



**CONTAINER INTERNAL LSZH CABLE**

IEC 60502-1

27 orderable sizes

<b>STANDARD</b> IEC 60502-1	<b>VOLTAGE CLASS</b> 0.6/1 kV	<b>CONDUCTOR</b> Copper conductor
<b>INSULATION / JACKET</b> LSZH sheath		

**Construction**

- 1 ■ **Conductor (per core)** – Flexible copper conductor · 276 × Ø0.4 mm · IEC 60228 cl.5
- 2 ■ **Core insulation** – XLPE insulation
- 3 ■ **Filler** – PP filler
- 4 ■ **Sheath** – LSZH sheath

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

Cable reference	System position	Voltage class	Current guide	Conductor size	Polarity / ID	Environment
<b>BESS Container LSZH</b> Power 0.6/1 kV 3 core 2.5 mm <sup>2</sup> Core color ID	Container internal power	0.6/1 kV	14 A layout-dependent	2.5 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame retardant duty
<b>BESS Container LSZH</b> Power 0.6/1 kV 3 core 4 mm <sup>2</sup> Core color ID	Container internal power	0.6/1 kV	22 A layout-dependent	4 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame retardant duty
<b>BESS Container LSZH</b> Power 0.6/1 kV 3 core 6 mm <sup>2</sup> Core color ID	Container internal power	0.6/1 kV	32 A layout-dependent	6 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame retardant duty
<b>BESS Container LSZH</b> Power 0.6/1 kV 3 core 10 mm <sup>2</sup> Core color ID	Container internal power	0.6/1 kV	54 A layout-dependent	10 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame retardant duty
<b>BESS Container LSZH</b> Power 0.6/1 kV 3 core 16 mm <sup>2</sup> Core color ID	Container internal power	0.6/1 kV	86 A layout-dependent	16 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame retardant duty
<b>BESS Container LSZH</b> Power 0.6/1 kV 3 core 25 mm <sup>2</sup> Core color ID	Container internal power	0.6/1 kV	135 A layout-dependent	25 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame retardant duty
<b>BESS Container LSZH</b> Power 0.6/1 kV 3 core	Container internal	0.6/1 kV	189 A layout-	35 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame

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35 mm <sup>2</sup> Core color ID	power		dependent			retardant duty
BESS Container LSZH Power 0.6/1 kV 3 core 50 mm <sup>2</sup> Core color ID	Container internal power	0.6/1 kV	270 A layout-dependent	50 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame retardant duty
BESS Container LSZH Power 0.6/1 kV 3 core 70 mm <sup>2</sup> Core color ID	Container internal power	0.6/1 kV	378 A layout-dependent	70 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame retardant duty
BESS Container LSZH Power 0.6/1 kV 4 core 2.5 mm <sup>2</sup> Core color ID	Container internal power	0.6/1 kV	14 A layout-dependent	2.5 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame retardant duty
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BESS Container LSZH Power 0.6/1 kV 4 core 6 mm <sup>2</sup> Core color ID	Container internal power	0.6/1 kV	32 A layout-dependent	6 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame retardant duty
BESS Container LSZH Power 0.6/1 kV 4 core 10 mm <sup>2</sup> Core color ID	Container internal power	0.6/1 kV	54 A layout-dependent	10 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame retardant duty
BESS Container LSZH Power 0.6/1 kV 4 core 16 mm <sup>2</sup> Core color ID	Container internal power	0.6/1 kV	86 A layout-dependent	16 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame retardant duty
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BESS Container LSZH Power 0.6/1 kV 4 core 50 mm <sup>2</sup> Core color ID	Container internal power	0.6/1 kV	270 A layout-dependent	50 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame retardant duty
BESS Container LSZH Power 0.6/1 kV 4 core 70 mm <sup>2</sup> Core color ID	Container internal power	0.6/1 kV	378 A layout-dependent	70 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame retardant duty
BESS Container LSZH Power 0.6/1 kV 5 core 2.5 mm <sup>2</sup> Core color ID	Container internal power	0.6/1 kV	14 A layout-dependent	2.5 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame retardant duty
BESS Container LSZH Power 0.6/1 kV 5 core 4 mm <sup>2</sup> Core color ID	Container internal power	0.6/1 kV	22 A layout-dependent	4 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame retardant duty
BESS Container LSZH Power 0.6/1 kV 5 core 6 mm <sup>2</sup> Core color ID	Container internal power	0.6/1 kV	32 A layout-dependent	6 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame retardant duty
BESS Container LSZH Power 0.6/1 kV 5 core 10 mm <sup>2</sup> Core color ID	Container internal power	0.6/1 kV	54 A layout-dependent	10 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame retardant duty

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<b>BESS Container LSZH Power 0.6/1 kV 5 core 70 mm<sup>2</sup> Core color ID</b>	Container internal power	0.6/1 kV	378 A layout-dependent	70 mm <sup>2</sup>	Core color ID	Container internal low smoke and flame retardant duty

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