

SERIES DC 16-PIN ENCAPSULATED DIP

FEATURES

- Low Level to 10W Switching
- Low Input Power (33mW/5V Coil)
- Dimensionally Form-Fit to EMR Types
- Optional Shielding, Coil Diode and High IR

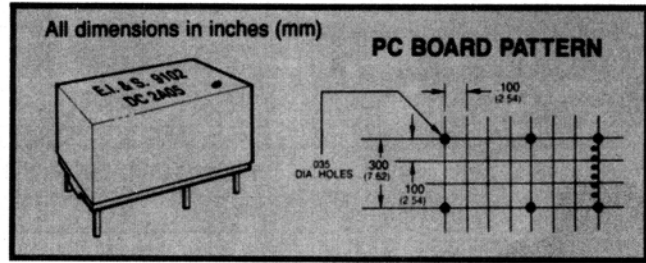
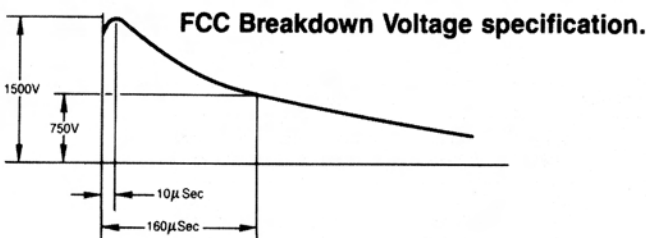
SPECIFICATIONS (@ 25°C Unless Otherwise Specified)

CONTACTS (Maximum Ratings)

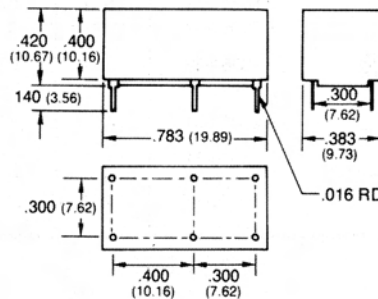
Contact Form	2A	1C	Units
• Switching Current	0.5	0.25	A dc
• Switching Voltage	200	28	V dc
• Switching Power	10	3	W
• Breakdown Voltage	250	200	V dc
• Contact Resistance	0.150	0.200	ohms

GENERAL (Typical Ratings)

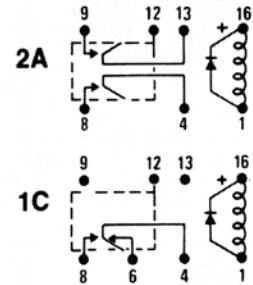
Contact Form	2A	1C	Units
• Timing			
Operate	0.500	0.500	ms
Bounce	0.150	0.500	ms
Release (w/Diode Coil Suppression)	0.100	0.100	ms
• Life Expectancy			
@ Rated Load	10x10 ⁶	5x10 ⁶	opns
@ Low Level	100x10 ⁶	50x10 ⁶	opns
• Breakdown (Coil-Contacts)	2500	2500	V ac
• Insulation Resistance	10 ¹⁰	10 ⁹	ohms
• Temperature Range			
Operating	-30°C to +65°C		
Storage	-55°C to +105°C		



OUTLINE



SCHEMATIC



CATALOG PART NUMBERS

Cat. No.	Contact Form	Volts	Coil Resist. ± 10%	Max. Pull-in	Min. Drop-out
DC2A05	2A	5	750	3.5V	0.5V
DC2A12	2A	12	1800	8.4V	1.2V
DC2A24	2A	24	3600	16.8V	2.4V
DC1C05	1C	5	750	3.5V	0.5V
DC1C12	1C	12	1800	8.4V	1.2V
DC1C24	1C	24	3600	16.8V	2.4V

FORM-FIT to EMR TYPES:

AROMAT	DS	GUARDIAN	1495	MIDTEX	190
AZ	G6B	HASCO	HAS112	NEC	MR602
CLARE	LX20/LM44	IDEC	RW	OMRON	G6A
FUJITSUI	FBR244	ITT	RA	P & B	T82

ORDERING INFORMATION

DC 2A 05 DS

SERIES
16 Pin
Dip

CONTACT FORM
2A = DPST
1C = SPDT

OPTIONS (Add suffix in alpha order)
D = Coil Diode
H = Magnetic Shield
R = Insulation Resistance 10¹²
S = Electrostatic Shield

COIL VOLTAGE
05 = 5V
12 = 12V
24 = 24V