



BOSCH

Connecting FAT 2002 / FAT 2002 RE (Fire Brigade Indicator Panel)



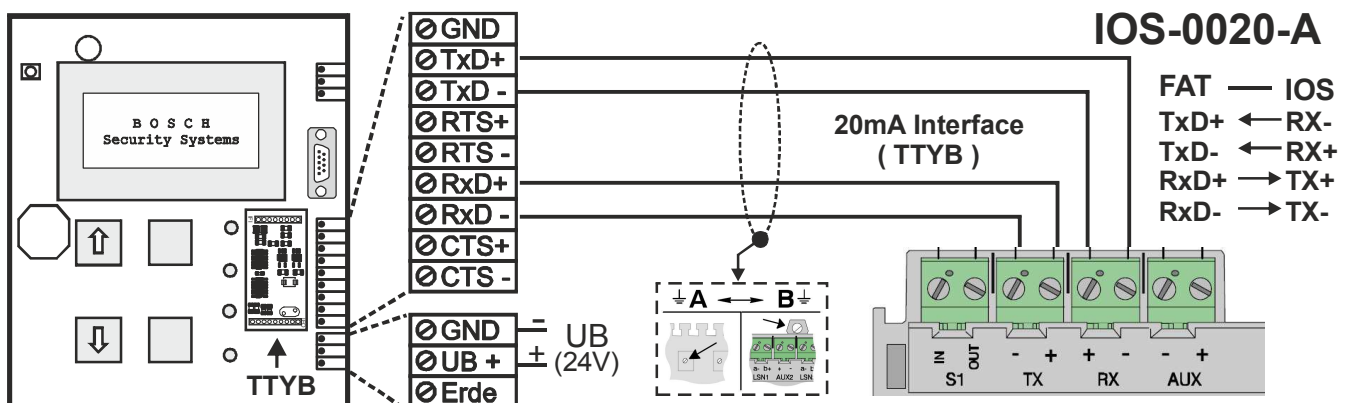
Brief Application only ! Pay attention to operating and installation instruction !

Note:

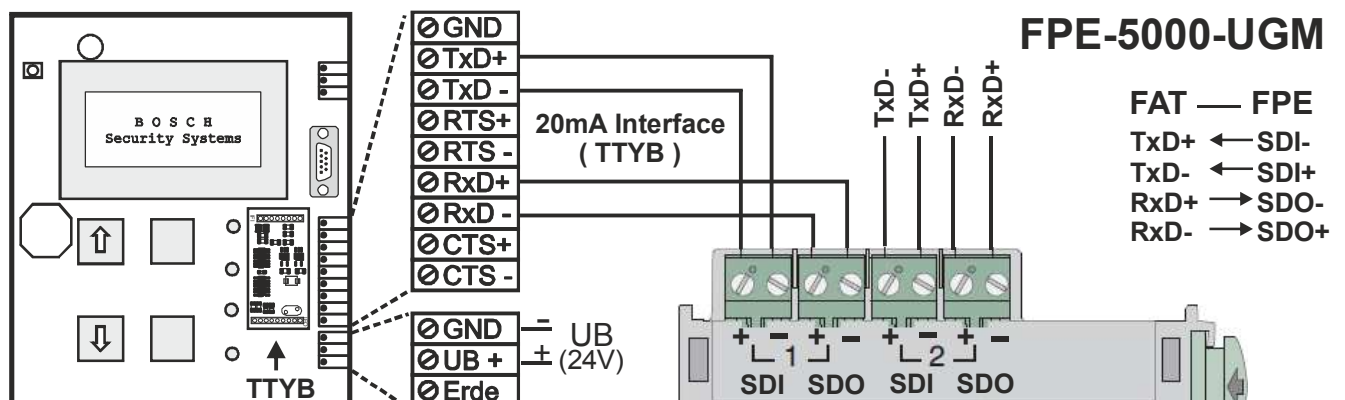
- Select interface of IOS-0020-A / FPE-5000-UGM to MTS protocol , 9600 baud
(Germany: FAT, Austria: FBF-B)
- FAT2002 programming "Configuration" ⇒ "System config"
Interface parameter: 9600,n,8,1
non redundant FAT2002: Network adr = 0, no radio button "redundant.." set
redundant FAT2002RE: Network adr = 1, set radio button "redundant .. with Dual485"
- Use FatProgWin Ver.3.1.13.0 ! - not 3.2.xx.xx ! ⇒ download from www.ifam.com
- Interconnections of 20mA / TTYB interface ⇒ are different see applications !
- Interface with fire control panel – use screw terminals only ⇒ see applications
- D-Sub-9 male connector for programming and additional functions only (e.g. ESPA4.4.4)
- If special function at D-Sub interface activated – FAT2002 is to switch manually into boot-mode for programming by pressing the reset button (left side above).

1 Connecting FAT2002 (non redundant)

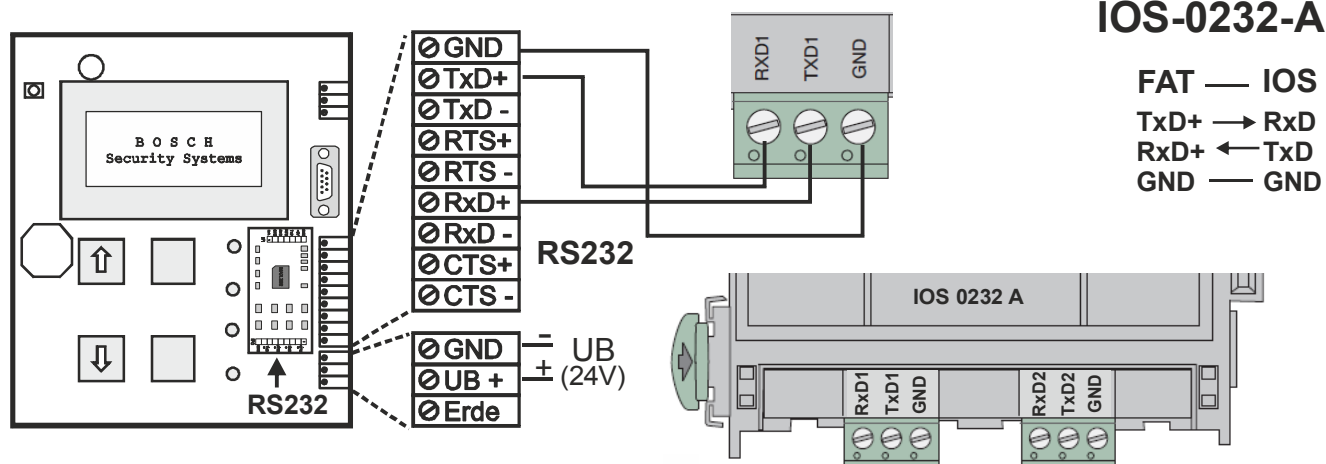
1.1 FAT2002 connected via 20mA interface to FPA5000 – IOS-0020-A



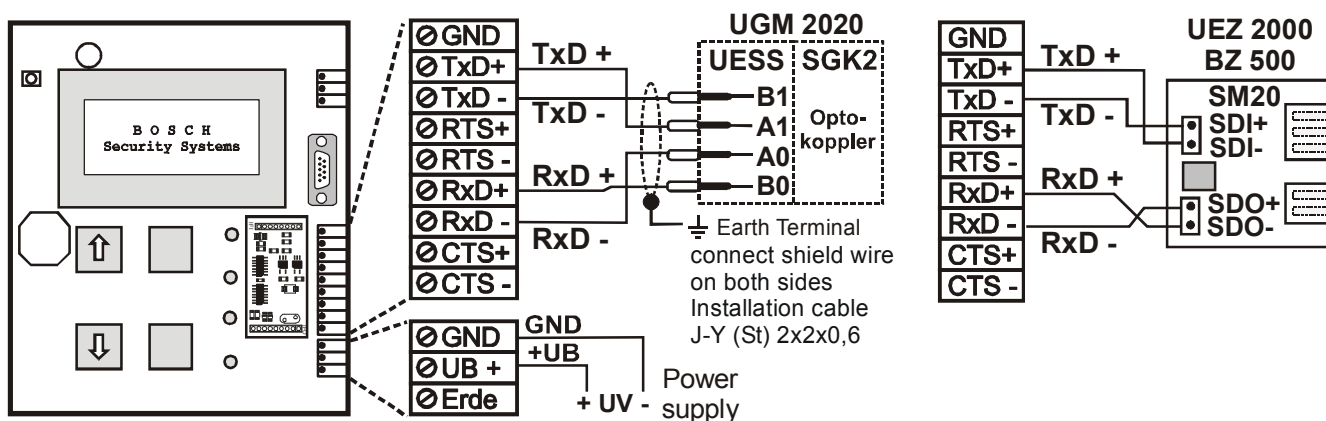
1.2 FAT2002 connected via 20mA interface to FPA5000 – FPR-5000-UGM



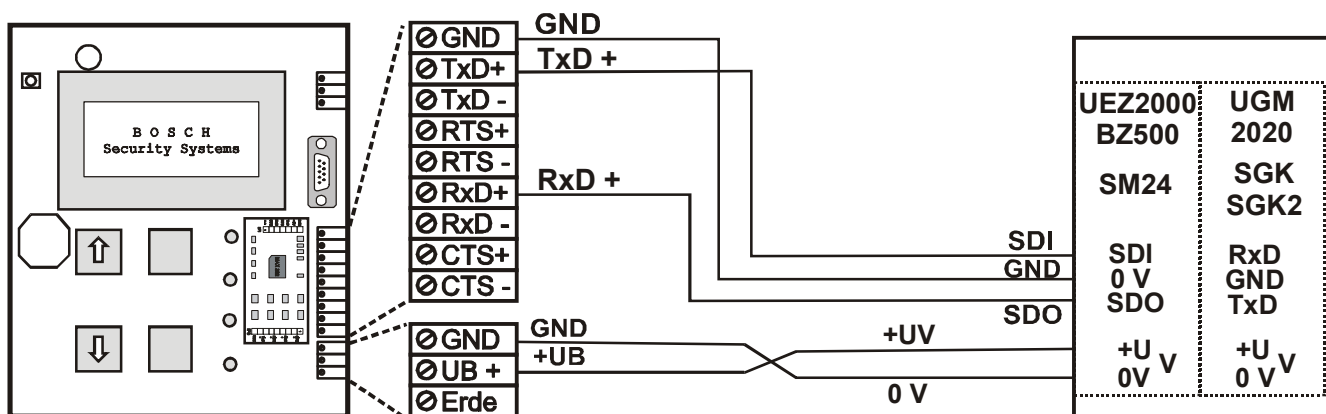
1.3 FAT2002 connected via RS232 to FPA5000 – IOS-0232-A



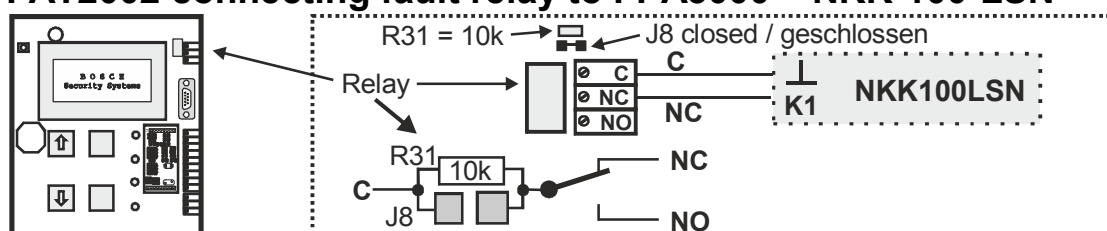
1.4 FAT2002 connected via 20mA interface to UEZ2000/BZ500/UGM2020



1.5 FAT2002 connected via RS232 to UEZ2000 / BZ500 / UGM2020



1.6 FAT2002 connecting fault relay to FPA5000 – NKK-100-LSN

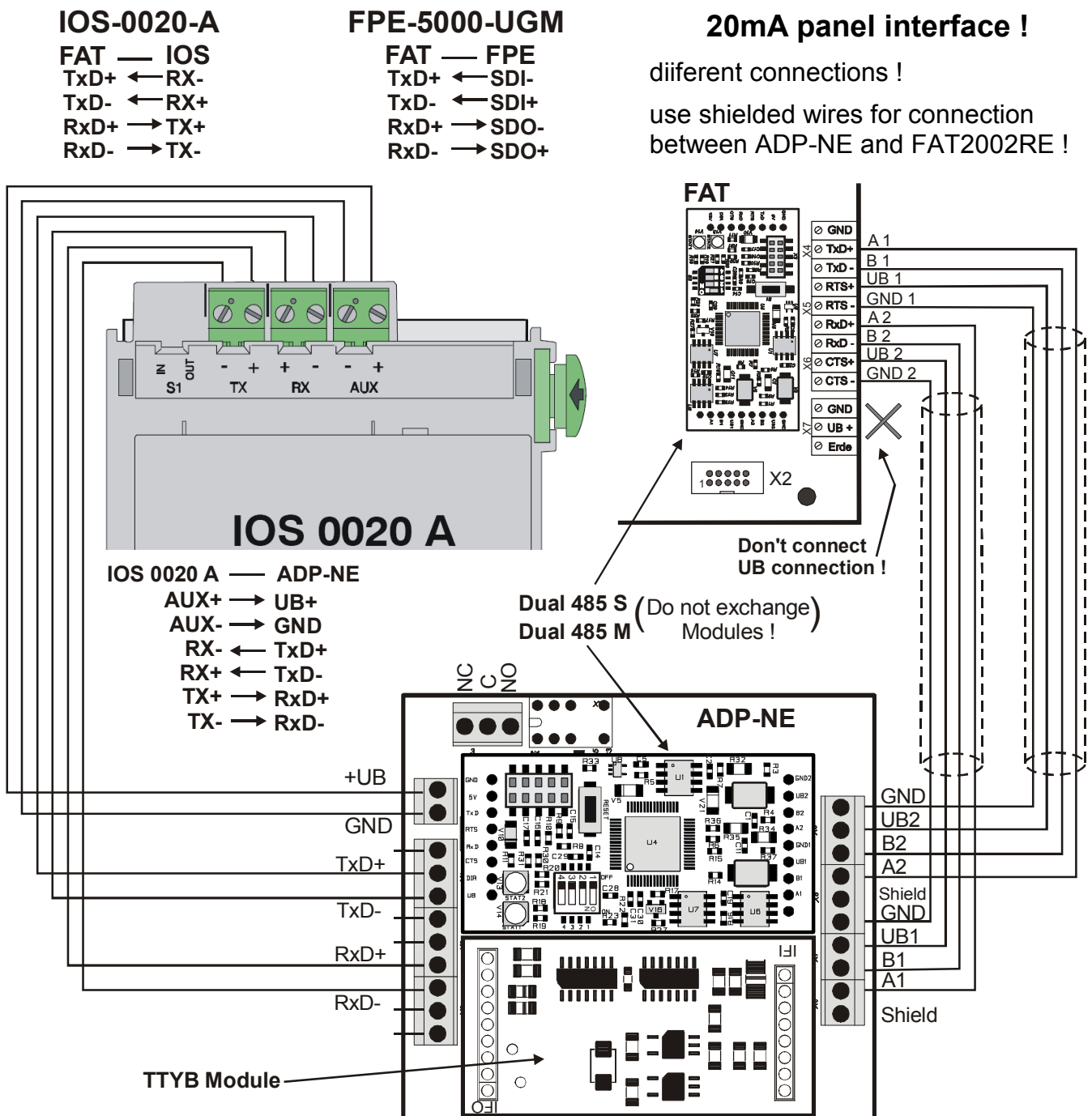


2 Connecting FAT2002RE (redundant)

- Adapter ADP-NE or ADP-NB inside the fire control panel is necessary !
 - Duplex cabling (separate) each with two wires for RS485 and two wires for power supply
 - Interface programmed as MTS-Interface – FAT / FBF-Austria, 9600 Baud
 - UGM 2020 : SGK2-Software A2.05 or later
 - FAT2002RE : Software-Version 4.24.12.15 or later
- Programming : Network-Address 1-8 /
set radio button „redundant version with Dual485-Modul“

Attention: correct connection between ADP-Nx and FAT is required :

2.1 Connecting a single redundant FAT2002RE using ADP-NE



2.2 Connection two FAT2002RE using ADP-NB (RS232 panel interface)

Attention !

Do not remove
or exchange
Dual485-Moduls
at FAT2002
and ADP-NB !

