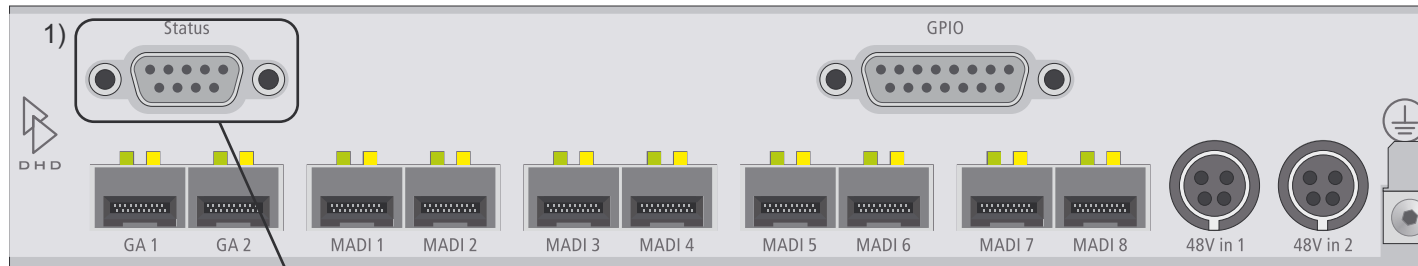


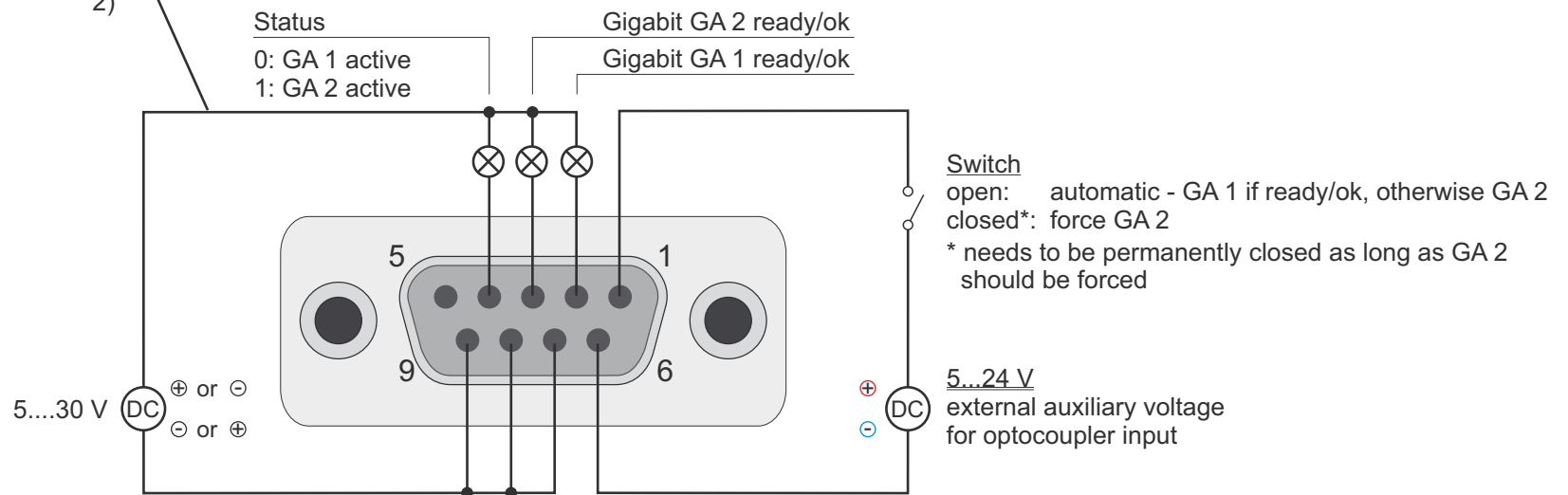
52-7320 Redundancy Mode

D-Sub 9 - Status connector - Pin Assignment



Force GA 2	GA 2 ready/ok	GA 1 ready/ok	GA 2 active	GA 1 active
0	0	0	0	0
0	0	1	0	1
0	1	0	1	0
0	1	1	0	1
1	0	0	0	0
1	0	1	0	1
1	1	0	1	0
1	1	1	1	0

„Force GA 2“



Notes:

GPI: ON voltage 5 V ... 24 V (DC) without external resistor, internal current limiter to 4 mA current for ON, OFF voltage: 0 V ... + 1.5 V.

GPI galvanically isolated with optocoupler, **polarity is relevant**.

GPO: Maximum rated current: 0,2 A (resettable fuse), maximum peak switched voltage: 30 V DC. Polarity of DC not relevant.

All 3 GPOs galvanically isolated from each other and from optocoupler input.

1) Note: Status connector is always available and active. The MADI Concentrator redundancy kit 52-7329A includes a second pair of SFP modules for GA2 of MADI Concentrator and Core.

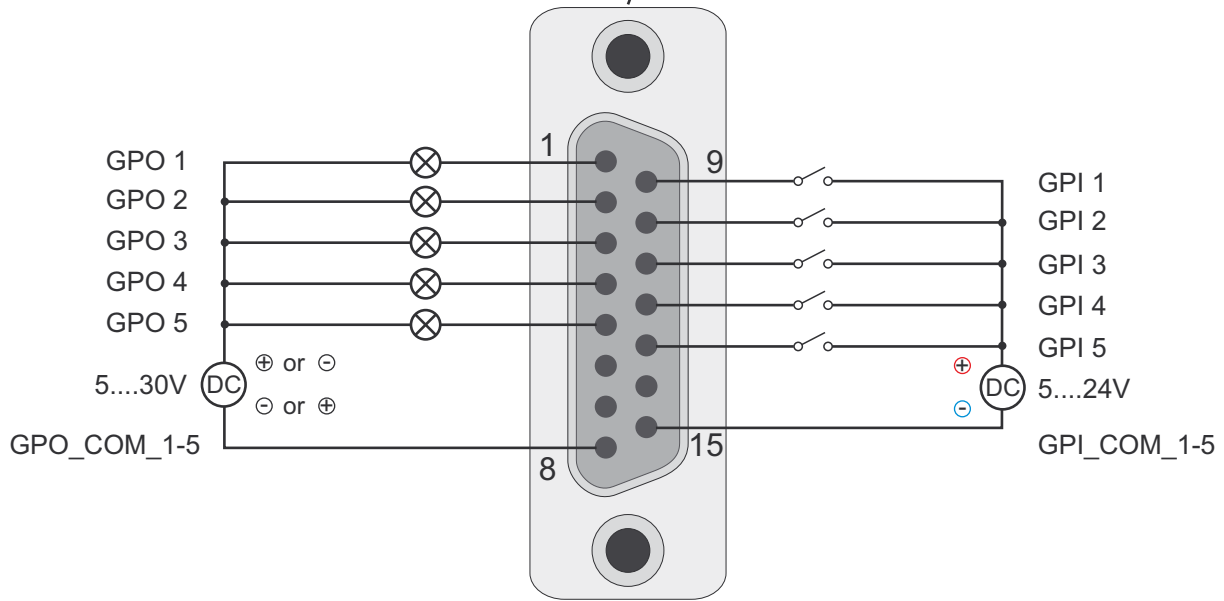
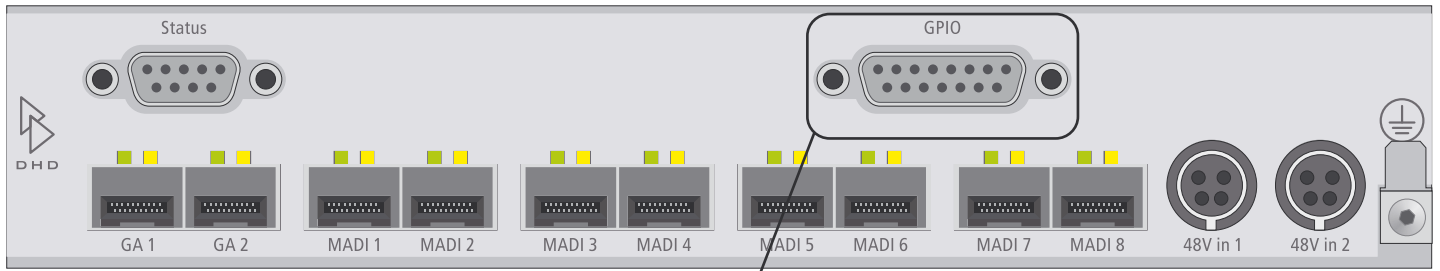
2) The MADI Concentrator redundancy kit 52-7329A needs to be ordered additionally.

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52-7320 Pin Assignment

D-Sub 15 - GPIO connector



GPI - general purpose input
 GPO - general purpose output

Notes:

GPI and GPO sections are isolated from each other and from the modules internal circuits.

GPI section uses common wire GPI_COM for all 5 GPIs.

Polarity of DC between GPIs and GPI_COM is relevant.

GPI: ON voltage 5 V ... 24 V (DC) without external resistor, internal current limiter to 4 mA current for ON, OFF voltage: 0 V ... + 1.5 V

GPO section uses common wire GPO_COM for all 5 GPOs.

Polarity of DC between GPOs and GPO_COM is not relevant.

GPO: maximum rated current: 0,2A (resettable fuse), maximum peak switched voltage: 30V DC

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