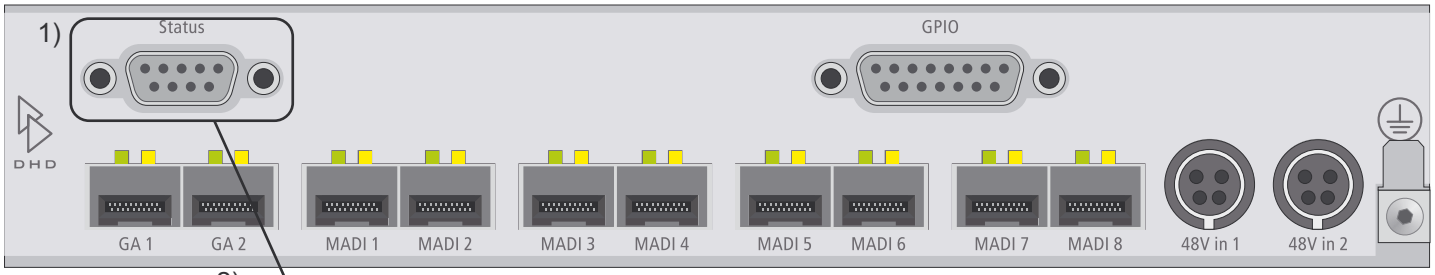
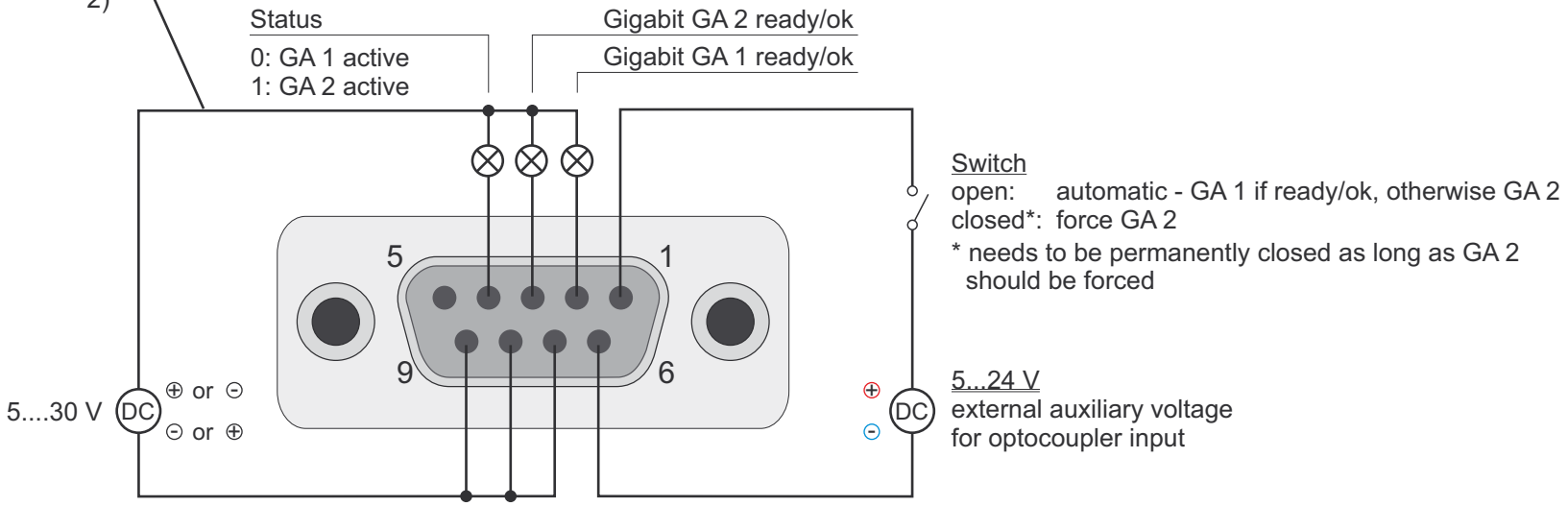
52-7320 Redundancy Mode

D-Sub 9 - Status connector - Pin Assignment



2)

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**.

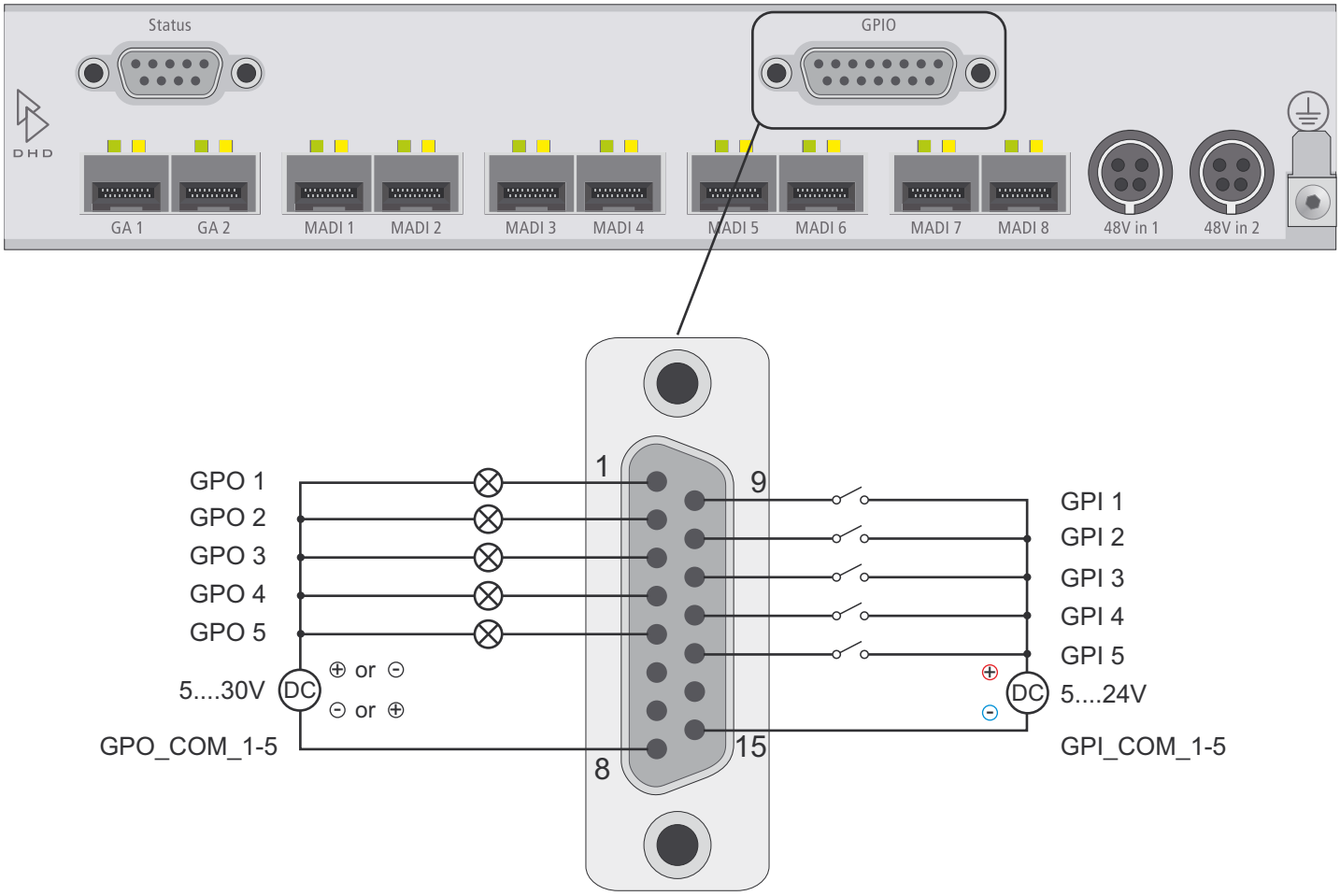
GPO: Maximum rated current: 0,2 A (resettable fuse), maximum peak switched voltage: 30 V DC. Polarity of DC not relevant.
All 3 GPOs galvanically isolated from each other and from optocoupler input.

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.

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