



# WIRELESS ACM RELAY

Wi-Fi Controller with 2 Dry Inputs

Data Sheet Rev 3.2

Models: ACM-2R-2Z



## OVERVIEW

This product is WiFi-operated controller module designed to convert a traditional light or curtain switch into a smart one with the capability for third-party integration and remote control.

### KEY BENEFITS

- + Compatibility with other TIS solutions
- + Smooth Wi-Fi connectivity
- + Applicability for most types of lights
- + Maximum energy efficiency

### KEY FEATURES

- ★ Equipped with 2 digital inputs & relay channels
- ★ Programmable for scenes & presets
- ★ Efficiency in installation time & cabling
- ★ Controllable via TIS App



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## PRODUCT SPECIFICATIONS

⚡ <b>Power supply</b>	Input voltage	110-230 VAC 50/60 Hz
	Output power	3W / 12V
	Protection	Internal protection fuse
	Current consumption	10-20 mA / 12 V DC
↑ <b>Output</b>	Number of relays	2
	Nominal voltage	110 / 230 V AC 50/60 Hz
	Nominal current per channel	3 A / 230 VAC
↑ <b>Output switching current</b>	Max Switching current	3A/230 VAC resistive 2A/230 VAC florescent
	Max Continues current	3A/230 VAC
	Max Switching voltage	230VAC / 30VDC
↑ <b>Output service life</b>	Mechanical endurance	> 10,000,000 OPS
↑ <b>Output switching times</b>	Operating time	8mS (at nomi. Volt)
	Releasing time	5mS (at nomi. Volt)
	Max. operating frequency	25 cycle/min
TIS AIR <b>TIS AIR</b>	WIFI signal	2.4 GHz
	Protocol standard	802.11 b/g/n
↻ <b>Reaction time</b>		approx. 30ms
🔩 <b>Mounting</b>	Free locate	Can be installed anywhere
🔧 <b>Operation</b>	Digital inputs	2 dry inputs for lights control
	TIS AIR	TIS protocol messages & commands
	PRG button with LED	For programming
	Upgrading	Over WIFI connection
⚖️ <b>Weight</b>	Without packaging	10g
⊕ <b>Dimensions</b>	(Width × Length × Height)	20mm × 49mm × 49mm
🏠 <b>Housing</b>	Materials	Fireproof PC
	Internal parts color	White
	IP rating	IP 50
🌡️ <b>Temperature range</b>	Operation	-10...60°C
	Storage	-20...50°C
	Transport	-25...75°C
💧 <b>Air humidity</b>		<80% non-condensing



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