Self regulating heating cable CAHT/Ex

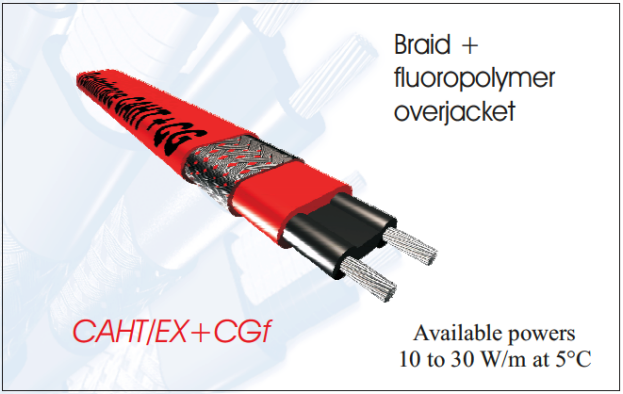
FIQ 218

CAHT/EX high temperature self-regulating heating cables are reserved for applications for maintaining the temperature of pipes, tanks, tanks and others hydraulic components located in areas classified as at risk of explosion (atmospheres explosives -ATEX - Group II2 GD)..

Marking: CAHT/Ex - Ex e IIC T3 Gb - Ex tb IIIC T120°C Db - IP 66/67
Range of use: -50°C to +120°C.

French manufacturing compliant with the requirements of European directive 2014/34/EU and standards EN 60079-0, EN 60079-7, EN 60079-31, EN 60079-30.1.

CAHT/Ex self-regulating cables are cut to length on site and are thus very simple to implement.
The electrical connection is made via an Eex'e' certified type box.
(increased safety) or Eex'd' (explosion-proof enclosure) according to standards European EN 60079.14 / EN 60079-0/07/30.



Maximum exposure powered on: 120°C / powered off: 200°C
Maximum recommended holding temperature = 85°C

www.heating-cables.com
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TECHNITRACE heating cables
www.novatrace.com
www.heating-cables-technitrace.com

CONTACT US

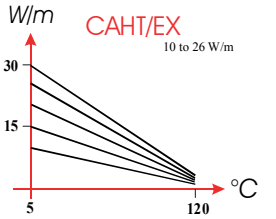
Advantages

- can be cut directly on the adjusted length on the site.
- allow derivation from a unique and single feed point.
- semiconductor heating element adapts its power locally.
- good flexibility allowing the tracing of hydraulic organs (valves, pumps, ...)
- allow overlaps during implementation (self-regulating).
- maxi temp energized : 120 ° C (power ON)- maxi temp de-energized (power OFF) : 200°C.
- ATEX notification :TECHNITRACE : LCIE 18ATEXQ4004
- ATEX type : LCIE 13ATEX3091X

	CAHT/EX 10	CAHT/EX 15	CAHT/EX 20	CAHT/EX 26	CAHT/EX 30
Power at 5°C	10 W/m	15 W/m	20 W/m	26 W/m	30 W/m
Power at 80°C	9 W/m	7 W/m	10 W/m	12 W/m	15 W/m
I current	0.100 A/m	0.130A/m	0.180 A/m	0.260 A/m	0.300 A/m
Tolerance	0 / +4 W/m	0 / +5 W/m	0 / +4 W/m	0 / +5 W/m	0 / +5 W/m
Supply voltage conductors	Nickeled copper 2*1.00 mm²	Nickeled copper 2*1.25 mm²	Nickeled copper 2*1.00 mm²	Nickeled copper 2*1.25 mm²	Nickeled copper 2*1.25 mm²

Printing *: CAHT/Ex - Ex e IIC T3 Gb - Ex tb IIIC T200°C Db - IP 66/67*
Temperature range : -50°C < Ambiant Temp <+120°C.

Main features



Maxi temperature exposure power ON (energized) : 120°C
Maxi temperature exposure power OFF (de-energized): 200°C
Maxi advised temperature maintenance = 85°C

- tinned copper braid +.fluoropolymer FEP overjacket
- voltage: 230 V / 240 V / 50 or 60 Hz (115 V optional).
- thermal calibration: Max. rated current * 2.
- use C or D curve circuit breakers.
- possibility of a maximum current spike of 3 * In / 300ms.
- necessary use differential circuit breaker: 30 mA.
- maximum length / power point = approximately 110 m.

CAHT/EX 30.2 + CGf

- CGf — Overjacket fluoropolymer FEP
- C — Tinned copper braid (C)
- 2 — Supply voltage: 1=110V - 2=230V
- 30 — Power at (W/m) at 5°C (15 or 30 W/m)

Thermal dissipation curves are theoretical and given for information purposes

Accessories