

ATA151KXL Overspeed Trip Amp with one set point

- Supply voltage:
 - 115VAC $\pm 20\%$
 - 230VAC $\pm 20\%$
 - 24VDC $\pm 2.5V$
- Amelec standard 10 year guarantee
- Suitable for SIL Level 1 & 2 (IEC 61508-2)
- RFI protection to IEC61000-4-3 (up to 10V/metre)

TECHNICAL SPECIFICATION

FUNCTION

High trip with latching relay. Trip reset by either local push-button on unit front fascia or via remote contact closure.

INPUT

Bipolar DC current / voltage can be specified:
 Current up to 100mA max (Passive)
 Voltage up to 420Vdc max
 Typical input: $\pm 100Vdc$ / $\pm 200Vdc$

OUTPUT

2 x D.P.C.O. relay rated 5A 240Vac at 100VA

ISOLATION

500V dc between input(s), contacts, supply and earth.
 Open circuit response may be specified as upscale or downscale.

PERFORMANCE

Trip settability: $\pm 0.1\%$
 Trip repeatability: $\pm 0.1\%$
 Response time: <100mSec max.

ENVIROMENTAL CONDITION

Storage temperature: - 40 to +70 °C
 Operating Ambient: -15 to +55 °C
 Relative Humidity: 5 to 95% RH
 RFI Immunity: <1% of span error
 10V/m; 20 to 1000MHz

Input	+	-	1
	-	-	2
	Scn	-	3
Remote	▼	-	4
	Reset	▲	5
			6
			7
N.C.	-		8
N.O.	1a	-	9
Comm.	-		10
			11
N.C.	-		12
N.O.	1b	-	
Comm.	-		

			1
N.C.	-		2
N.O.	1c	-	3
Comm.	-		4
			5
N.C.	-		6
N.O.	1d	-	7
Comm.	-		8
			9
	Scn	E -	10
Supply	+	L -	11
	-	N -	12

(dc) (ac)