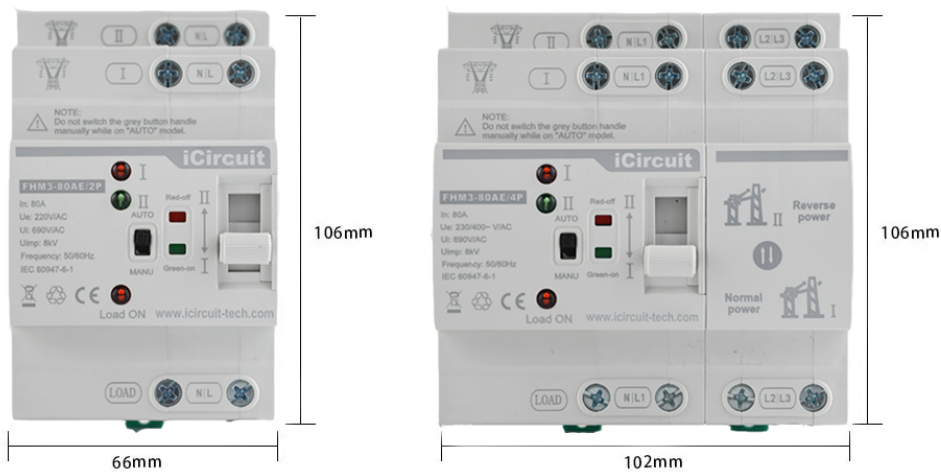


FANHEY FHM3-80AE/2P

Third-party exact-model specification and wiring archive



Terminal Wiring Area: for (1-25mm²)Wire Connection Screw is M5, Torque: 3.0N.m

Nameplate brand / model	FANHEY FHM3-80AE/2P
Device variant	2-pole, 80 A, 220 V AC automatic transfer switch
Exact-model source	iCircuit independent supplier page for FHM3-80AE
Family corroboration	Yueqing Yijia / YJ Automation FHM3-63AE family page
Archive created	22 July 2026

This is not a manufacturer-issued FANHEY PDF. FANHEY did not provide a usable downloadable manual. The archive preserves an exact-model FHM3-80AE wiring graphic and dimensional graphic from an independent supplier, plus model-family information from another electrical supplier. Verify the device nameplate before installation.

1. Identification and ratings

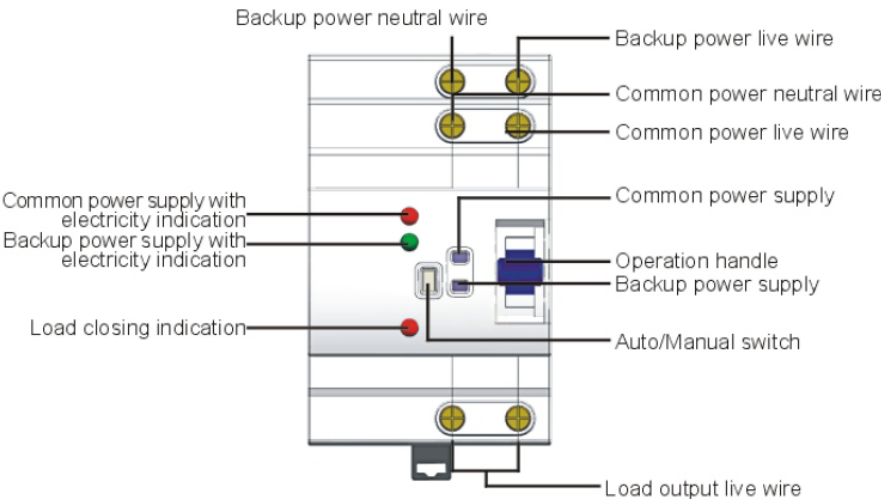
The physical product is marked **FANHEY FHM3-80AE/2P**. Its front label and package identify an 80 A, 220 V AC, two-pole dual-power automatic transfer switch. The exact-model iCircuit graphic has the same enclosure, green operating handle, Auto/Manual selector, three status indicators and source-I/source-II/load terminal arrangement.

Parameter	Confirmed value	Evidence
Model	FHM3-80AE/2P	Device and package marking; exact-model graphic
Rated current	80 A	Device/package marking and exact-model graphic
Rated working voltage	220 V AC	Device/package marking
Rated insulation voltage U_i	690 V AC	Device front marking
Impulse withstand U_{imp}	8 kV	Device front marking
Frequency	50/60 Hz	Device front marking
Poles	2P	Model suffix and terminal arrangement
Standard marking	IEC 60947-6-1	Device front marking
Mounting	35 mm DIN rail	FHM3 family supplier specification

Applicability warning: a catalog title that says 63 A or Tongou does not describe the photographed unit. Apply this archive only when the installed device itself is marked FANHEY FHM3-80AE/2P, 80 A.

2. Terminal wiring and controls

WIRING INSTRUCTION
FHM3-80AE AUTOMATIC TRANSFER SWITCH

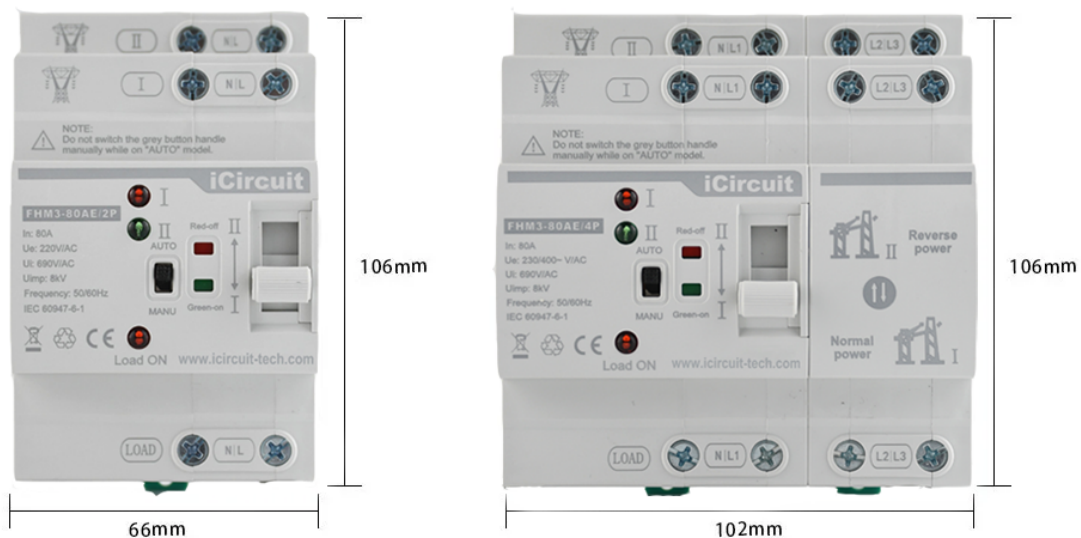


For the 2P single-phase variant, both conductors are switched. Source I (common/normal) and Source II (backup) enter at the upper terminals; the load leaves through the lower terminal pair. Follow the N/L markings printed beside the screws. Do not infer conductor position from the drawing alone if the marking on a particular production batch differs.

Front item	Function
Red I indicator	Source I / common source energized
Green II indicator	Source II / backup source energized
Red Load ON indicator	Load output closed
AUTO / MANU selector	Automatic or manual operation mode
Green handle	Manual source selection; use only in manual mode

DANGER — Installation and testing must be performed by a qualified electrician with both sources isolated. Never move the green handle while the selector is in AUTO. Verify source phasing, neutral arrangement, protective devices, conductor size and local electrical-code requirements before energizing.

3. Dimensions, terminals and source record



Terminal Wiring Area: for (1-25mm²) Wire Connection Screw is M5, Torque: 3.0N.m

The exact-model graphic gives the 2P body as approximately 66 mm wide and 106 mm high. It specifies an M5 terminal screw, a 1–25 mm² conductor range and 3.0 N·m terminal torque. Confirm conductor type, ferrule/lug requirements and permitted cross-section on the delivered device before installation.

Archived sources

[iCircuit exact-model FHM3-80AE product page](#)

[YJ Automation FHM3-63AE series family page](#)

Source status on 22 July 2026: HTML product pages and supplier graphics; no original FANHEY PDF was available. iCircuit describes itself as an independent supplier. The images are preserved without removing their source branding.