IQ8TAL with isolator, 1 contact IN/1 OUT



Part-No.: 804868
Approval: VdS

The technical alarm device IQ8TAL is a fully-fledged loop device of the IQ8Control and FlexES Control fire detection systems and facilitates the detection and forwarding of technical alarms.The IQ8TAL is equipped with an integrated loop isolator, a contact input and a relay output. The integrated relay can be optionally configured as a normally-closed contact or as a normally-open contact. An external NO or NC may be connected to a single IQ8TAL. When an alarm is triggered the address and the programmed additional text of the IQ8TAL to which the contact is connected are displayed automatically. The IQ8TAL does not need a separate voltage supply.In order to increase the IP protection class, the optional IP 55 protection kit (Part No. 704965) can be used.The functionality of the IQ8TAL can be tested with the included key and the alarm status can be reset directly at the device.

Features:

- One contact input and one floating relay output
- Voltage supply via the field bus
- Test and reset function
- Higher IP55 protection with Part No. 704965
- Programmable inverse monitoring functionality of the contact input
- Total cable length of the monitoring input line up to 500 m
- Integrated loop isolator
- Max. 127 transponder TAL electronic modules per analog loop
- DC/AC load switching by supply output

Quiescent current @ 19 V DC	approx. 45 µA
Contact load relay	30 V DC/AC/1 A
Operation indicator	green LED
Alarm display	red LED
Connection terminal	max. 2.5 mm² (AWG 26-14)
Application temperature	-20 °C ... 70 °C
Storage temperature	-30 °C ... 75 °C
Air humidity	< 95 %
Type of protection	IP 43, IP 55 with cover 704965
Housing	PC/ASA plastic
Color	blue, similar to RAL 5015
Weight	approx. 110 g
Dimensions	W: 88 mm H: 88 mm D: 21 mm
Declaration of Performance	DoP-20792130701

Please note that for surface mounting, the mount housing (Part No. 704981) must be ordered separately. Compatible with all IQ8Control systems with firmware V3.08 and tools 8000 V1.14 or superior.

2 x 10 k (terminating), 1 x 1 k (alarm), 1 x 6.8 k (inverse operation)

Accessories:

704965	Protective kit for MCP and TAL, transparent
704981	Surface mount housing for small MCP, blue

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