

WITT Solutions GmbH

VLDM Enables Permanent and Intelligent Monitoring of Voldet Limited Device (VLD)

The VLDM enables permanent monitoring of VLD 50526-02 class 1, 2, 2.2 without auxiliary voltage and informs the operator via SMS or email about switching operations or defects in the VLD.

Application: With both VLDM variants, the VLD type to be monitored (class 1, 2.1, 2.2) is set by parameterisation. The voltage or current applied is determined by means of sensors or direct connections to the VLD to be monitored. The permanent intelligent evaluation recognises whether the VLD has switched or 'blown'.

This event is sent directly via the set signalling channel. It is also possible to configure a routine message to send a 'life' signal cyclically (e.g. once a month) including system and operating status.

- Continuous monitoring of the EN 50526-3 VLD-F systems (voltage breakdown fuses (SDS) or hybrid voltage limiters (HVL))
- Detection of activities and breakdowns
- Adjustable threshold values

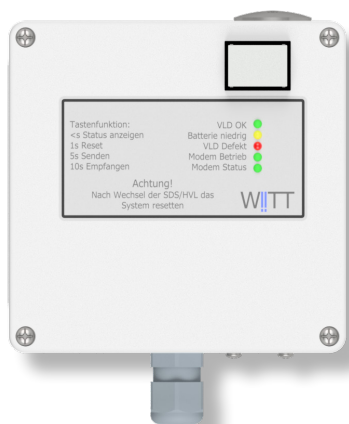


- If an event occurs, a message is sent
- Can be operated with a battery for approx. 3 years or with auxiliary voltage
- Can send messages by email or SMS
- Can use all common mobile radio frequencies

WITT offers the following variants:

- VLDM, as a stand-alone solution and IP 68
- WB-VLDM, the VLDM in a top-hat rail housing with a wide range of options and expansion possibilities
- VLDM system, the complete system consisting of a VLDM or WB-VLDM for battery operation, sensor, cable bushing and antenna

Ask us about customer and application-specific system solutions here!



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