

SHORT CIRCUIT ISOLATOR A9057T



Features

- LPCB & CPR approval;
- In the event of a short circuit it isolates faulty parts of the loop;
- Automatically resetting once the fault has been cleared;
- LED lights indicate status.



Description

A9057T loop isolator (hereinafter referred to as A9057T), mainly used to isolate a portion of a short circuit on the bus, other devices on the bus to ensure normal operation. Upon elimination of the short circuit fault, A9057T can be isolated out their own part back into the system. It is worth noting: A9057T using the bus to facilitate the determination of the location of a short circuit.

Nominal Line Voltage (V _{NOM})	24V
Standby Current	<3mA
Capacity	32 devices
Indicate	Yellow (flashes when polling, illuminates in action.)
Maximum Line Voltage (V _{MAX})	28V
Minimum Line Voltage (V _{MIN})	16V
Maximum voltage at which the device isolates (V _{SO MAX})	11V
Minimum voltage at which the device isolates (V _{SO MIN})	8V
Maximum voltage at which the device reconnects (V _{SC MAX})	4V
Minimum voltage at which the device reconnects (V _{SC MIN})	1.4V
Maximum rated continuous current with the switch closed (I _{C MAX})	1A
Maximum rated switching current (I _{S MAX})	3A
Maximum leakage current with the switch open (I _{L MAX})	15mA

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Maximum series impedance with the switch closed (ZC MAX)	0.15Ω
Operating Temperature	-10°C~+55°C
Relative Humidity	≤95% (non-condensing)
Material of Enclosure	ABS
Dimension (L×W×H)	86mm×86mm×41mm (with the base)
Mounting Hole Distance	60.5mm
Weight	About 122g (with the base)

