

ADP 4000 redundancy adapter



Part-No.: 784716

Adapter board for installation into the FAS provides the redundant port for the FAT 4000, ZPA4000, GMT4000 or FBF4000uC starting from the serial interface of the FACP FlexES Control. According to EN 54-2/DIN 14675, the interface of the FAS can be designed as a redundant transmission with this adapter, if the FAT 4000 fire brigade graphic annunciator is used for initial information for the fire brigade. If the FAT protocol of the FACP does not include the FBCP information, the ADP-FBF (784717) is additionally required. For installation in the parent and child FACP for networking (interconnection) of fire alarm old and new systems in accordance with DIN 14675 and VdS 2878. For connection of external systems according to DIN 14674 and VdS 3531 by ESPA 4.4.4 and espa-x protocol. Additional redundancy to compensate for the failure of software-controlled parts of the system according to EN 54-2 at more than 512 detectors. Supply voltage and the signal path of the ring are monitored for short circuits and open circuits according to EN 54-2 and for creeping short circuits and creeping open circuits in accordance with EN 54-13. Full functionality is guaranteed in case of malfunction or failure of a conduction path and it can be connected in a ring of up to 20 redundant FAT. There is an existing USB interface on board for troubleshooting, maintenance and commissioning. Using the "PROG4000" programming software enclosed with FAT 4000, it is possible to adjust the adapter to premise-specific conditions (master/slave operation).

Operating voltage	10 ... 42 V DC
Quiescent current @ 12 V DC	approx. 40 mA
Quiescent current @ 24 V DC	approx. 30 mA
Alarm current @ 12 V DC	approx. 45 mA
Ambient temperature	-5 °C ... 40 °C
Storage temperature	-10 °C ... 60 °C
Dimensions	W: 25 mm H: 115 mm D: 90 mm

Accessories:

784717	Adapter module ADP-FBF
784870	Module with RS232 interface
784871	Module with RS422/RS485 interface
784872	Module with interface M4-TTY