

ADG311X-4 Process Signal Splitter / Isolator

- Suitable for use in SIL1 & SIL2 rated (EN 61508-2) Safety Instrumented System (SIS) Loop applications, as 1oo1 architecture (HFT:0)
- Non-Smart / Non-uProcessor based, Type A instruments
- Compact Design, up to 13 units along 12" length of Din Rail
- 6 Year Warranty
- Universal DIN Rail Mounting, suitable for TS35 Top-Hat & TS32 G-Rails

Technical Specification

Input Options (Impedance)

0 to ± 10 Vdc	100k Ω
4 – 20mA	500 Ω

Quadruple Output Options (Drive)

0 to ± 10 Vdc	10mA
2 to 10Vdc	10mA

Supply

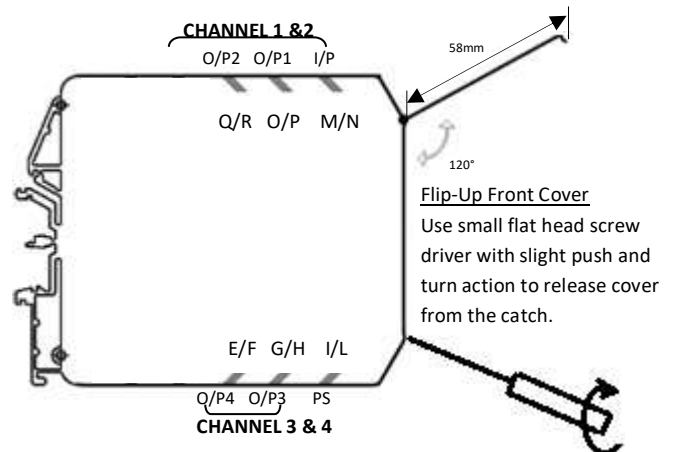
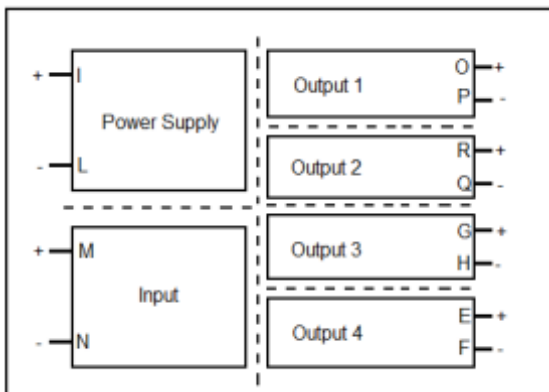
24Vdc $\pm 10\%$
(Red LED Power ON indicator)

General Specification

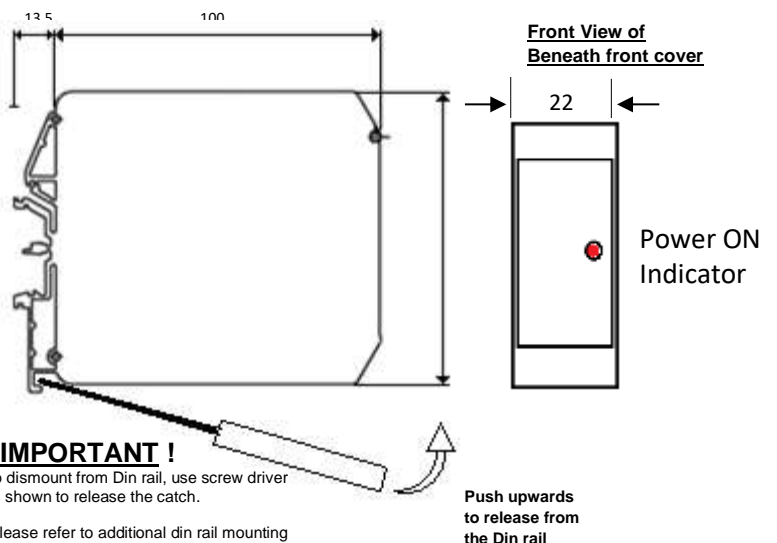
Isolation:	1000V RMS	IP/OP1/OP2/OP3/OP4/PS
Linearity:	$\leq \pm 0.02\%$ of full scale	
Accuracy:	$\leq \pm 0.02\%$ of full scale	
Freq Response:	Up to 2kHz	
Response Time:	< 0.5 mS	
Vibration:	1g at 15Hz to 150Hz	
Low Power Consumption:	1.5Watts	
IP Rating:	IP20	
Weight:	120g	

Environmental Conditions

Operating Ambient: -5 to $+55^{\circ}\text{C}$
Relative Humidity: 5 to 95% RH (Non-Condensing)
EMC: 2014/30/EU, EN 61326-1:2013 (Controlled EM)



Overall Dimensions: 22w x 90h x 113.5d mm:



! IMPORTANT !

To dismount from Din rail, use screw driver as shown to release the catch.

(Please refer to additional din rail mounting instruction sheet for further guidance, available on request if needed)

Tel: 01908-567003 Email: sales@amelec-uk.com Visit: www.amelec-uk.com Fax: 01908-566735

AMELEC Instruments, Cochran Close, Crownhill, Milton Keynes, MK8 0AJ