

I-8057W

16-channel Isolated Digital Output Module

I-8057PW

16-Channel Isolated Self Protected Digital Output Module



Model: I-8057W/I-8057PW

Features

- 16-channel Open Collector Output
- Sink-type Digital Output
- Short circuit protection, Overvoltage Protection and Overload Protection for I-8057PW
- 3750 Vrms Intra-module Isolation
- Each digital channel has its own status LED

Introduction

The I-8057W/I-8057PW module offers 16 Digital Output channels, each of which features Photocouple isolation and supports sink-type output using an open collector. The I-8057W/I-8057PW includes 16 LED indicators that can be used to monitor the status of the Digital Output channels. 4 kV ESD protection and 3750 Vrms intra-module isolation is provided as standard.

The I-8057PW integrates over-current, over-voltage and short-circuit functionality. ICP DAS recommends selecting either the "PW" version of the digital output module for industrial use.

Specifications

Model	I-8057W	I-8057PW
Digital Output		
Channels	16	
Sink/Source (NPN/PNP)	Sink	
Output Type	Isolated Open Collector	
Max Load Current	100 mA/Channel	
Load Voltage	+5 VDC ~ +30 VDC	+10 VDC ~ +50 VDC
Overvoltage Protection	-	60 VDC
Overload Protection	-	1.1 A
Short-circuit Protection	-	Yes
Intra-module Isolation, Field to Logic	3750 Vrms	
LED Display		
1 LED as Power Indicator		
32 LEDs as Digital Output Indicators		
Power		
Power Consumption	0.9 W Max.	
Environment		
Operating Temperature	-25 ~ +75 °C	
Storage Temperature	-30 ~ +85 °C	
Humidity	5 ~ 95% RH, Non-condensing	
Dimensions		
30 mm x 102 mm x 115 mm (W x L x H)		

Ordering Information

I-8057W-G CR	16-channel Isolated Digital Output Module (Gray Cover) (RoHS) Art. No. 119775
I-8057PW-G CR	16-channel Isolated Self Protected Digital Output Module (Gray Cover) (RoHS) Art. No. 146165