VG521T DIN-Rail Timer Relay

Power-on delay | AC/DC 12-240 V | 0.1 seconds to 10 days | SPDT output

1 ELECTRICAL AND MECHANICAL DATA

PARAMETER	VALUE	CONDITION / SCOPE
Supply voltage	**12-240 V AC/DC**	Universal-voltage stocked variant
Supply frequency	**50/60 Hz**	AC operation
Timing function	**Power-on delay**	Timing begins when A1-A2 is energised
Time range	**0.1 seconds to 10 days**	Range selector with 10-100% percentage dial
Setting accuracy	**±5% of full range**	Supplier parameter sheet
Output contact	**1 C/O, SPDT**	15 common, 16 NC, 18 NO
Resistive load rating	**5 A at 240 V AC or 24 V DC**	Resistive loads only
Operating temperature	**-20 to +55 °C**	Enclosed installation
Storage temperature	**-30 to +70 °C**	Unpowered
Mounting	**35 mm DIN rail**	18 mm module width
Dimensions, W x D x H	**18 x 65 x 90 mm**	Supplied mechanical outline

2 TERMINALS, CONTACT TIMING AND ADJUSTMENT

Terminal layout and timed contact

De-energised state shown. Diagram not to scale.



After delay: 15-16 opens and 15-18 closes



Time setting

Total delay = selected range x percentage dial.

Range selector
Choose seconds, minutes, hours or days.

Percentage dial
Set 10-100% of the selected range.

Example: 10 second range x 30% = approximately 3 seconds.

3 INDICATORS AND ELECTRICAL SAFETY

POWER LED	Green **Un** indicator shows that the supply is present.
RELAY LED	Red indicator flashes while timing and remains on after the output relay energises.
OUTPUT STATE	Before the delay, 15-16 is closed and 15-18 is open. After the delay, 15-16 opens and 15-18 closes.

Electrical safety: Isolate the supply before wiring. The 5 A figure applies to resistive loads. Select suitable protection and switching equipment for inductive or higher-current loads. Fixed or mains wiring in New Zealand should be completed and tested by a licensed electrical worker.