



General

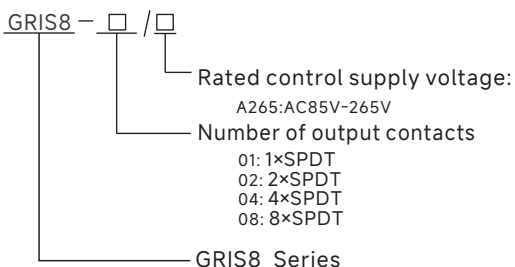
■ Applications

-Isolated Relays are mainly used in fire safety applications that interface with HVAC system, elevator controls and access control doors. It can also be integrated with PLC systems.

■ Function Features

- Provides effective 3 way Isolation between supply, input switch & relay output.
- The product adopts a redundant heat dissipation space design internally, which has good heat dissipation effect.
- Provides isolation of dissimilar circuits.
- Enables control of multiple loads when only one relay output is available
- DIN rail mounting.

■ Model and connotation

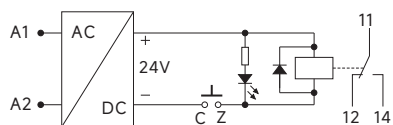


Technical parameters

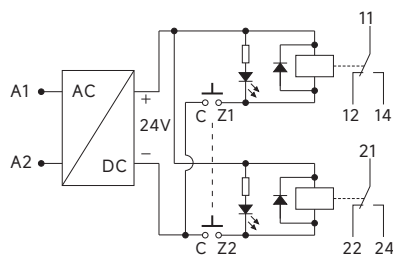
	GRIS8-01	GRIS8-02	GRIS8-04	GRIS8-08
Function	Interface/ Control Relay			
Supply terminals	A1-A2			
Voltage range	AC85-265V 45-65Hz			
Burden	2.5VA	3VA	3.8VA	5.6VA
Supply indication	Green LED			
Isolation voltage				
Supply I/P to I/P Switch	4kVAC			
Supply I/P to Relay O/P	4kVAC			
I/P Switch to Relay O/P				
Output	1×SPDT	2×SPDT	4×SPDT	8×SPDT
Current rating	10A/AC1			
Switching voltage	250VAC/24VDC			
Min.breaking capacity DC	500mW			
Output indication	Red LED			
Mechanical life	1×10 ⁷			
Electrical life(AC1)	1×10 ⁵			
Operating temperature	-20°C~+55°C			
Storage temperature	-35°C~+75°C			
Overvoltage cathegory	Up to 95% RH(non-condensing)			
Mounting/DIN rail	Din rail EN/IEC 60715			
Protection degree	IP20			
Operating position	any			
Humidity	III.			
Pollution degree	2			
Max.cable size(mm ²)	1×2.5mm ² 或 2×1.5mm ² 0.4N·m			
Dimensions	90mm×18mm×64mm	90mm×36mm×64mm	90mm×72mm×64mm	90mm×102mm×64mm
Weight	62g	120g	170g	250g
Standards	IEC 60947-5-1			

Connection Diagram

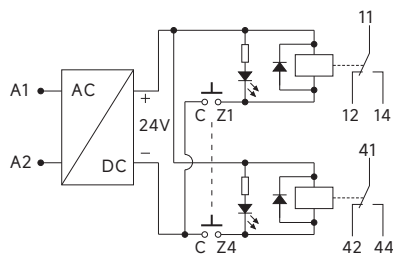
■ GRIS8-01



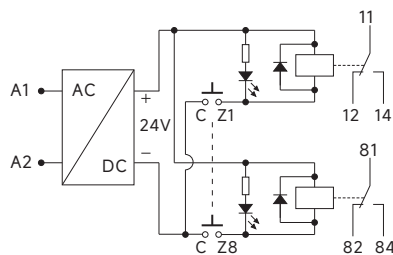
■ GRIS8-02



■ GRIS8-04

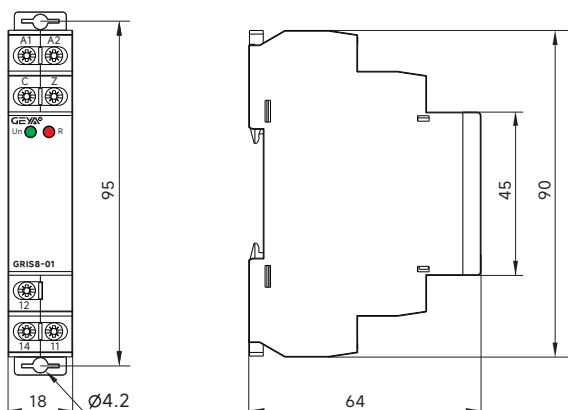


■ GRIS8-08

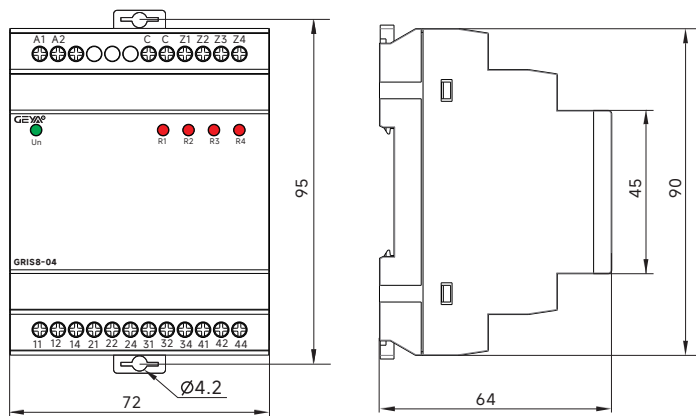


Dimensions(mm)

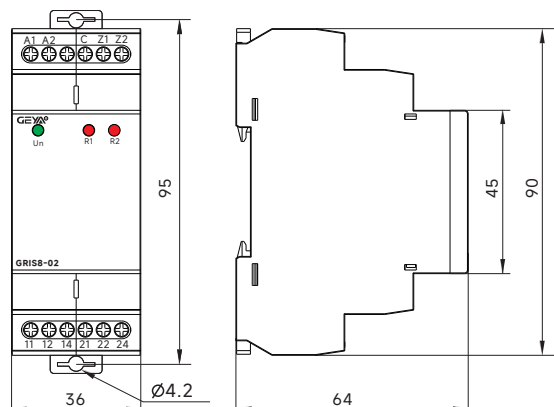
GRIS8-01



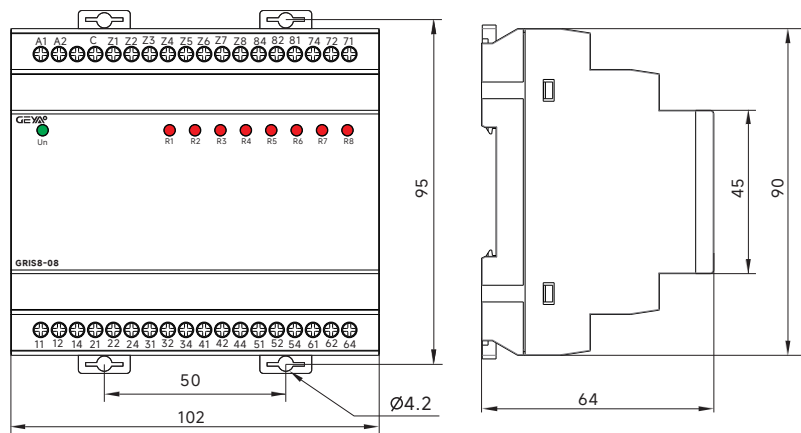
GRIS8-04



GRIS8-02



GRIS8-08



Disposal of Electrical Waste
All electrical waste should be disposed of in compliance with current WEEE regulations.



Caution

The products must be installed by qualified electricians. All and any electrical connections of the time relay shall comply with the appropriate safety standards.