass / unit length		: 22 kg/km

Note : * "Conductors" to "Conductors (This is a nominal number of strands. All wires made to meet minimum cross-sectional area and maximum resistance as set in BS specification)"

Specifications:

Description	: 1 mm ² (32/0.2 mm) plain copper, PVC insulated, 600 / 1,000 V, type BK, BS 6231		
Conductors*	: 1 mm ² (32/0.2 mm) plain annealed copper bunch meeting the requirements of BS 6360, class 5		
	: Maximum resistance at 20°C		: 19.5 Ω/km
Insulation	: Type TI 1 PVC compound meeting the requirements of BS EN 50363		
	: Minimum insulation resistance at 70°C		: 0.0128 MΩ km
	: Minimum average radial thickness		: 0.8 mm
	: Minimum overall diameter		: 2.7 mm
	: Minimum overall diameter		: 3.3 mm
Lay up	: Not applicable		
Screen	: Not applicable		
Sheath	: Not applicable		
Service Data	: For use as the internal wiring of switch, control, metering, relay and instrument panels of power switchgear, and for the internal connections of rectifier equipment and motor starters and controllers		
	: Rated voltage (U ₀ /U)		: 600 / 1,000 V ac
	: Maximum operating (conductor) temperature		: +70°C
	: Minimum ambient temperature (once installed, not subject to flexing)		: -20°C
	: Maximum current rating at 30°C ambient temperature (free air, single cable)		: 19 A
	: Approximate mass / unit length		: 16 kg/km

Note : * “Conductors” to “Conductors (This is a nominal number of strands. All wires made to meet minimum cross-sectional area and maximum resistance as set in BS specification)”

Specifications:

Description	: 2.5 mm ² (50/0.25 mm) plain copper, PVC insulated, 600 / 1,000 V, type BK, BS 6231		
Conductors*	: 2.5 mm ² (50/0.25 mm) plain annealed copper bunch meeting the requirements of BS 6360, class 5		
	: Maximum resistance at 20°C		: 7.98 Ω/km
Insulation	: Type TI 1 PVC compound meeting the requirements of BS EN 50363		
	: Minimum insulation resistance at 70°C		: 0.0094 MΩ km
	: Minimum average radial thickness		: 0.8 mm
	: Minimum overall diameter		: 3.4 mm
	: Minimum overall diameter		: 4.1 mm
Lay up	: Not applicable		
Screen	: Not applicable		
Sheath	: Not applicable		
Service Data	: For use as the internal wiring of switch, control, metering, relay and instrument panels of power switchgear, and for the internal connections of rectifier equipment and motor starters and controllers		
	: Rated voltage (U ₀ /U)		: 600 / 1,000 V ac
	: Maximum operating (conductor) temperature		: +70°C
	: Minimum ambient temperature (once installed, not subject to flexing)		: -20°C
	: Maximum current rating at 30°C ambient temperature (free air, single cable)		: 32 A
	: Approximate mass / unit length		: 32 kg/km

Note : * “Conductors” to “Conductors (This is a nominal number of strands. All wires made to meet minimum cross-sectional area and maximum resistance as set in BS specification)”

Specifications:

Description	: 4 mm ² (56/0.3 mm) plain copper, PVC insulated, 600 / 1,000 V, type BK, BS 6231		
Conductors*	: 4 mm ² (56/0.3 mm) plain annealed copper bunch meeting the requirements of BS 6360, class 5		
	: Maximum resistance at 20°C		: 4.95 Ω/km
Insulation	: Type TI 1 PVC compound meeting the requirements of BS EN 50363		
	: Minimum insulation resistance at 70°C		: 0.0077 MΩ km
	: Minimum average radial thickness		: 0.8 mm
	: Minimum overall diameter		: 3.9 mm
	: Minimum overall diameter		: 4.8 mm
Lay up	: Not applicable		
Screen	: Not applicable		
Sheath	: Not applicable		
Service Data	: For use as the internal wiring of switch, control, metering, relay and instrument panels of power switchgear, and for the internal connections of rectifier equipment and motor starters and controllers		
	: Rated voltage (U ₀ /U)		: 600 / 1,000 V ac
	: Maximum operating (conductor) temperature		: +70°C
	: Minimum ambient temperature (once installed, not subject to flexing)		: -20°C
	: Maximum current rating at 30°C ambient temperature (free air, single cable)		: 43 A
	: Approximate mass / unit length		: 49 kg/km

Note : * “Conductors” to “Conductors (This is a nominal number of strands. All wires made to meet minimum cross-sectional area and maximum resistance as set in BS specification)”

Specifications:

Description	: 10 mm ² (80/0.4 mm) plain copper, PVC insulated, 600 / 1,000 V, type BK, BS 6231		
Conductors*	: 10 mm ² (80/0.4 mm) plain annealed copper bunch meeting the requirements of BS 6360, class 5		
	: Maximum resistance at 20°C		: 1.91 Ω/km
Insulation	: Type TI 1 PVC compound meeting the requirements of BS EN 50363		
	: Minimum insulation resistance at 70°C		: 0.0058 MΩ km
	: Minimum average radial thickness		: 1 mm
	: Minimum overall diameter		: 5.7 mm
	: Minimum overall diameter		: 7.2 mm
Lay up	: Not applicable		
Screen	: Not applicable		
Sheath	: Not applicable		
Service Data	: For use as the internal wiring of switch, control, metering, relay and instrument panels of power switchgear, and for the internal connections of rectifier equipment and motor starters and controllers		
	: Rated voltage (U ₀ /U)		: 600 / 1,000 V ac
	: Maximum operating (conductor) temperature		: +70°C
	: Minimum ambient temperature (once installed, not subject to flexing)		: -20°C
	: Maximum current rating at 30°C ambient temperature (free air, single cable)		: 79 A
	: Approximate mass / unit length		: 114 kg/km

Note : * “Conductors” to “Conductors (This is a nominal number of strands. All wires made to meet minimum cross-sectional area and maximum resistance as set in BS specification)”

Specifications:

Description	: 6 mm ² (84/0.3 mm) plain copper, PVC insulated, 600 / 1,000 V, type BK, BS 6231		
Conductors*	: 6 mm ² (84/0.3 mm) plain annealed copper bunch meeting the requirements of BS 6360, class 5		
	: Maximum resistance at 20°C		: 3.3 Ω/km
Insulation	: Type TI 1 PVC compound meeting the requirements of BS EN 50363		
	: Minimum insulation resistance at 70°C		: 0.0059 MΩ km
	: Minimum average radial thickness		: 0.8 mm
	: Minimum overall diameter		: 4.4 mm
	: Minimum overall diameter		: 5.3 mm
Lay up	: Not applicable		
Screen	: Not applicable		
Sheath	: Not applicable		
Service Data	: For use as the internal wiring of switch, control, metering, relay and instrument panels of power switchgear, and for the internal connections of rectifier equipment and motor starters and controllers		
	: Rated voltage (U ₀ /U)		: 600 / 1,000 V ac
	: Maximum operating (conductor) temperature		: +70°C
	: Minimum ambient temperature (once installed, not subject to flexing)		: -20°C
	: Maximum current rating at 30°C ambient temperature (free air, single cable)		: 56 A
	: Approximate mass / unit length		: 73.5 kg/km

Note : * “Conductors” to “Conductors (This is a nominal number of strands. All wires made to meet minimum cross-sectional area and maximum resistance as set in BS specification)”

Specifications:

Description	: Single core, 35 mm ² flexible plain copper, PVC insulated, 600 / 1,000 BS 6231, type BK		
Conductors*	: 35 mm ² (276/0.4 PC) plain annealed copper wires to BS 6360, class 5		
	: Maximum resistance of conductors at 20°C		: 0.554 Ω/km
Insulation	: Type TI 1 PVC compound to BS EN 50363-3		
	: Insulation must be circular, smooth and not have air bubbles caused by overheating during extrusion		
	: Minimum point radial thickness		: 0.98 mm
	: Minimum average radial thickness		: 1.2 mm
	: Minimum overall diameter		: 10.7 mm
	: Minimum overall diameter		: 11.3 mm
Lay up	: Not applicable		
Screen	: Not applicable		
Sheath	: Not applicable		
Service Data	: For use as the internal wiring of switch, control, metering, relay and instrument panels of power switchgear, and for the internal connections of rectifier equipment and motor starters and controllers		
	: Rated voltage (U ₀ /U)		: 600 / 1,000 V ac
	: Maximum operating (conductor) temperature		: +70°C
	: Minimum ambient temperature (once installed, not subject to flexing)		: -20°C
	: Maximum current rating at 30°C ambient temperature (free air, single cable)		: 19 A
	: Approximate mass / unit length		: 16 kg/km

Note : * “Conductors” to “Conductors (This is a nominal number of strands. All wires made to meet minimum cross-sectional area and maximum resistance as set in BS specification)”

Part Number Table

Description	Part Number	Description	Part Number
Wire, BK, Black, 32/0.2 mm, 100 m	BK 1.0 BLK 100M	Wire, BK, Black, 126/0.4 mm, 50 m	BK 16.0 BLK 50M
Wire, BK, Red, 32/0.2 mm, 100 m	BK 1.0 RED 100M	Wire, BK, Red, 126/0.4 mm, 50 m	BK 16.0 RED 50M
Wire, CK, Black, 30/0.25 mm, 100 m	CK 1.5 BLK 100M	Wire, BK, GRN/YEL, 126/0.4 mm, 50 m	BK 16.0 G/Y 50M
Wire, CK, Blue, 30/0.25 mm, 100 m	CK 1.5 BLU 100M	Wire, BK, Black, 196/0.4 mm, 50 m	BK 25.0 BLK 50M
Wire, CK, Red, 30/0.25 mm, 100 m	CK 1.5 RED 100M	Wire, BK, Red, 196/0.4 mm, 50 m	BK 25.0 RED 50M
Wire, CK, GRN/YEL, 30/0.25 mm, 100 m	CK 1.5 G/Y 100M	Wire, BK, Black, 276/0.4 mm, 50 m	BK 35.0 BLK 50M
Wire, CK, Black, 50/0.25 mm, 100 m	CK 2.5 BLK 100M	Wire, BK, BS6231, Black, 6 mm, 25 m	1179195
Wire, CK, Blue, 50/0.25 mm, 100 m	CK 2.5 BLU 100M	Wire, BK, BS6231, Blue, 6 mm, 25 m	1179197
Wire, CK, Red, 50/0.25 mm, 100 m	CK 2.5 RED 100M	Wire, BK, BS6231, Red, 6 mm, 25 m	1179198
Wire, CK, GRN/YEL, 50/0.25 mm, 100 m	CK 2.5 G/Y 100M	Wire, BK, BS6231, Yellow, 6 mm, 25 m	1179199
Wire, BK, Black, 30/0.25 mm, 100 m	BK 1.5 BLK 100M	Wire, BK, BS6231, GRN/YEL, 6 mm, 25 m	1179200
Wire, BK, Green, 30/0.25 mm, 100 m	BK 1.5 GRN 100M	Wire, BK, BS6231, Black, 10 mm, 25 m	1179201
Wire, BK, Red, 30/0.25 mm, 100 m	BK 1.5 RED 100M	Wire, BK, BS6231, Red, 10 mm, 25 m	1179204
Wire, BK, GRN/YEL, 30/0.25 mm, 100 m	BK 1.5 G/Y 100M	Wire, BK, BS6231, Yellow, 10 mm, 25 m	1179205
Wire, BK, Black, 50/0.25 mm, 100 m	BK 2.5 BLK 100M	Wire, BK, BS6231, Black, 16 mm, 25 m	1179207
Wire, BK, Blue, 50/0.25 mm, 100 m	BK 2.5 BLU 100M	Wire, BK, BS6231, Red, 16 mm, 25 m	1179209
Wire, BK, Red, 50/0.25 mm, 100 m	BK 2.5 RED 100M	Wire, BK, BS6231, Yellow, 16 mm, 25 m	1179210
Wire, BK, GRN/YEL, 50/0.25 mm, 100 m	BK 2.5 G/Y 100M	Wire, BK, BS6231, Black, 25 mm, 25 m	1179212
Wire, BK, Black, 56/0.3 mm, 100 m	BK 4.0 BLK 100M	Wire, BK, BS6231, Blue, 25 mm, 25 m	1179213
Wire, BK, Red, 56/0.3 mm, 100 m	BK 4.0 RED 100M		
Wire, BK, GRN/YEL, 56/0.3 mm, 100 m	BK 4.0 G/Y 100M		
Wire, BK, Black, 84/0.3 mm, 100 m	BK 6.0 BLK 100M		
Wire, BK, Blue, 84/0.3 mm, 100 m	BK 6.0 BLU 100M		
Wire, BK, Red, 84/0.3 mm, 100 m	BK 6.0 RED 100M		
Wire, BK, GRN/YEL, 84/0.3 mm, 100 m	BK 6.0 G/Y 100M		
Wire, BK, Black, 80/0.4 mm, 100 m	BK 10.0 BLK 100M		
Wire, BK, Red, 80/0.4 mm, 100 m	BK 10.0 RED 100M		
Wire, BK, GRN/YEL, 80/0.4 mm, 100 m	BK 10.0 G/Y 100M		

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