



TIS PANEL ADDITION

3 Channels 3 Amps

Data Sheet Rev 3.1

Model: ADD-3R-5A



OVERVIEW

This smart module is designed to be attached to the back of Mars / Luna / Terre and some other TIS panels as a bus coupler and features three relay channels that can be utilized to control 3 lights or 1xFCU with Low/Med/High fan speeds and Cool/Heat/Fan functions. It can also be set to control curtains in combination with lights.

KEY BENEFITS

- + 3 programmable relays outputs
- + Control lights, curtain or ducted AC
- + Efficient wiring.

KEY FEATURES

- ★ Attached to Mars, Luna, Terre and other TIS panels.
- ★ Works with TIS-BUS protocol
- ★ Energy monitoring function



BARCODE (UPC-A)



TIS PANEL ADDITION

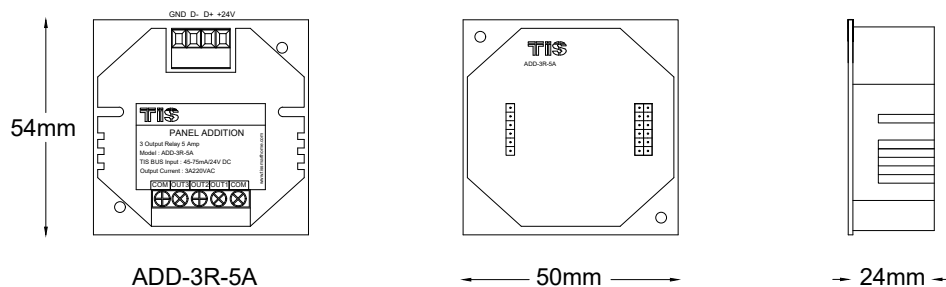
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PRODUCT SPECIFICATIONS

↑ Output	Number of channels	3
	Nominal voltage	0 – 230 V AC 50/60 Hz
	Nominal current per channel	
	Low current	5 A / 28 VDC
	Lighting Incandescent Lamp	4 A / 230 VAC
	Motors / Air condition	3 A / 230 VAC
	LED and CFL Lamp	1 A / 230 VAC
↑ Output switching current	Max switching current	5A/230 VAC
	Max Continuous current	4A/230 VAC
↑ Output service life	Mechanical service life	> 5,000,000 Times
↑ Output switching times	Operating time	10mS (at nomi. Volt)
	Releasing time	10 mS (at nomi. Volt)
📄 Other Specifications	Contact Resistance	100mΩ max. (at 1A 24VDC)
	Insulation Resistance	1000mΩ (500VDC)
🕒 Reaction time		approx. 20ms
⚙️ Function programmable options	3 Separate channels	For control Incandescent lamps (200 watts)
	Simple FCU Function	Cool, Heat , Fan outputs
	Fan speed control	Low, Medium, High outputs
	Motor and Lighting	Ch1.Ch2 as open / close interlocked, Ch3 work independently.
🔩 Mounting	Behind the panel	Attached to the back of TIS panel, fits into all standard back boxes
🔌 Connection terminal	Load and Power	Screw terminal 0,25...2mm ²
	Data / bus	connectors Link
	Panel Link	Female 2 connectors for TIS Panel connection
⚖️ Weight	Without packaging	20 g
📏 Dimensions	Width × length × height	54mm × 50mm × 24mm
	With the cover	54mm × 50mm × 32mm
🏠 Housing	Materials	Fire-proof PC
	Casing color	White
	IP rating	IP 20
🌡️ Temperature range	Operation	-30...60°C
	Storage	-20...60°C
	Transport	-30...75°C
💧 Air humidity		<85% non-condensing



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