



Technical information

Type ELSR-H up to 210 °C

Data

■ Outer jacket	Fluoropolymer
■ Bus wire	Nickel plated copper
■ Maximum exposure temperature (power off)	210 °C
■ Maximum exposure temperature (power on)	120 °C
■ Nominal voltage	230 V / 120 V*
■ Bending radius, minimum	25 mm
■ Installation temperature, min.	- 45 °C
■ Classification	II 2G Ex e IIC Gb II 2D Ex tb IIIC Db
■ Certificates	IECEX EPS 12.0004 12ATEX1429U

*upon request

Heating circuit lengths ELSR-H-...-2-BOT on the following conditions:

- 230 V nominal voltage
- Delayed action circuit breakers (C-characteristic) with 80 % maximum load
- Maximum 10 % line voltage drop on the heating cable bus wire
- One (1) single end power input heating cable

Switch-on temperature	Nominal cutout value (A)	Heating circuit length (m) for					
		ELSR-H-10-2	ELSR-H-15-2	ELSR-H-20-2	ELSR-H-30-2	ELSR-H-45-2	ELSR-H-60-2
10	16	193,0	158,0	122,0	82,0	55,0	41,0
	20	193,0	158,0	136,0	102,0	68,0	51,0
	25	193,0	158,0	136,0	111,0	85,0	64,0
	32	193,0	158,0	136,0	111,0	91,0	79,0
0	16	189,0	153,0	116,0	77,0	52,0	39,0
	20	189,0	153,0	132,0	97,0	65,0	49,0
	25	189,0	153,0	132,0	108,0	81,0	61,0
	32	189,0	153,0	132,0	108,0	88,5	77,0
-10	16	184,0	146,0	110,0	73,0	50,0	37,0
	20	184,0	148,5	129,0	92,0	62,0	46,0
	25	184,0	148,5	129,0	105,5	77,0	58,0
	32	184,0	148,5	129,0	105,5	86,5	70,0
-20	16	180,0	139,0	104,0	70,0	47,0	36,0
	20	180,0	145,0	125,5	87,0	59,0	44,0
	25	180,0	145,0	125,5	103,0	74,0	56,0
	32	180,0	145,0	125,5	103,0	84,5	67,0
-40	16	173,0	126,0	95,0	64,0	43,0	33,0
	20	173,0	138,0	119,0	80,0	54,0	41,0
	25	173,0	138,0	120,0	98,0	68,0	51,0
	32	173,0	138,0	120,0	98,0	81,0	61,0

Design

- BOT Protective braid and a fluoropolymer outer jacket

Type	Nominal output	Dimensions approx. (mm)	Weight approx. (g/m)	Art. No.
ELSR-H-10-2-BOT	10 W/m at 10 °C	12,4 x 5,0	120	B0221103
ELSR-H-15-2-BOT	15 W/m at 10 °C	12,4 x 5,0	120	B0221153
ELSR-H-20-2-BOT	20 W/m at 10 °C	12,4 x 5,0	120	B0221203
ELSR-H-30-2-BOT	30 W/m at 10 °C	12,4 x 5,0	120	B0221303
ELSR-H-45-2-BOT	45 W/m at 10 °C	12,4 x 5,0	120	B0221453
ELSR-H-60-2-BOT	60 W/m at 10 °C	12,4 x 5,0	120	B0221603

ELSR-H-...-2 output

(on insulated metallic pipes in accordance with EN 62395-1)

