Flexible cords & appliance cables

SE 895 120V LUL LSZH Track Circuit Feed

Cable

SSL SE 895 / LUL 1-085 · 120 V · -15°C to +85°C · Min. bend 6 × OD

SSL SE 895 / LUL 1-085 | 120 V

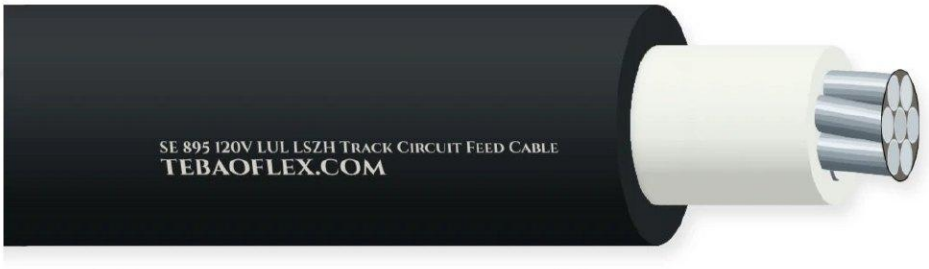


Application

SE 895 120V LUL LSZH Track Circuit Feed Cable manufactured to SSL SE 895 / LUL 1-085, rated 120 V and -15°C to +85°C with a 6 × OD minimum bending radius for industrial automation & manufacturing installations.

Typical uses: Power distribution & utility networks, Railways, tunnels & public infrastructure, Process instrumentation & oil/gas skids, Industrial automation & control cabinets, Renewable energy, marine & heavy industry

Construction





Cross-section, not to scale

1	Conductor	1×4.0 mm² (7/0.85 mm) Class 2 Stranded Tinned Cu
2	Insulation & Core Identification	LUL SE 895 Low Smoke Zero Halogen (LSZH) primary insulation (4.0 mm² Tinned Cu)
3	Screen / Bedding / Armour Layer	Double-layer concentric LSZH track circuit insulation-to-sheath interface (SSL SE 895)
4	Outer Protective Sheath	Black LUL 1-085 Low Smoke Zero Halogen (LSZH) outer sheath (OD 6.8 mm)

Technical data

Typical values

Nominal / reference voltage	120 V	Conductor & core insulation	1×4.0 mm² (7/0.85 mm) Class 2 Stranded Tinned Cu · LUL SE 895 Low Smoke Zero Halogen (LSZH) primary insulation (4.0 mm² Tinned Cu)
Routine dielectric / continuity test	100% factory drum spark & continuity verified	Operating temperature range	-15°C to +85°C
Short-circuit / peak thermal limit	+160 °C to +250 °C (5 s conductor thermal limit)	Flame & fire performance	SSL SE 895 / LUL 1-085
Minimum bending radius	6 × OD	Screening / armour architecture	Double-layer concentric LSZH track circuit insulation-to-sheath interface (SSL SE 895)
Outer sheath material & colour	Black LUL 1-085 Low Smoke Zero Halogen (LSZH) outer sheath (OD 6.8 mm)	Standards	SSL SE 895 / LUL 1-085

Sizes

3 standard constructions

Tick the sizes you need and send this page to info@tebaoflex.com or WhatsApp +86 185 9591 3361.

Part designation	Configuration	Conductor & shield	Insulation / wall	Outer sheath	Outer diameter mm	Min. bend radius mm	Max. conductor resistance @ 20 °C Ω/km	Copper weight kg/km	Cable weight kg/km	Key electrical / optical rating
SE 895 120V LUL LSZH Track Circuit Feed 3 sizes										
☐ SE 895 120V LUL LSZH Track Circuit Feed (1×4 mm²)	1×4 mm²	Stranded Tinned Copper	LUL SE 895 Low Smoke Zero Halogen primary insulation	LSZH Jacket	6.8	41	4.53	56.7	109	34 A
☐ SE 895 120V LUL LSZH Track Circuit Feed (1×6 mm²)	1×6 mm²	Stranded Tinned Copper	LUL SE 895 Low Smoke Zero Halogen primary insulation	LSZH Jacket	8.0	48	3.02	78.5	151	43 A
☐ SE 895 120V LUL LSZH Track Circuit Feed (1×10 mm²)	1×10 mm²	Stranded Tinned Copper	LUL SE 895 Low Smoke Zero Halogen primary insulation	LSZH Jacket	9.4	56	1.81	107.6	207	60 A

– Dimensions and weights are nominal manufacturing targets subject to standard production tolerances.

Standards and approvals

- ✓ SSL SE 895 / LUL 1-085 Compliant
- ✓ EN 10204 3.1 Factory Test Certificate
- ✓ CE, UKCA, RoHS 2 (2011/65/EU) & REACH

Certifications

Management systems: ISO 9001, ISO 14001, ISO 45001

Request a quotation

Send the size, length and destination. An application engineer replies within 2 business hours.

WhatsApp / phone **+86 185 9591 3361**

Email **info@tebaoflex.com**

Web **tebaoflex.com/cables/se-895-120v-lul-lszh-track-circuit-feed-cable**

Typical values for this cable type, based on Reference specification per SSL SE 895 / LUL 1-085 (SE 895 120V LUL LSZH Track Circuit Feed). Values for your order are confirmed in the quotation. Subject to change without notice. Jiangsu Tebaoflex Special Cable Co., Ltd., Taicang, Jiangsu, China.