IQ8TAM technical alarm module

- **New module for acquisition, transmission and individual indication of technical alarms**
- **Suitable for connection to the analog loop of fire alarm systems 8000 and IQ8Control**
- **Power supply via esserbus**
- **Built-in loop isolator**
- **Connection of monitored external changeover contacts**
- **Space-saving and wire-conserving installation through compact design**
- **Mounting on top hat mounting**

The IQ8TAM technical alarm module is connected as a BUS user to the analog loop of fire alarm systems 8000 and IQ8Control and allows acquisition, transmission and single indication of technical alarms. Since voltage is supplied via the esserbus, individual voltage supply is not required.
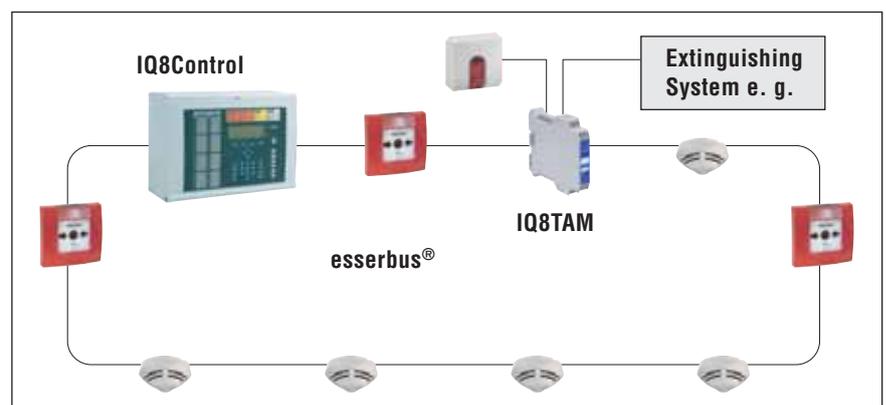
Each IQ8TAM is provided with a built-in zone isolator, which in case of trouble such as short circuits opens before and afterwards and disconnects the defective loop segment located between two isolators. During a wire break, all users remain operative.

An external remote detector indicator (Part Nos. 781804, 781814 or 801824) can be connected to each IQ8TAM technical alarm module. The maximum line length for the remote detector indicator is 100m.

The IQ8TAM technical alarm module can be installed in a an appropriate position in the housing of the fire alarm panel or it can be installed in a switch cabinet on a top hat mounting. Each module can be individually connected or cascaded modules can be operated via the space-saving and wire-conserving plug connections on the side.

A monitored external changeover contact can be connected to the input of the IQ8TAM technical alarm module. When the external changeover contact is actuated, the address and the programmed additional text of the connected IQ8TAM module are displayed.
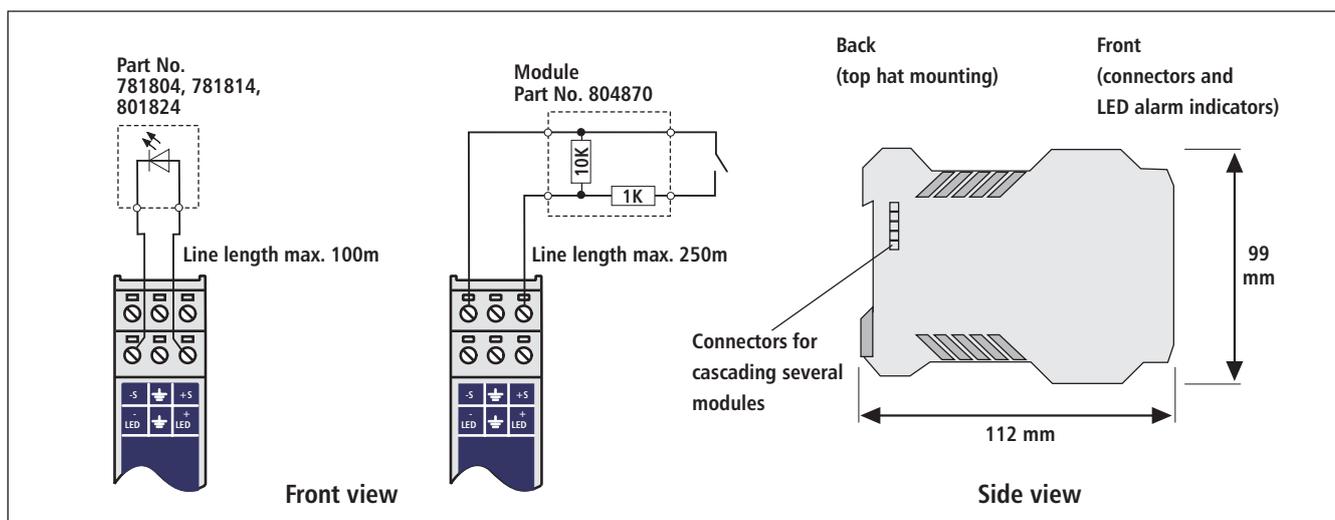
For contact monitoring, the alarm and monitoring module (Part No. 804870) is used. The maximum line length to the monitoring module is 250 m.

Messages generated by the IQ8TAM are stored and can be conveniently cleared via the reset function provided by the fire alarm panel.

Overview of Connections and Dimensions

Technical data

Operating voltage	8 V DC to 42 V DC
Rated voltage	19 V DC
Quiescent current	approx. 45 A @ 19 V DC
Emergency operation alarm	approx. 18 mA
Alarm indicator	LED, red
Connection terminals	max. 1.5 mm²
Ambient temperature	-20 °C to +70 °C
Storage temperature	-30 °C to +75 °C
Relative humidity	max. 95 % relative humidity (non-condensing)
Housing	PA 66 plastic
Color	gray, similar to RAL 7035
Type of protection	IP 30
Weight	approx. 87g
Dimensions (W x H x D)	25 x 99 x 112 mm
VdS approval	G206031

Order information

	Part No.
IQ8TAM technical alarm module	804869
Alarm and monitoring module for IQ8TAM	804870
C-rail (400mm) with fixing material	788602

Further information is provided in our fire alarm catalogue.