

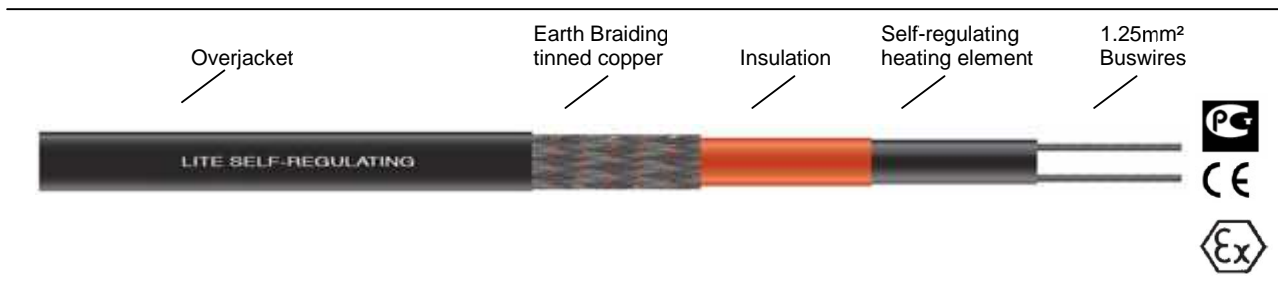
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CAVI SCALDANTI – RESISTENZE ELETTRICHE – TERMOREGOLAZIONE
 HEATING CABLES- HEATING ELEMENTS – TERMOREGULATION

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Lorenzoni® Lite (TTL) up to 85°C

Self-regulating parallel heating tape



Description of heating tape

- Self-regulating
- 5 power output ranges
- Cut-to-length

Applications

Lite is a construction and light industrial grade self-regulating heating tape that may be used for freeze protection, or low temperature maintenance of pipework and vessels.

Technical data

Maximum exposure temperature (unpowered): 85°C

Maximum operating temperature: 65°C

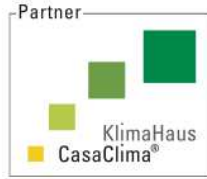
Nominal voltage:: 230 V

Min. bending radius: 25 mm

Min. installation temperature: - 50°C

Buswires: nickel coated copper

Name	Power output on insulated metal pipes at 5°C (W/m)	Maximum permissible temperature (°C)	Nominal Dimension
12 TTL-2	12	85	8.0 x 3.0
17 TTL-2	17	85	8.0 x 3.0
23 TTL-2	23	85	8.0 x 3.0
28 TTL-2	28	85	8.0 x 3.0
33 TTL-2	33	85	8.0 x 3.0
12 TTL-2-BO	12	85	10.5 x 6.0
17TTL-2-BO	17	85	10.5 x 6.0
23 TTL-2-BO	23	85	10.5 x 6.0
28 TTL-2-BO	28	85	10.5 x 6.0
33 TTL-2-BO	33	85	10.5 x 6.0
12 TTL-2-BOT	12	85	10.5 x 6.0
17 TTL-2-BOT	17	85	10.5 x 6.0
23 TTL-2-BOT	23	85	10.5 x 6.0
28 TTL-2-BOT	28	85	10.5 x 6.0
33 TTL-2-BOT	33	85	10.5 x 6.0



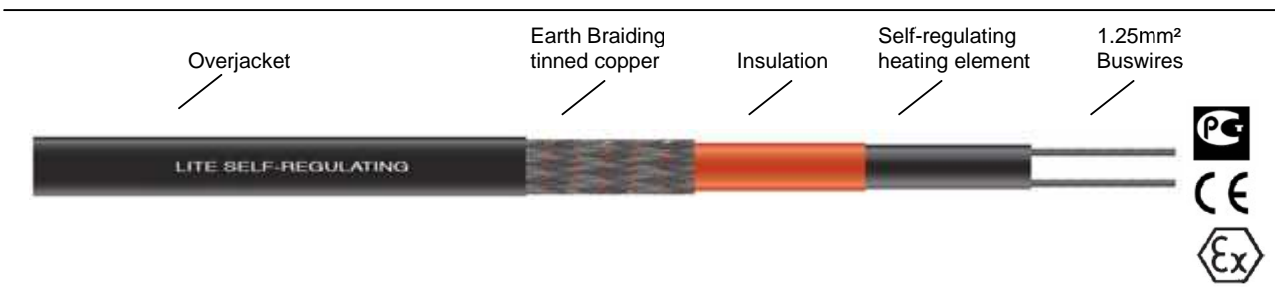
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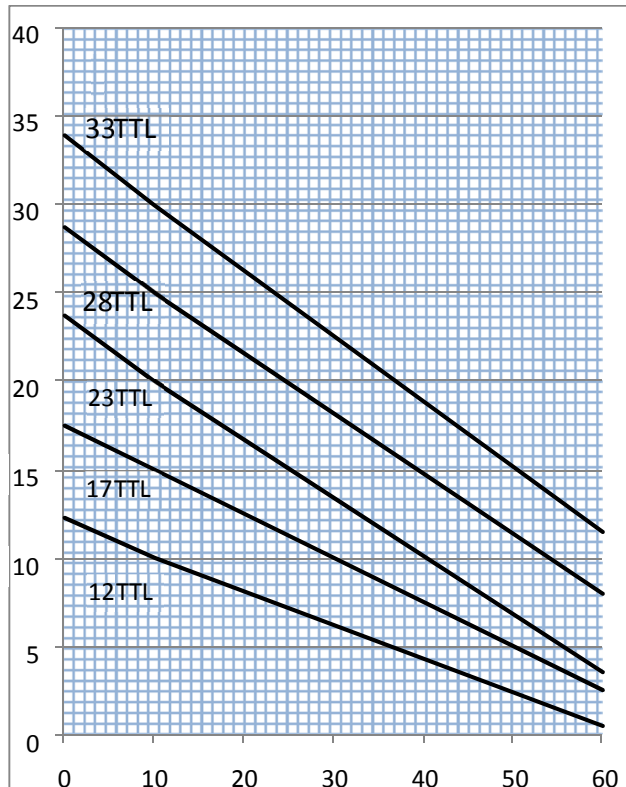
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up to 85°C



Maximum recommended length of heating circuit at 230VAC using Type-C circuit breakers: **Temperature / Loading diagram TTL**



Product Reference	Circuit Breaker	Start up Temperature		
		+10°C	-10°C	-20°C
12TTL	10A	150m	115m	100m
12TTL	16A	191m	170m	158m
12TTL	20A	194m	172m	160m
12TTL	25A	197m	174m	162m
17TTL	10A	155m	70m	61m
17TTL	16A	159m	113m	98m
17TTL	20A	161m	130m	123m
17TTL	25A	131m	134m	125m
23TTL	10A	63m	46m	37m
23TTL	16A	104m	76m	62m
23TTL	20A	124m	95m	75m
23TTL	25A	127m	108m	95m
28TTL	10A	51m	39m	34m
28TTL	16A	80m	62m	55m
28TTL	20A	99m	96m	67m
28TTL	25A	115m	105m	85m
33TTL	10A	48m	36m	31m
33TTL	16A	76m	59m	52m
33TTL	20A	95m	74m	64m
33TTL	25A	110m	93m	80m