

Merlin TGC Datsheet

Merlin Timed Gas Controller



Product Overview

The Merlin TGC provides a timed supply of gas to outdoor units such as grills, heaters and decorative fire features.

230VAC or 24VAC/DC output to gas solenoid valves or an electrical power supply. Each controller has a selectable time out function built-in via internal dip switches, for 30min, 1hrs, 2hrs or 3hrs. When the timer has reached the owner's selected setting, the front LED will flash to warn user of the time out.

The Merlin TGC is manufactured in a modern polycarbonate enclosure which provides protection from damage. The Merlin TGC is designed to replace contractor constructed solutions for timed supply and panic shutdown, incorporating a crucial reset of the timed supply after a panic shutdown.

Technical Specification

General	
Model:	Merlin TGC – Timed Gas Controller
Size: (H x W x D)	151 x 111 x 50mm
Housing Material:	ABS PA765 (Flame Rating UL94 V-1)
Mounting:	Wall/Surface Mounted. Indoor use only – Outdoor using weatherproof cover.
Weight:	11.2 oz (0.32g)
Visual Indicators:	LED. Gas On / Timeout / Emergency Stop
Audible Buzzer:	60dB @ 3.28ft (1m). Quiet conditions.
Buttons:	Multi-Function – Gas On / Reset Timer / Gas Off
Power Consumption:	1.2W Max
Power Input #1:	230VAC~ 50-60Hz
Power Input #2	24V AC or DC
Internal Fuse:	Anti-Surge 3.15A @ 250Vac
Relays	One Relay - 3A @ 230V~
Ingress Protection:	Not formally evaluated. IP4X Determined by inspection.
Operating:	-20 ~ 50°C / 14 ~ 122°F 20 ~ 95% RH (non-condensing)
Storage:	-25 ~ 50°C / -13~122F° up to 95% RH (non-condensing)
Typical Wiring	Min. 18AWG / 75°C min / Tinned copper.
Overvoltage Category:	II
Electrical Safety and Electromagnetic Compatibility	CE / UKCA / IEC BS EN 61010-1 EN 61326-1: 2013 / FCC CFR 47 Parts 15, 107 & 109

Find out more
S&S Northern Ltd
www.snsnorthern.com

Head office:
 Units 1-4 Barnes Wallis Way, Buckshaw Village,
 Chorley, Lancashire, PR7 7JN
 Tel: 01257 470983
 Email: info@snsnorthern.com

