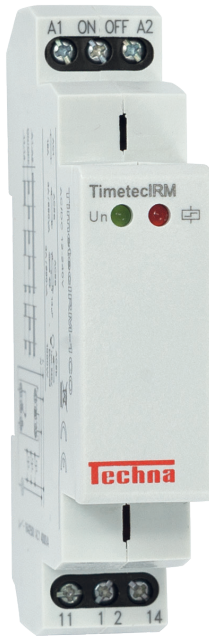


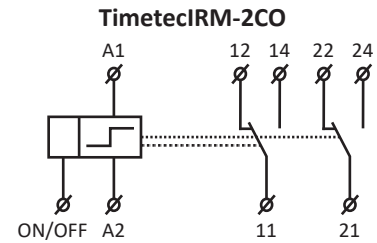
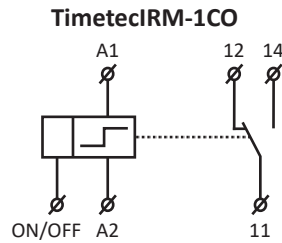
TimetecIRM

Impulse Relay with Memory Function



These Impulse Memory Relays are for switching lights from several places, replacing the need of three-way switches. The TimetecIRM-1CO and TimetecIRM-2CO memorise their switching states. In case of supply failure the relays will return to their memorised state upon restoration of power.

- Simple control by external pushbuttons
- TimetecIRM-2CO has two functions: 2 x parallel contact or second step relay
- TimetecIRM-1CO output contact: 1 x Changeover / SPDT 16A
- TimetecIRM-2CO output contact: 2 x Changeover / DPDT 16A
- Supply voltage: 12Vac/dc - 240Vac/dc
- 1-module, DIN-Rail mounting



TimetecIRM Technical Specification

	TimetecIRM-1CO	TimetecIRM-2CO
Number of Functions	1	2
Supply Terminals	A1 - A2	
Voltage Range	12Vac/dc - 240Vac/dc (AC 50 - 60Hz)	
Consumption (max.)	2VA / 1.5W	2.5VA / 1.5W
Supply Voltage Tolerance	-15%, +10%	
Supply Indication	Green LED	
Changeover Contacts	1 x Changeover / SPDT (AgSnO ₂)	2 x Changeover / DPDT (AgSnO ₂)
Rated Current	16A / AC1	
Breaking Capacity	4000VA / AC1, 384W / DC	
Inrush Current	30A / < 3s	
Switching Voltage	250Vac / 24Vdc	
Max. Power Dissipation	1.2W	2.4W
Output Indication	Red LED	
Mechanical Life	15,000,000 Cycles	
Electrical Life (AC1)	35,000 Cycles	

TimetecIRM Ordering Scheme



Techna TIMER RELAYS

TimetecIRM Technical Specification

	TimetecIRM-1CO	TimetecIRM-2CO
Load between A2 - ON/OFF	Yes	
Control Terminals	A1 - ON/OFF	
Neon Lamp Connection	No	
Impulse Length	Min. 25ms / max. Unlimited	
Operating Temperature	-20°C to +55°C	
Storage Temperature	-30°C to +70°C	
Dielectric Strength	4kV (Supply - Output 1)	4kV (Supply - Output 1), 3kV (Supply - Output 2), 4kV (Output 1 - Output 2)
Operating Position	Any	
Mounting	DIN-Rail EN 60715	
Protection Degree	IP40 from Front Panel / IP20 Terminals	
Overvoltage Category	III	
Pollution Degree	2	
Max. Cable Size (mm ²)	Solid Wire max. 1x 2.5 or 2x 1.5 / Stranded Wire with Ferrule max. 1x 2.5 (AWG 12)	
Dimensions	90 x 17.6 x 64mm	
Weight	59g	80g
Standards	EN 60669-1, EN 60669-2-1	

TimetecIRM Functions

