
13. **Schedule**

14. **EC-TYPE EXAMINATION CERTIFICATE VTT 06 ATEX 008X**

15. **Description of Equipment**

Temperature limiter, type Plantherm TL600, consist one temperature measuring relay with possibility to connect to temperature sensors (Pt-100). The temperature sensors are not included in this certificate. The measuring relay shall be connected to control main contactor of the supply or another ATEX certified control equipment (e.g. frequency converter's ATEX-certified safety device). Temperature limiting circuit which includes temperature limiter shall be used parallel with another temperature controlling circuit.

Documents:

Circuit diagram; DET315 rev. A, 1 page (dated 25.1.2006)
User's manual; Plantherm TL600 rev 1.2 (dated 15.2.2006)
Part list; BILL OF MATERIALS K3066201 V.2.9, 3 pages (dated 28.5.2006)
Lay-out; P3066-200 (dated 26.1.2004)

16. **Report No. VTT-R-00754-06**

17. **Special conditions for safe use**

1. In the case of Exe- and ExnA-motors, the end user has to confirm that the installation of measurement circuit is installed according to area classification. E.g. in Exe- and ExnA-motors Pt100-sensors shall be certified together with the motor according to requirements of the type of protection or the measurement circuit of the relay shall fulfil requirements of Exi-type of protection (e.g. there shall be passive i-barrier between relay output and EUC).
2. The main contactors and auxiliary relays which temperature limiter controls shall be over-dimensioned ($2 \times I_n$).