



Features

Applications Solid state relay module boards

Remarks

- The module boards are supplied without solid state relays or miniature fuses
- Easy-to-change fuses
- LED status identification
- Screwless mounting with mini-modules

Technical data

WG M-PB ...	1 SR
General data	
Voltage drop at the LED	2V
Ambient temperature	-30...+40 °C
Storage temperature	-25...+85 °C
IDC header DIN 41651	—
Miniature fuse holder	5 x 20 mm
Wire range, finely stranded/single core	0.5 mm ² - 2.5 mm ² / 0.5 mm ² - 4 mm ² / 22 - 12 AWG
Mounting rail	TS 32 or TS 35
Location of mounting rail	horizontal

Accessories

Input Modules :	WG MIDC24	3.3-32 V / 20-30 V
	WG MIAC24	90-140 V / 20-30 V
	WG MIAC24A	180-280 V / 20-30 V
Output Modules :	WG MODC24	3-32 V / 3-60 V
	WG MODC24A	3-32 V / 5-200 V
	WG MOAC24A	18-32 V / 24-280 V
Solid State Relays :	WG A8 6D 03 R/Z	3-32 V / 24-280 V
	WG F8 xxx	3-32 V / 1-400 V



Features

Applications Solid state relay module boards

- Remarks**
- The module boards are supplied without solid state relays or miniature fuses
 - SG : common ground version (pin 5) for input modules
 - Easy-to-change fuses
 - LED status identification
 - Screwless mounting with mini-modules

Technical data

WG M-PB ...	4 SG	8 SG
General data		
Voltage drop at the LED	2V	
Ambient temperature	-30...+40 °C	
Storage temperature	-25...+85 °C	
IDC header DIN 41651	—	
Miniature fuse holder	5 x 20 mm	
Wire range, finely stranded/single core	0.5 mm ² - 2.5 mm ² / 0.5 mm ² - 4 mm ² / 22 - 12 AWG	
Mounting rail	TS 32 or TS 35	
Location of mounting rail	horizontal	

Accessories

Input Modules :	WG MIDC24	3.3-32 V / 20-30 V
	WG MIAC24	90-140 V / 20-30 V
	WG MIAC24A	180-280 V / 20-30 V
Output Modules :	WG MODC24	3-32 V / 3-60 V
	WG MODC24A	3-32 V / 5-200 V
	WG MOAC24A	18-32 V / 24-280 V
Solid State Relays :	WG A8 6D 03 R/Z	3-32 V / 24-280 V
	WG F8 xxx	3-32 V / 1-400 V



Features

Applications Solid state relay module boards

- Remarks**
- The module boards are supplied without solid state relays or miniature fuses
 - SP : common ground version (pin 4)
 - Easy-to-change fuses
 - LED status identification
 - Screwless mounting with mini-modules

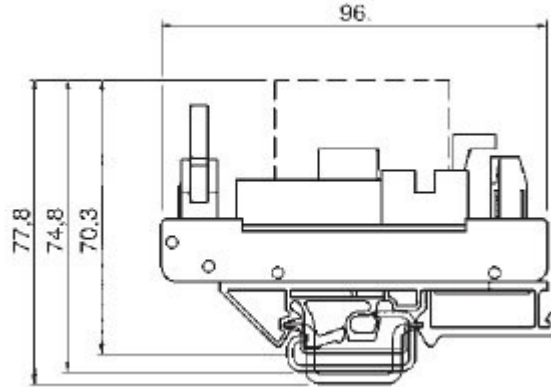
Technical data

WG M-PB ...	4 SP	8 SP
General data		
Voltage drop at the LED	2V	
Ambient temperature	-30...+40 °C	
Storage temperature	-25...+85 °C	
IDC header DIN 41651	10 pole	
Miniature fuse holder	5 x 20 mm	
Wire range, finely stranded/single core	0.5 mm ² - 2.5 mm ² / 0.5 mm ² - 4 mm ² / 22 - 12 AWG	
Mounting rail	TS 32 or TS 35	
Location of mounting rail	horizontal	

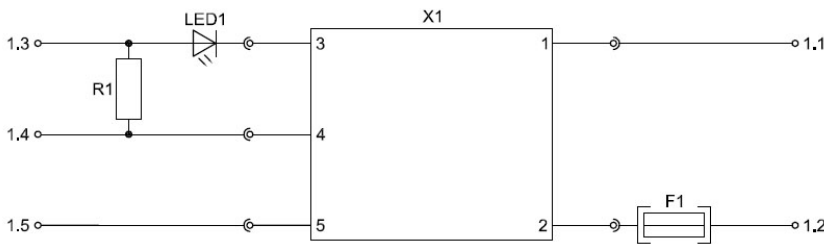
Accessories

Output Modules :	WG MODC24	3-32 V / 3-60 V
	WG MODC24A	3-32 V / 5-200 V
	WG MOAC24A	18-32 V / 24-280 V
Solid State Relays :	WG A8 6D 03 R/Z	3-32 V / 24-280 V
	WG F8 xxx	3-32 V / 1-400 V

Dimensions in mm



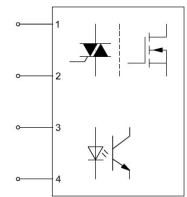
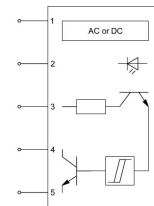
Wiring diagrams



WG M-PB 1 SR

- X1 : Plug socket for module
- LED1 : LED green
- R1 : Pull-up resistor 3K3
- F1 : Fuse holder for 5x20 fuse

Input module : Output module :

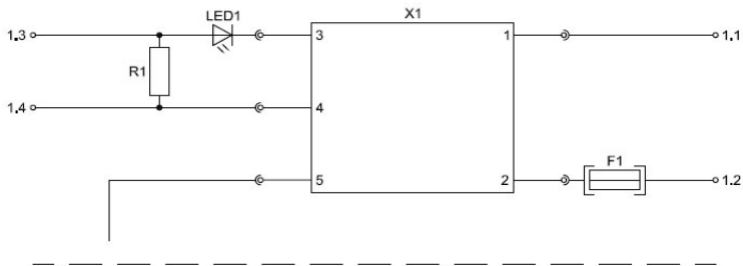


SSR module:
 - 1.3 => Vcc
 - 1.4 => Ground
 - 1.5 => Not connected

Input module:
 - 1.3 => Vcc
 - 1.4 => Output
 - 1.5 => Ground

Output module
 - 1.3 => Vcc
 - 1.4 => Ground
 - 1.5 => Not connected

Wiring diagrams

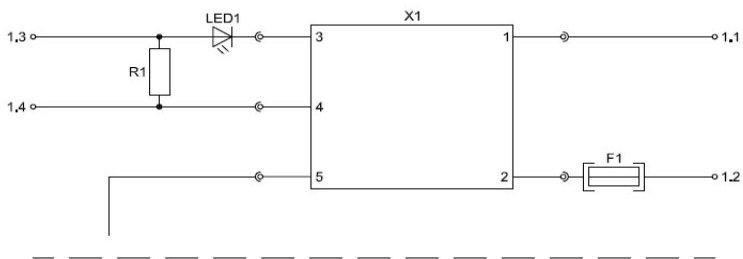
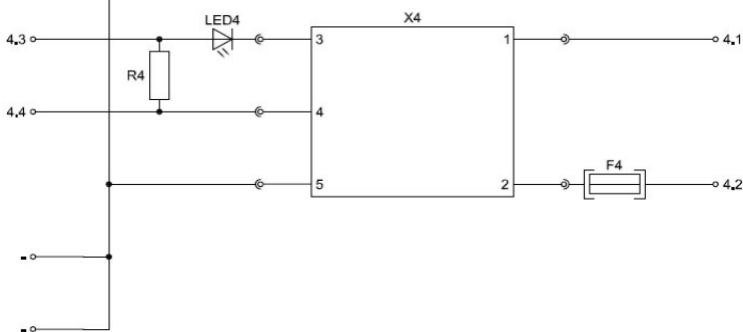
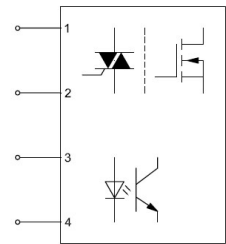
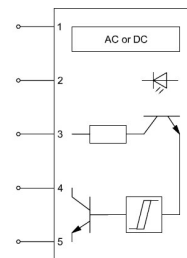


WG M-PB 4 SG

- X1 - X4 : Plug socket for module
- LED1 - LED4 : LED green
- R1 - R4 : Pull-up resistor 3K3
- F1 - F4 : Fuse holder for 5x20 fuse

Input module :

Output module :

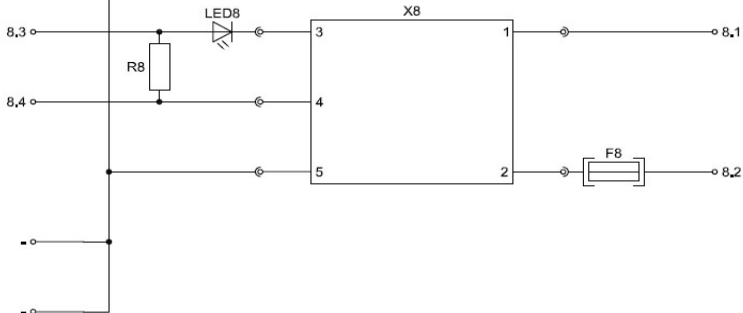
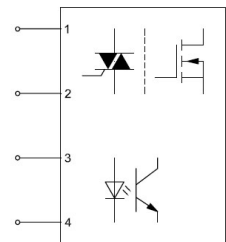
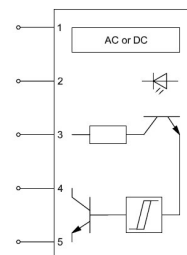


WG M-PB 8 SG

- X1 - X8 : Plug socket for module
- LED1 - LED8 : LED green
- R1 - R8 : Pull-up resistor 3K3
- F1 - F8 : Fuse holder for 5x20 fuse

Input module :

Output module :

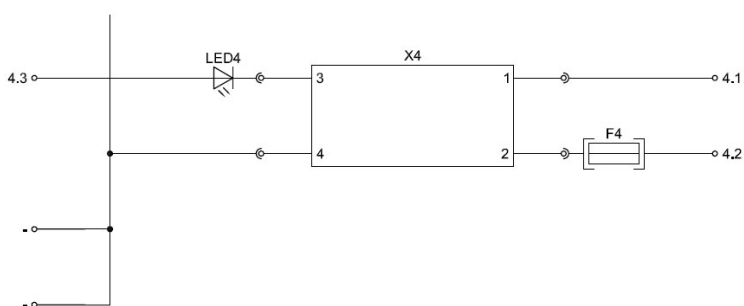
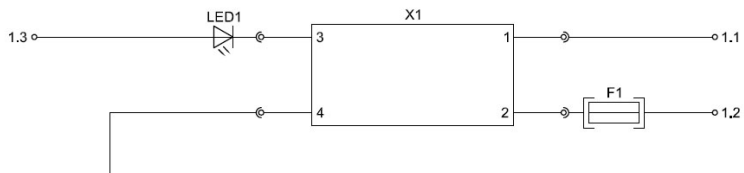


SSR module: - x.3 => Vcc
 - x.4 => Ground
 - common (-) => Not connected

Input module: - x.3 => Vcc
 - x.4 => Output
 - common (-) => Ground

Output module - x.3 => Vcc
 - x.4 => Ground
 - common (-) => Not connected

Wiring diagrams

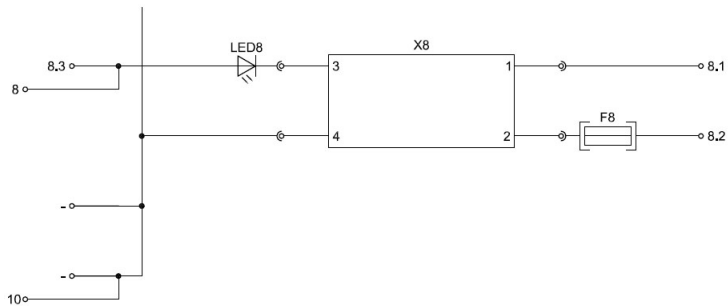
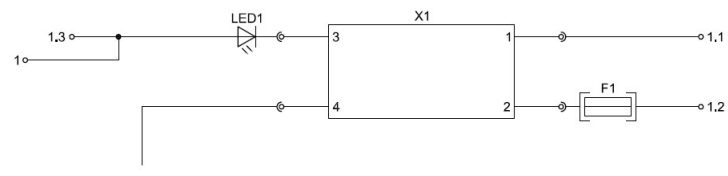
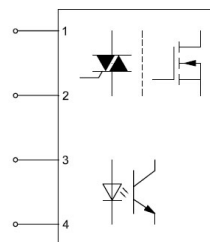


Common ground

WG M-PB 4 SP

X1 - X4 : Plug socket for module
 LED1 - LED4 : LED green
 F1 - F4 : Fuse holder for 5x20 fuse

Output module :

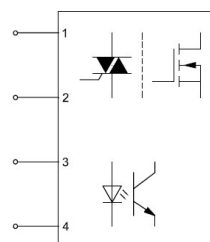


Common ground

WG M-PB 8 SP

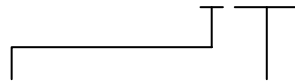
X1 - X4 : Plug socket for module
 LED1 - LED4 : LED green
 F1 - F4 : Fuse holder for 5x20 fuse

Output module :



Ordering information


WG M-PB 1 SR



Relays positions : Module board type

1 : 1 Relay

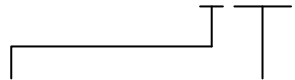
WG M-PB 4 SG



Relays positions : Module board type

4 : 4 Relays
8 : 8 Relays

WG M-PB 4 SP



Relays positions : Module board type

4 : 4 Relays
8 : 8 Relays