



**PH120 EMERGENCY CIRCUIT CABLE**

EN 50200

9 orderable sizes

STANDARD <b>EN 50200</b>	VOLTAGE CLASS <b>300/500 V</b>	CONDUCTOR <b>Copper conductor</b>
INSULATION / JACKET <b>LSZH</b>		

**Construction**

- 1 ■ **Conductor (per core)** – Copper conductor · 7 × Ø0.52 mm · IEC 60228 cl.2
- 2 ■ **Core insulation** – LSZH fire resistant insulation
- 3 ■ **Filler** – PP filler
- 4 ■ **Shield** – Foil shield (B)
- 5 ■ **Sheath** – LSZH

**Size selection — all available cross-sections**

Cable reference	Voltage class	Core layout	Conductor size	Fire performance	Protection / screen	OD guide
EN 50200 PH120 Fire Alarm 300/500 V 2 core 1.0 mm <sup>2</sup>	300/500 V	2 core	1.0 mm <sup>2</sup>	PH120 minimum 120 minutes at 840 °C	Optional foil screen	14 mm
EN 50200 PH120 Fire Alarm 300/500 V 2 core 1.5 mm <sup>2</sup>	300/500 V	2 core	1.5 mm <sup>2</sup>	PH120 minimum 120 minutes at 840 °C	Optional foil screen	15 mm
EN 50200 PH120 Fire Alarm 300/500 V 2 core 2.5 mm <sup>2</sup>	300/500 V	2 core	2.5 mm <sup>2</sup>	PH120 minimum 120 minutes at 840 °C	Optional foil screen	15 mm
EN 50200 PH120 Fire Alarm 300/500 V 3 core 1.0 mm <sup>2</sup>	300/500 V	3 core	1.0 mm <sup>2</sup>	PH120 minimum 120 minutes at 840 °C	Optional foil screen	16 mm
EN 50200 PH120 Fire Alarm 300/500 V 3 core 1.5 mm <sup>2</sup>	300/500 V	3 core	1.5 mm <sup>2</sup>	PH120 minimum 120 minutes at 840 °C	Optional foil screen	16 mm
EN 50200 PH120 Fire Alarm 300/500 V 3 core 2.5 mm <sup>2</sup>	300/500 V	3 core	2.5 mm <sup>2</sup>	PH120 minimum 120 minutes at 840 °C	Optional foil screen	17 mm
EN 50200 PH120 Fire Alarm 300/500 V 4 core 1.0 mm <sup>2</sup>	300/500 V	4 core	1.0 mm <sup>2</sup>	PH120 minimum 120 minutes at 840 °C	Optional foil screen	18 mm
EN 50200 PH120 Fire Alarm 300/500 V 4 core 1.5 mm <sup>2</sup>	300/500 V	4 core	1.5 mm <sup>2</sup>	PH120 minimum 120 minutes at 840 °C	Optional foil screen	18 mm

Cable reference	Voltage class	Core layout	Conductor size	Fire performance	Protection / screen	OD guide
EN 50200 PH120 Fire Alarm 300/500 V 4 core 2.5 mm <sup>2</sup>	300/500 V	4 core	2.5 mm <sup>2</sup>	PH120 minimum 120 minutes at 840 °C	Optional foil screen	19 mm

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