

EL Series

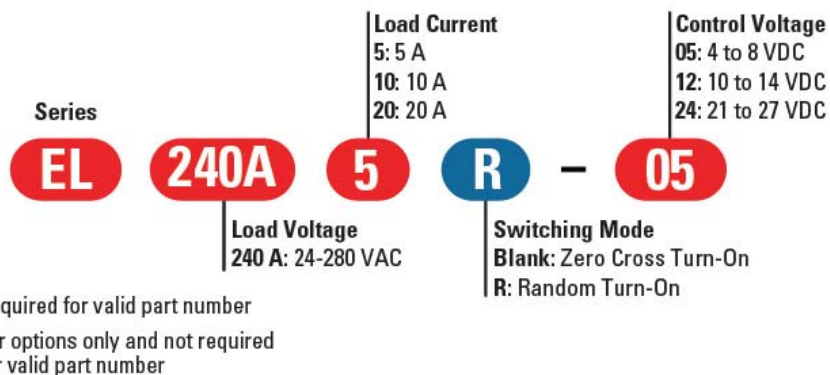


- Ratings of 5A, 10A and 20A @ 24-280 VAC
- UL Recognized, CE and RoHS Compliant
- 5, 12 and 24VDC control
- Zero-crossing (resistive loads) or random-fire (inductive loads) output

PRODUCT SELECTION

Control Voltage	5A	10A	20A
4-8 VDC	EL240A5-05	EL240A10-05	EL240A20-05
10-14 VDC	EL240A5-12	EL240A10-12	EL240A20-12
21-27 VDC	EL240A5-24	EL240A10-24	EL240A20-24

AVAILABLE OPTIONS



OUTPUT SPECIFICATIONS (1)

Description	5A	10A	20A
Operating Voltage (47-63Hz) [Vrms]	24-280	24-280	24-280
Maximum Load Current [Arms] (2)	5	10	20
Minimum Load Current [mArms]	150	150	250
Transient Overvoltage [Vpk]	600	600	600
Maximum Surge Current (50/60Hz, 1 Cycle) [Apk]	115/120	145/150	240/250
Maximum I ² t for Fusing (50/60Hz, 1/2 cycle) [A ² sec]	65/60	100/95	285/260
Minimum Off-State dv/dt @ Maximum Rated Voltage [V/μsec] (3)	500	500	500
Maximum Off-State Leakage Current @ Rated Voltage [mArms]	0.1	0.1	0.1
Thermal Resistance Junction to Case (Rjc) [°C/W]	6.0	4.0	2.0
Maximum On-State Voltage Drop @ Rated Current [Vpk]	1.3	1.3	1.3
Minimum Power Factor (with Maximum Load)	0.5	0.5	0.5