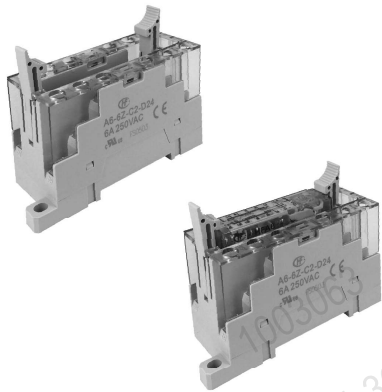


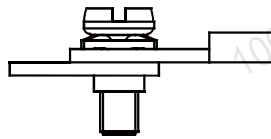
Safety socket A6 series

Gasket screw Relay Socket



Features

- Dielectric strength: Up to 2500V AC, Insulation Resistance 1000MΩ
- Screw torque: 1.0 N·m
- Safety protection: Equipped with finger-safe terminal cover
- Features relay latching and ejector functions for secure mounting and easy extraction of the relay on/from the socket.
- Integrated protection circuit enables power-on status indication, circuit protection, and expansion of relay input voltage range.



File No.:E253370

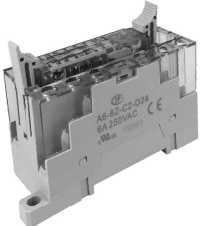
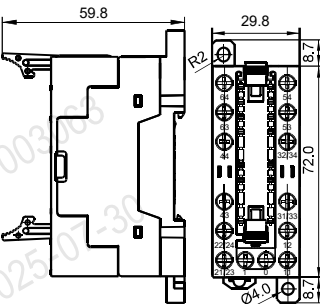
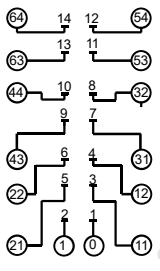
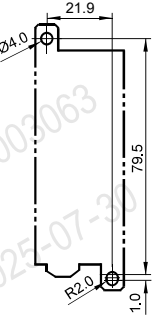
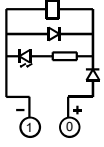
CHARACTERISTICS

Type	Nominal Voltage	Nominal Current	Applicable coil voltage of relay	Ambient Temperature	Screw Torque*	Dielectric Strength min.	Wire Strip Length	Unit weight	Notes
A6-6Z-C2-D24	250VAC	6A	(6~24)VDC	-25°C ~ 55°C	1.0N·m	2500VAC 1min	7mm	Approx. 63g	With LED
A6-6Z-C2-D60	250VAC	6A	(36~60)VDC	-25°C ~ 55°C	1.0N·m	2500VAC 1min	7mm	Approx. 63g	With LED

ORDERING INFORMATION

Type	A6	-6Z	-C2	-X	(XXX)
Contact arrangement	6Z: 6 Form C				
Termination & mounting	C2: Screw press wire frame Relay Socket				
Input voltage specification	D24/D60				
Special code	XXX: The customer special requirement Nil: Standard type				

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

Socket (If need accessory, please order with type.)	Outline Dimensions	Wiring Diagram	PCB Layout	Circuit diagram
A6-6Z-C2-X  Gasket screw terminal, DIN rail mounting, Screw mounting, Without finger protection device	 (Top View)	 (Top View)	 (Top View)	 (Top View)



HONGFA RELAY

ISO9001、IATF16949、ISO14001、ISO45001、IECQ QC 080000 CERTIFIED

2025 Rev. 1.00

Things to be noticed when selecting sockets:

1. Please choose suitable relay socket according to the actual mounting environment, relay contact poles and terminal layout. If there is any query on selection, please contact Hongfa for the technical service;
2. Relevant accessories must be selected separately. Please indicate the model of the selected accessories when ordering;
3. Main outline dimension, outline dimension $>50\text{mm}$, tolerance should be $\pm 1\text{mm}$; $20\text{mm} < \text{outline dimension} \leq 50\text{mm}$, tolerance should be $\pm 0.5\text{mm}$; $5\text{mm} < \text{outline dimension} \leq 20\text{mm}$, tolerance should be $\pm 0.4\text{mm}$; outline dimension $\leq 5\text{mm}$, tolerance should be $\pm 0.3\text{mm}$;
4. DIN rail mounting: recommend to use TH 35-7.5 mounting rails compliant with IEC 60715. For non-standard rail requirements, please consult our sales department for compatibility verification;
5. Use a PH2-type screwdriver bit for terminal connections. Maximum screw torque: 1.0 N·m.

Precautions For Use

For your personal safety and the normal operation of the equipment, as well as to prevent fire, please note the following issues :

1. The rated current of the socket should be no less than the rated current of the relay.
2. Sockets are required to be firmly fixed to prevent the wiring from loosening and affecting the quality of wiring.
3. Be sure to disconnect power to the outlet before installation, disassembly, wiring, maintenance and inspection.
4. prevent foreign objects such as wire shavings from falling inside this product when wiring.
5. Be sure to install the relay in place, and use accessories such as retainer if necessary to improve contact reliability. Do not use with incomplete connections.
6. Be sure to observe the relay ratings and do not overload the relay.
7. Before selecting a relay, make sure that the drive voltage matches the relay excitation voltage.

Disclaimer

The specification is for reference only. See to "Terminology and Guidelines" for more information. Specifications subject to change without notice. We could not evaluate all the performance and all the parameters for every possible application. Thus the user should be in a right position to choose the suitable product for their own application. If there is any query, please contact Hongfa for the technical service. However, it is the user's responsibility to determine which product should be used only.

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