

130 Series Relays (1 Form A)

The Astralux 130 series dual-in-line 1 Form A reed relays are available in a standard 8 pin reduced profile package. The design provides a normally open contact and a range of coil voltages, with optional diode protection. The relays are 100% tested on automatic test equipment.



Dimensions	Technical Data			
	Contact Rating DC	VDC	AMPS	WATTS
	(Max)	100	0.50	10
	Contact Resistance			
	(Initial)	150 milliohms		
	Isolation Voltage			
	Contact to contact	200 VDC minimum		
	Coil to contact	1400 VDC typical		
	Insulation Resistance			
	Coil to contact	10 ⁹ ohms at 25°C and 40%RH measured at 85 VDC		
	Contact to contact	10 ⁹ ohms at 25°C and 40%RH measured at 85 VDC		
	Operate Time			
	@ Nom. Coil drive inc. bounce	1.0 ms max.		
	Temperature Range			
	Operate	-40°C to 85°C		
Storage	-40°C to 100°C			

Coil Data (@25°C)							
Form	Circuit Schematics	Part Number	Nom. Coil Voltage	Coil Res. ±10% at 25°C	Must Op. Volts	Must Rel. Volts	Max. Volts
DIL 8 PIN 1 FORM A		131A-3	5V	500Ω	3.75V	0.5V	7.5V
		131A-5-1	12V	1100Ω	9.0V	1.2V	18.0V
		131A-5-2	24V	2150Ω	18.0V	2.4V	36.0V
		131A-4	5V	500Ω	3.75V	0.5V	7.5V
		131A-6-1	12V	1100Ω	9.0V	1.2V	18.0V
		131A-6-2	24V	2150Ω	18.0V	2.4V	36.0V