

11.2. Surge Protection Module (SG-770)



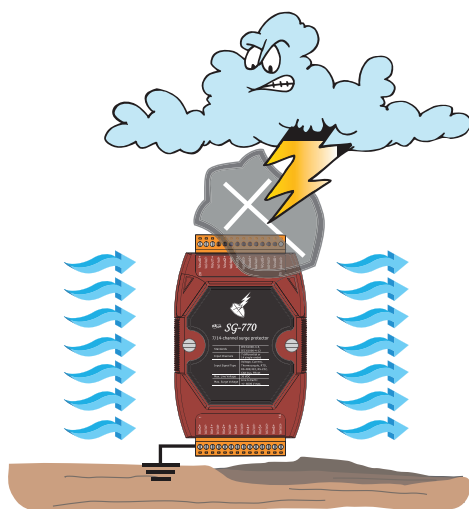
Introduction

SG-770 offers 7 differential or 14 single-ended for surge protection. SG-770 is approved with IEC 61000-4-5 and IEC 61000-4-12 standards. Each of channels supports 0 ~ ± 30 VDC signal and each of channels is protected for surge achieves 6 kV.

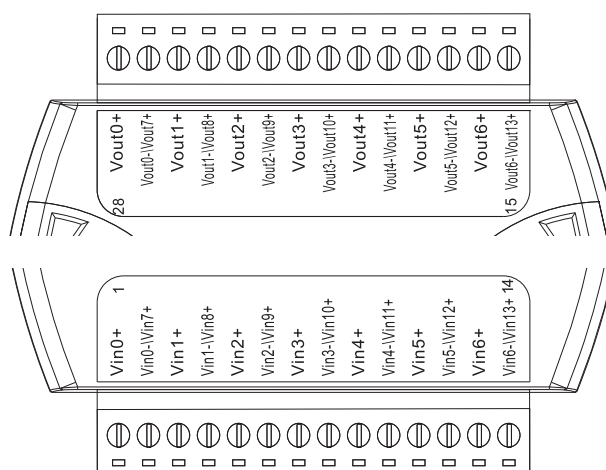
Features

- IEC 61000-4-5, IEC 61000-4-12
- 6 kV Surge Protection
- RoHS Compliance
- A Wide Range of Operating Temperature: $-25 \sim +75^{\circ}\text{C}$
- Easy Wiring

Application



Pin Assignments



Specifications

Models	SG-770
General	
Input Channels	7 differential or 14 single-ended
Input Signal Type	Voltage, Current, Thermocouple, RTD, RS-485/RS-422/RS-232
Max. Line Voltage	30 Vdc
Surge Protection Performance	
Standard	IEC 61000-4-5 IEC 61000-4-12
Max. Surge Voltage	Line to Earth: ± 6000 Vdc Max.
Environment	
Operating Temperature	$-25 \sim +75^{\circ}\text{C}$
Storage Temperature	$-30 \sim +75^{\circ}\text{C}$
Humidity	5 ~ 95% RH, Non-condensing
Dimensions (W x H x D)	123 mm x 72 mm x 33 mm

Ordering Information

SG-770 CR	7 channel differential or 14 channel single-ended surge protector (RoHS)
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