

F7133

4-fold power distribution module with fuse monitoring

The F 7133 distributes four protected 24 V supply paths and the L- return. Each miniature fuse has an LED status; an evaluation relay changes state when a fuse is missing or faulty.

4 PATHS

Four protected 24 V distribution circuits.

FUSES

Four miniature fuses with individual LED monitoring.

L- RETURN

Front pins distribute the documented L- path.

RELAY

d22/z24 closes only when all four fuses are in order.

Documented application contexts

I/O slot supply

Feed four documented rear 24 V paths to assigned I/O slots.

Sensor contact supply

Use the front distribution pins in the approved field circuit.

Fuse diagnostics

Read each LED for the related fuse and supply state.

Common status relay

Use d22/z24 in the controlled fuse-status monitoring path.

Engineering snapshot

TOPIC	VERIFIED INTERPRETATION
Rear 24 V outputs	d6, d10, d14, d18 feed one I/O slot each.
Front distribution	Pins 1-4 and L- connect the L+ or EL+ and L- paths.
Fuse status	Each fuse is evaluated and announced on its related LED.
Supply present, fuse good	Related LED on.
Supply present, fuse fault	Related LED flashes.
Supply absent, fuse good	Related LED off.
Supply absent, fuse fault	Related LED flashes.
Relay contact	d22/z24 closed when all fuses are good; de-energized otherwise.

CONTROLLED USE

A flashing LED can identify a fuse fault; interpret it with the actual supply and wiring state, not in isolation. Source: HIMA Paul Hildebrandt GmbH + Co KG, F 7133 (9912) Overview Data Sheets, pp. 1-2