

### Ratings

Contacts up to 40 amp @ 100-280VAC,  
47-63Hz

Signal ranges:

3-32VDC, 20-28VAC or 100-135VAC

Motor load and tungsten lamp ratings:

E3-10: 4.75FLA @ 280VAC

E3-25: 2HP @ 280VAC

E3-25T: 750W tungsten @ 120VAC;

2HP @ 280VAC

E3-25ST: 1500W tungsten @ 120VAC;

2HP @ 280VAC

E3-40: 90LRA/15FLA @ 240VAC

### Description

Zero voltage turn on, zero current turn off

Bounceless switching  
Long life  
Integrated circuit compatibility  
High noise immunity  
Optically isolated

### Performance Data

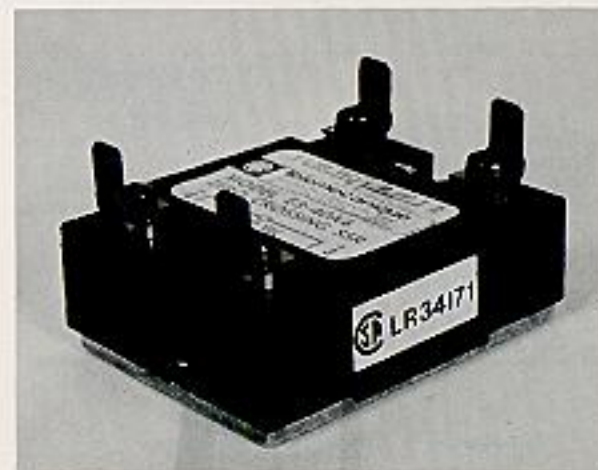
Input to output voltage: 2500V  
Operating Temperature Range:  
-30 to +80°C

Storage Temperature Range:  
-40° to +125°C

### Approvals

UL File No. E57093

CSA File No. 34171



Note: Consult factory for technical data on heat sink and special applications:

Catalog Number <sup>3</sup>	Max. Load <sup>1</sup> Current	Input	Output (AC)	Contact Type <sup>2</sup>	Surge One Cycle	Max. Contact Voltage Drop	Off State Leakage Current	Pick-up Voltage	Drop-out Voltage	Input Impedance
E3-10D1A	10A	3-32VDC	280	A	100A	1.6V	8mA	3VDC	1VDC	2200Ω
E3-10D1B	10A	3-32VDC	280	B	100A	1.6V	8mA	3VDC	1VDC	2200Ω
E3-10A0A	10A	20-28VAC	280	A	100A	1.6V	8mA	18VAC	10VAC	10KΩ
E3-10A0B	10A	20-28VAC	280	B	100A	1.6V	8mA	18VAC	10VAC	10KΩ
E3-10A4A	10A	100-135VAC	280	A	100A	1.6V	8mA	90VAC	10VAC	40KΩ
E3-10A4B	10A	100-135VAC	280	B	100A	1.6V	8mA	90VAC	10VAC	40KΩ
E3-25D1A	25A	3-32VDC	280	A	250A	2V	8mA	3VDC	1VDC	2200Ω
E3-25D1B	25A	3-32VDC	280	B	250A	2V	8mA	3VDC	1VDC	2200Ω
E3-25A0A	25A	20-28VAC	280	A	250A	2V	8mA	18VAC	10VAC	10KΩ
E3-25A0B	25A	20-28VAC	280	B	250A	2V	8mA	18VAC	10VAC	10KΩ
E3-25A4A	25A	100-135VAC	280	A	250A	2V	8mA	90VAC	10VAC	40KΩ
E3-25A4B	25A	100-135VAC	280	B	250A	2V	8mA	90VAC	10VAC	40KΩ
E3-40D1A	40A	3-32VDC	280	A	400A	2V	8mA	3VDC	1VDC	2200Ω
E3-40D1B	40A	3-32VDC	280	B	400A	2V	8mA	3VDC	1VDC	2200Ω
E3-40A0A	40A	20-28VAC	280	A	400A	2V	8mA	18VAC	10VAC	10KΩ
E3-40A0B	40A	20-28VAC	280	B	400A	2V	8mA	18VAC	10VAC	10KΩ
E3-40A4A	40A	100-135VAC	280	A	400A	2V	8mA	90VAC	10VAC	40KΩ
E3-40A4B	40A	100-135VAC	280	B	400A	2V	8mA	90VAC	10VAC	40KΩ

1. Max. current load when proper heat sink applied.

2. Type A contact is normally open, type B contact is normally closed.

3. For clamp type terminals add suffix letter "C" to catalog number. Example: E10D1A-C

