



BESS AUXILIARY CONTROL CABLE

IEC 60228

16 orderable sizes

STANDARD IEC 60228	VOLTAGE CLASS 300/500 V	CONDUCTOR Flexible copper conductor
INSULATION / JACKET LSZH or oil resistant PVC sheath		

Construction

- 1 ■ **Conductor (per core)** – Flexible copper conductor · 32 × Ø0.2 mm · IEC 60228 cl.5
- 2 ■ **Core insulation** – PVC, XLPE or LSZH insulation
- 3 ■ **Filler** – PP filler
- 4 ■ **Sheath** – LSZH or oil resistant PVC sheath

Size selection — all available cross-sections

Cable reference	System position	Voltage class	Current guide	Conductor size	Polarity / ID	Environment
BESS Auxiliary Control 300/500 V 4 core 1.0 mm ² Numbered cores	Auxiliary control circuits	300/500 V	5 A layout-dependent	1.0 mm ²	Numbered cores	Control, HVAC, sensor and auxiliary circuit duty
BESS Auxiliary Control 300/500 V 4 core 1.5 mm ² Numbered cores	Auxiliary control circuits	300/500 V	8 A layout-dependent	1.5 mm ²	Numbered cores	Control, HVAC, sensor and auxiliary circuit duty
BESS Auxiliary Control 300/500 V 4 core 2.5 mm ² Numbered cores	Auxiliary control circuits	300/500 V	14 A layout-dependent	2.5 mm ²	Numbered cores	Control, HVAC, sensor and auxiliary circuit duty
BESS Auxiliary Control 300/500 V 4 core 4 mm ² Numbered cores	Auxiliary control circuits	300/500 V	22 A layout-dependent	4 mm ²	Numbered cores	Control, HVAC, sensor and auxiliary circuit duty
BESS Auxiliary Control 300/500 V 7 core 1.0 mm ² Numbered cores	Auxiliary control circuits	300/500 V	5 A layout-dependent	1.0 mm ²	Numbered cores	Control, HVAC, sensor and auxiliary circuit duty

Cable reference	System position	Voltage class	Current guide	Conductor size	Polarity / ID	Environment
BESS Auxiliary Control 300/500 V 7 core 1.5 mm ² Numbered cores	Auxiliary control circuits	300/500 V	8 A layout-dependent	1.5 mm ²	Numbered cores	Control, HVAC, sensor and auxiliary circuit duty
BESS Auxiliary Control 300/500 V 7 core 2.5 mm ² Numbered cores	Auxiliary control circuits	300/500 V	14 A layout-dependent	2.5 mm ²	Numbered cores	Control, HVAC, sensor and auxiliary circuit duty
BESS Auxiliary Control 300/500 V 7 core 4 mm ² Numbered cores	Auxiliary control circuits	300/500 V	22 A layout-dependent	4 mm ²	Numbered cores	Control, HVAC, sensor and auxiliary circuit duty
BESS Auxiliary Control 300/500 V 12 core 1.0 mm ² Numbered cores	Auxiliary control circuits	300/500 V	5 A layout-dependent	1.0 mm ²	Numbered cores	Control, HVAC, sensor and auxiliary circuit duty
BESS Auxiliary Control 300/500 V 12 core 1.5 mm ² Numbered cores	Auxiliary control circuits	300/500 V	8 A layout-dependent	1.5 mm ²	Numbered cores	Control, HVAC, sensor and auxiliary circuit duty
BESS Auxiliary Control 300/500 V 12 core 2.5 mm ² Numbered cores	Auxiliary control circuits	300/500 V	14 A layout-dependent	2.5 mm ²	Numbered cores	Control, HVAC, sensor and auxiliary circuit duty
BESS Auxiliary Control 300/500 V 12 core 4 mm ² Numbered cores	Auxiliary control circuits	300/500 V	22 A layout-dependent	4 mm ²	Numbered cores	Control, HVAC, sensor and auxiliary circuit duty
BESS Auxiliary Control 300/500 V 18 core 1.0 mm ² Numbered cores	Auxiliary control circuits	300/500 V	5 A layout-dependent	1.0 mm ²	Numbered cores	Control, HVAC, sensor and auxiliary circuit duty
BESS Auxiliary Control 300/500 V 18 core 1.5 mm ² Numbered cores	Auxiliary control circuits	300/500 V	8 A layout-dependent	1.5 mm ²	Numbered cores	Control, HVAC, sensor and auxiliary circuit duty
BESS Auxiliary Control 300/500 V 18 core 2.5 mm ² Numbered cores	Auxiliary control circuits	300/500 V	14 A layout-dependent	2.5 mm ²	Numbered cores	Control, HVAC, sensor and auxiliary circuit duty
BESS Auxiliary Control 300/500 V 18 core 4 mm ² Numbered cores	Auxiliary control circuits	300/500 V	22 A layout-dependent	4 mm ²	Numbered cores	Control, HVAC, sensor and auxiliary circuit duty