Velocity®
DETECTION OVER TIME

RELAY DUAL OUTPUT MODULE FOR AC240V WITH SCI   VDOT-DOP-AC240V-SCI

▪ Features

- Two Form-C relay contacts.
- Swithing capacity 4.8A@250VAC each.
- SCI Function.
- Status indicator LED.
- Address settable from 001 to 254 by a dedicated programmer.
- Single loop address.
- Low standby current (0.6mA).
- SEMS screws for easy wiring.
- Mounts to optional 4-inch square electrical box.

▪ Description

VDOT-DOP-AC240V-SCI Dual Output Module with Short Circuit Isolator is an addressable dual output module that provides two dry contacts. The contact rating is 4.8 A at 250 VAC. The status of each dry contact is controlled by a control panel.
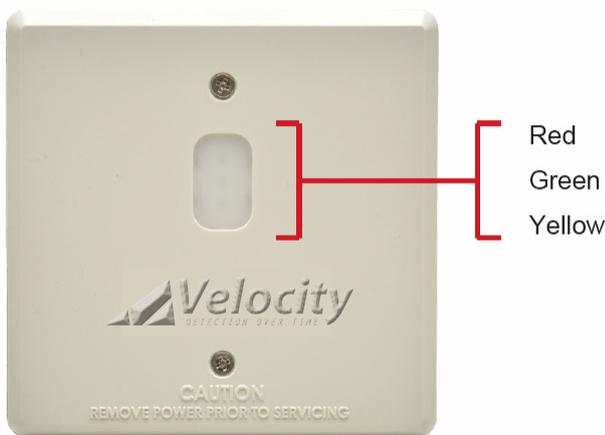
Indicator
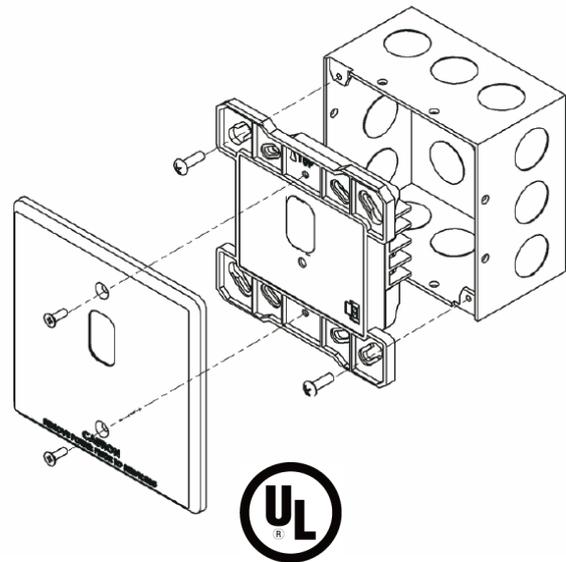This module has three colored LED to indicate the status of Output, Polling and SCI.

SCI Function
The module has a built-in short circuit isolator. SCI circuit prevents entire loop failure in the event of a short between L+ and L- on the loop.
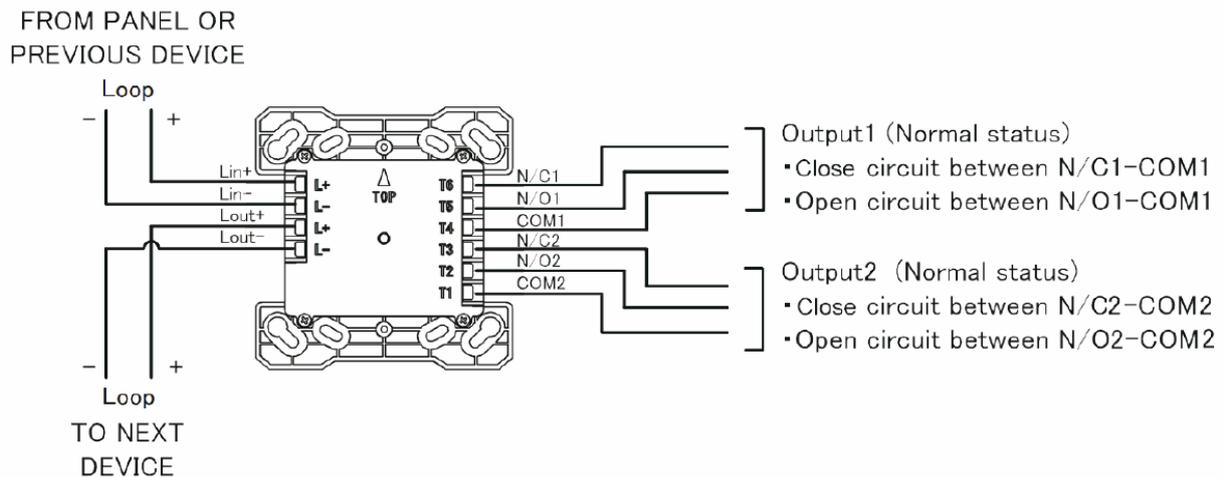
Mounting
The module can be mounted directly to optional 4-inch square electrical box. The box must have a minimum depth of 2⅛ inches.

Red
Green
Yellow

Output :Red
Polling :Green
SCI   :Yellow

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NOT TO BE USED FOR INSTALLATION PURPOSES.
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GLT-299-6-16   Rev.0

http://www.velocitydetection.com

▪ Wiring

FROM PANEL OR PREVIOUS DEVICE

Loop − +

Lin+ L+
Lin− L−
Lout+ L+
Lout− L−

TOP

T6 N/C1
T5 N/O1
T4 COM1
T3 N/C2
T2 N/O2
T1 COM2

Output1（Normal status）
· Close circuit between N/C1−COM1
· Open circuit between N/O1−COM1

Output2（Normal status）
· Close circuit between N/C2−COM2
· Open circuit between N/O2−COM2

Loop − +
TO NEXT DEVICE

Relay Module contains two isolated sets of Form-C contacts, which operate as a DPDT switch. The module allows the control panel to switch these contacts on command. No supervision is provided for the relay contacts.

▪ Specifications

Specifications	VDOT-DOP-AC240V-SCI
SLC Applied Voltage	Rated Range 20 to 38 VDC
SLC Current Consumption	Standby 0.6 mA Activated 3.3 mA (max)
SLC Line Impedance	Up to 50 Ω
Relay (Programmable)	Switching Capacity 4.8 A@ 250 VAC
SCI On Resistance	0.2 Ω (max)
SCI Fault Detection Threshold	10 V (min)
SCI Isolation Current	22 mA (max)
Visual Indicator (Status LED)	Polling LED (GREEN) Output LED (RED) SCI LED (YELLOW)
Ambient Installation Temperature	0 ˚C to 49 ˚C (32 ˚F to 120 ˚F)
Storage Temperature	-20 ˚C to 60 ˚C (-4 ˚F to 140 ˚F)
Max Relative Humidity	Up to 93 % RH, non-condensing
Environment	Indoor dry use only
Max quantity per loop	127 units
Terminal	Screw AWG12 to 22
Address Setting	VDOT-AD2 Address Programmer
Dimensions	H 124 mm x W 124 mm x D 34.5 mm (4.882" H x 4.882" W x 1.358" D) (Mount to a 4" square by 2⅛" deep
Weight	Approximately 172 g
Standard	UL864

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