

Low temperature self regulating heating cable *CABT/Ex*



FIQ 217



CABT/Ex low temperature self-regulating heating cable consist of a heating semiconductor plastic element which adapts its calorific power (W/m) on each point depending on the local temperature. This intrinsic feature of the semiconductor heating element allows in some cases to dispense of using a thermostatic controller (self-regulation). They are reserved for temperature maintenance applications for pipes, tanks and other hydraulic systems located in hazardous area (ATEX - Group II2 GD).
Marking: CABT / Ex - Ex IIC T6 Gb - Ex tb IIIC T85 ° C Db - IP 66/67
Operating range: -50 ° C <Tambient <+ 65 ° C.

French manufacturing in accordance with the requirements of the European directive 2014/34 / EU and standards EN 60079-0, EN 60079-7, EN 60079-31, EN 60079-30.1. They can be cut on the adjusted length directly on the job site.

Applications

Freeze protection of pipes in hazardous area (ATEX).
Temperature maintenance until 35°C of thermal sensitive products when using control thermostats is difficult or not possible.



Maximum temperature exposure (power ON - energized): 65°C
Maximum temperature exposure (power OFF - de-energized) : 75°C
Maximum advised maintenance temperature : 35°C

www.heating-cables.com

info@technitrac.fr



www.novatrace.com

www.heating-cables-technitrac.com

Advantages

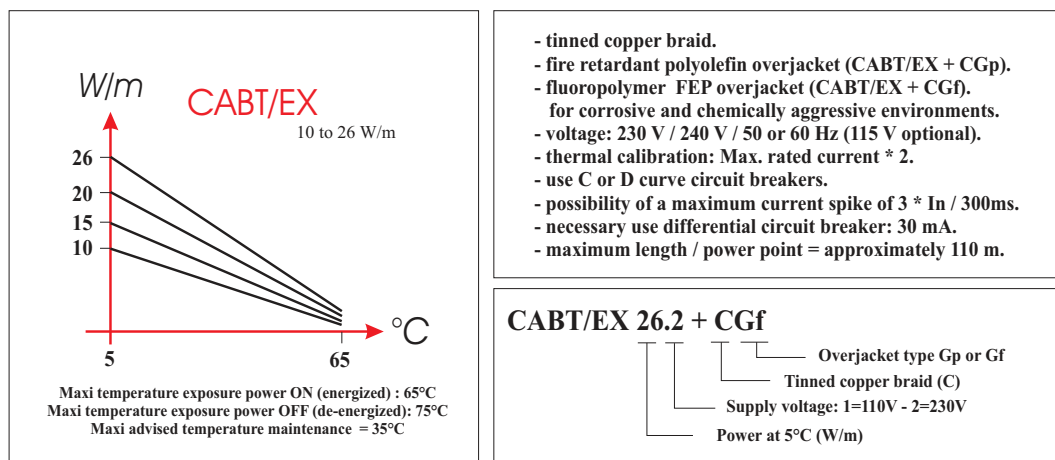
- can be cut directly on the adjusted length on the site.
- allow derivation from a unique and single feed point.
- semiconductor heating element adapts its power locally.
- good flexibility allowing the tracing of hydraulic organs (valves, pumps, ...)
- allow overlaps during implementation (self-regulating).
- maxi temp energized : 65 ° C (power ON)- maxi temp de-energized (power OFF) : 75°C.
- ATEX notification : TECHNITRACE : LCIE 18ATEXQ4004
- ATEX type : LCIE 13ATEX3091X



	<i>CABT/EX 10</i>	<i>CABT/EX 15</i>	<i>CABT/EX 20</i>	<i>CABT/EX 26</i>
Power at 5°C	10 W/m	15 W/m	20 W/m	26 W/m
Power at 55°C	3 W/m	4 W/m	5 W/m	7 W/m
I current	0.130 A/m	0.170 A/m	0.220 A/m	0.260 A/m
Tolerance	0 / +4 W/m	0 / +4 W/m	0 / +5 W/m	0 / +5 W/m
Supply voltage conductors	Nickel copper 2*1.00 mm ²	Nickel copper 2*1.00 mm ²	Nickel copper 2*1.00 mm ²	Nickel copper 2*1.25 mm ²
dimensions	CABT/EX +CGp		CABT/EX +CGf	
mini	5.50 * 11.70 mm		5.50 * 11.70 mm	
maxi	6.50 * 12.70 mm		6.50 * 12.70 mm	

Printing : *CABT/Ex - Ex e IIC T6 Gb - Ex tb IIIC T85°C Db - IP 66/67*
 Temperature range : *-50°C < Ambient Temp < +65°C.*

Main features



Thermal dissipation curves are theoretical and given for information purposes

Accessories

