NFC Enabled Astronomical Time Relay Datasheet



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V.25.1

1.INTRODUCTION

1.1. General Features

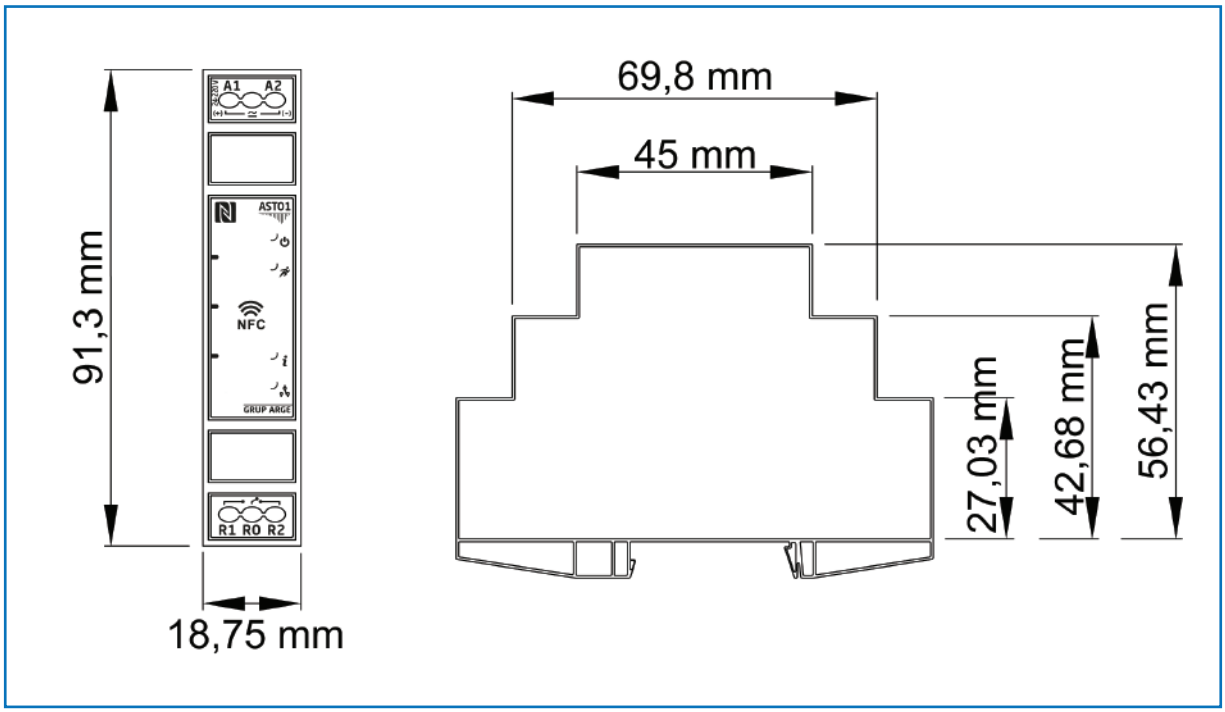
AST01 is a digital time relay with a real time clock that automatically calculates the sunrise and sunset times. AST01 is designed to control the devices connected to its contact according to the set days and hours of the week, as well as the set sunrise or sunset times.

Thanks to the NFC antenna on the device, device configuration/programming can be done via a smartphone with the TouchConfig mobile application. Through this application, 32 different programs can be created and installed on the device.

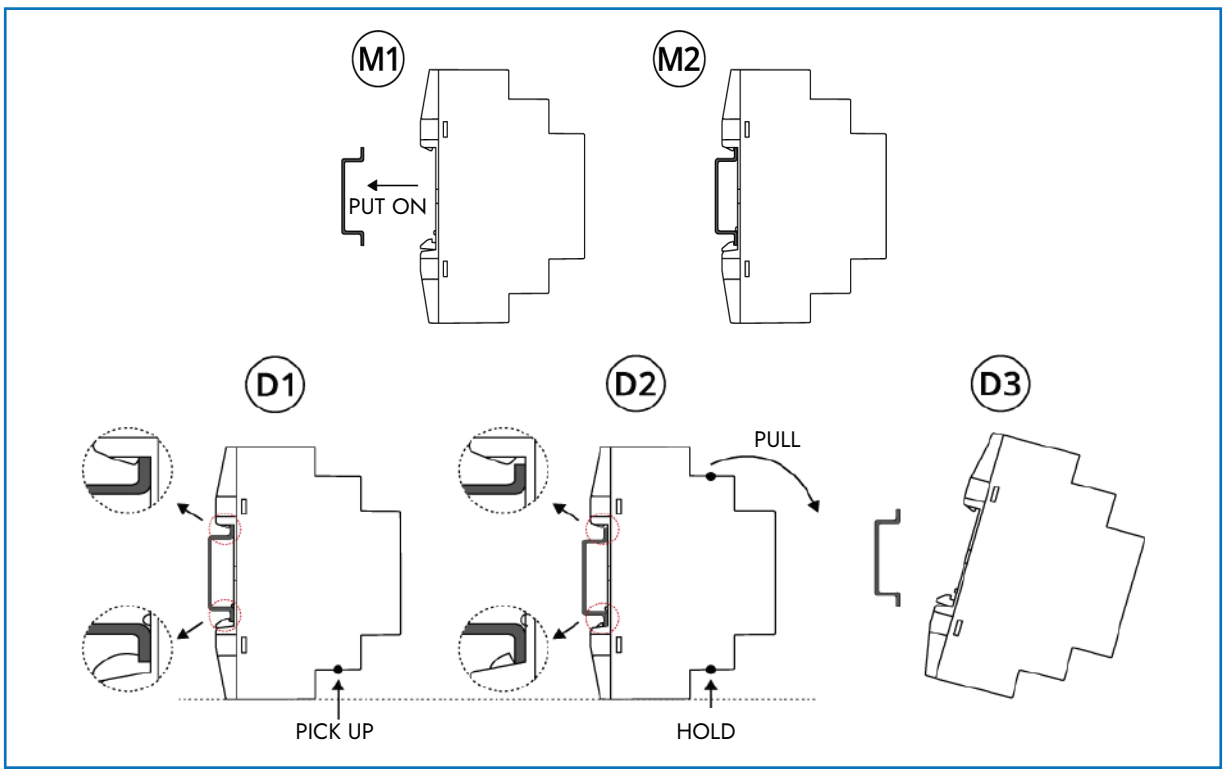
1.2. Technical Features

Operating Voltage	12-240 V AC/DC Supply
Operating Frequency	50-60 Hz
Time Interval	Programmable Time Interval
Program Number	32
Relay Output	10 A @250 VAC for R1 output (NO) 6 A @277 VAC for R2 output (NC)
Setting / Programming	Via NFC with Mobile App
Indicator	4 Pcs LED
Operating Temperature	-10°C, +55°C
Protection Class	IP20
Mounting	DIN Rail Mounting

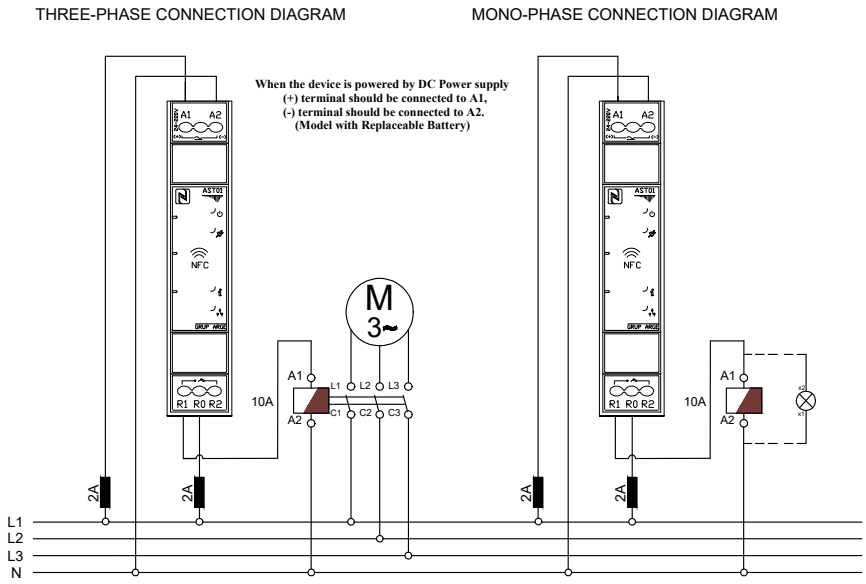
1.3. AST01 Technical Drawing



1.4. Product Assembly and Disassembly



1.5. Device Connections



Connection Diagram