



**BUREAU
VERITAS**

(13)

Annexe

(14) **EC Type Examination Certificate EPS 11 ATEX 1 356 x**

(15) Description of equipment:

This temperature monitoring and control unit is designed as a single or double device in different sizes for use as temperature control and/or temperature limitation device. The apparatus is for fixed installation. The connection can be with supply cables, control cables, load cables and self regulating BARTEC heating cables.

Electrical data:

| Type | | 27-6D*2-****/**** **** | | 27-6D*1-****/**** **** | 27-6D*3- ****/**** **** |
|--------------------------------|--------------------------------------|------------------------|---------------|---------------------------|----------------------------|
| Rated Voltage: | | AC 400 V +10% | AC 230 V +10% | AC 230 V +10% | AC/DC 24 V |
| maximum switch current*: | break contact (1-2) | 16 A | 25 (4) A | 16 (2,5) A | 0,1 A |
| | make contact (1-4) BSTW: | 6,3 A | 6,3 (2,5) A | 2 (0,4) A | 0,1 A |
| | make contact (1-4) BTB / BSTB: | 2A | 2 (0,4) A | 2(0,4) A | 0,1 A |

*depending on model, see type label $\cos \phi = 1(0,6)$

(16) Test report: 11TH0352



(17) Special conditions for safe use:

The marking with the respective temperature class has to be carried out by the operator in accordance with the manufacturer's installation instructions. The documentation must be archived safely.

Only certified components shall be used in agreement with the manufacturer.

The installation shall be only performed by trained specialists in accordance with the manufacturers instructions and the applicable installation standards.

The dielectric strength test according to EN 60079-30-1 clause 5.2.1 must be carried out as routine test.

Each circuit shall be protected by a suitable overcurrent protection and a residual current circuit breaker according to EN 60079-30-1 clause 4.3.

(18) Essential health and safety requirements:

Met by standards.



Certification department of explosion protection

Türkheim, August 20, 2012