Discontinued

Series E3

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

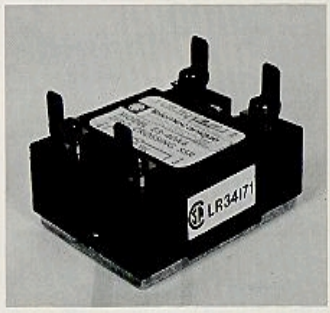
Zero voltage turn on, zero current turn off
Bounceless switching
Long life
Integrated circuit compatibility
High noise immunity
Optically isolated

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[3]	Max. Load[1] Current	Input	Output (AC)	Contact Type[2]	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