

2 Channel PWM Output, 0.5A/24VDC, Source



- The ST-5442 is the 2 Channels PWM Source type Output module and has the output of 24VDC/0.5A. Duty proportion is 0.0~100.0%(0.1%/1LSB), Ton>5us and Toff>5us TBD.
- It can control the Frequency and Duty factor.
- It has 3 status LEDs, One for the network status, the others are for the status of the field device.

Items	2Ch PWM Output Module
Output Specification	
Number of Outputs	2 Channel, Source Type
Indicators	1 Green/Red FnBus Status 2 Channel LEDs
Output Current	0.5A/Ch, 2A/All Channel, short protection
PWM Frequency	1~2500Hz±0.5%, TBD
PWM Duty	0.0~100.0%(0.1%/1LSB), Ton>5us, Toff>5us TBD
Diagnostic	Short Protection
Common Type	2Common
General Specification	
Power Dissipation	Max. 150mA@5.0Vdc, TBD
Isolation	I/O to Logic : Photocoupler Isolation I/O to Field Power : Non-Isolation
Field Power	Supply Voltage : 24Vdc nominal Voltage Range : 18~28.8Vdc Power Dissipation : Max. 40mA@24Vdc except Load, TBD
Wiring	I/O Cable Max. 2.0mm ² (AWG#14)
Weight	70g
Module Size	12mm x 99mm x 70mm
Environment Condition	Refer to Environment Specification

Pin No	Description	Pin No	Description
0	PWM Output Channel 0	1	PWM Output Channel 1
2	-	3	-
4	Field Power 0V, Common	5	Field Power 0V, Common
6	Field Power 24V	7	Field Power 24V

Wire diagram

