



Overview

This module will give you many years of service and is guaranteed for 12 months against faulty workmanship and materials. In addition a full repair service is available through ACDC Dynamics branches.

Installation

This module should be installed by a competent electrician in accordance with the relevant diagram. Read these instructions carefully to ensure that the correct functions / settings / control voltage are correct prior to switching on.

Operation

Delay energising of loads from a switch closure of 5 & 7

Upon application of the supply voltage the power LED is on and the relay remains de-energised and relay LED is off. On closure of switch 5 & 7 the timing period starts and the relay energises and the relay LED is on. On expiry of the set time period the relay will de-energise and the relay LED is off (this action is irrespective of whether 5 & 7 are still closed or open). To repeat the cycle the power must be removed to reset the timer and re-applied.

Delay energising of loads from a switch closure of 6 & 7

Upon application of the supply the power LED is on, relay remains off and the relay LED is off. On closure of switch 6 & 7 the relay energises and the relay LED is on. When switch 6 & 7 is opened the timing period starts. On expiry of the time period the relay will de-energise and the relay LED is off (this action is irrespective of whether 6 & 7 is open or closed. to repeat the

APPLICATION EXAMPLES

- Delay energisation of loads from Pulse close/open

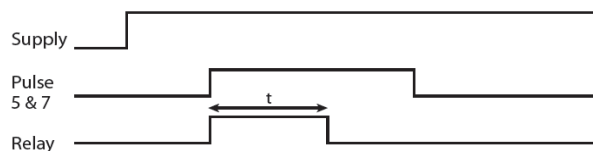
FEATURES

- IAP1 SPDT relay • IAP2 DPDT relay
- Failsafe Operation
- Extensive supply voltage ranges
- Time adjustment on calibrated scale
- High repetitive accuracy
- 10A single pole relays (DAP1) / 5 Amp double pole relay (DAP2)

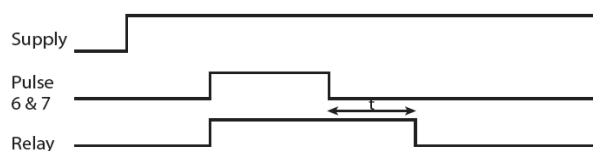
Supply Voltages Available

Multi Voltage	No galvanic isolation 24 - 250VAC/DC (IAP1 & IAP2)
AC Supply	Galvanic isolation input transformer 12, 24, 48, 115, 230, 400, 525VAC $\pm 15\%$
DC Supply	12, 24, 48VDC

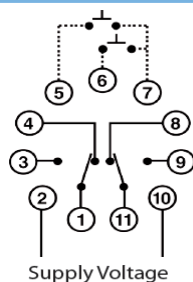
Delay on Pulse Closing Start



Delay on Pulse Opening Start



Connection Diagram



Time Ranges Available

0.02 - 1sec	3 - 180sec	0.25 - 15min	0.08 - 5hrs
0.05 - 3 sec	6 - 360sec	0.05 - 30min	0.1 - 6hrs
0.2 - 10sec	10 - 600sec	1 - 60min	0.13 - 8hrs
0.5 - 30sec	15 - 900sec	2 - 120min	0.26 - 16hrs
1 - 60sec		3 - 180min	0.4 - 24hrs

Specifications

Range Accuracy	$\pm 5\%$
Repeatability	1%
Scale Accuracy	$\pm 5\%$
Reset Time	350ms
Operating Temperature	-20°C to 70°C
Power Consumption AC	1.5VA
Power Consumption DC	100mA @ 12VDC
Contact Rating SPDT / Inst	10A / 250VAC
Contact Rating DPDT	5A / V 250VAC
For External Potentiometer Use	1M Ω

BRANCH CONTACT DETAILS

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Germiston	011 418 9600
Cape Town	021 510 0710
Pinetown	031 700 4215
Riverhorse	031 492 4800

NATIONAL CALL CENTRE

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