XLA or

.30 mA

.50 mA

ZLA Model

2250 VDC

1450 VDC

250 VAC

50/60 Hz

one .25 x 1.25" (not included)

or two 5 x 20mm (not included)

10,000 operations at 51A max. inrush

3 to 5A

DPST



Power Entry Module with Enhanced EMI Filtering

Specifications

@120 VAC 60 Hz:

@250 VAC 50 Hz:

Line to Ground:

Rated Voltage (max.):

Operating Frequency:

Available Part Numbers

Line to Line:

Rated Current:

Switch:

Required Fuse(s):

Hipot rating (one minute):

LA Series



UL Recognized CSA Certified



Maximum leakage current each Line to Ground:

FLA Model

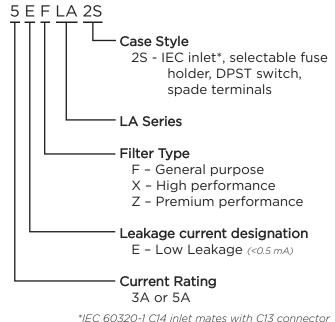
.25 mA

.50 mA

LA Series

- Power entry module with extended and enhanced low frequency filters
- North American or dual metric fuse holder options
- DPST on/off switch
- 120/240V voltage selection
- The F version provides basic performance two element circuit filter
- The X version provides a three element differential mode circuit with extended EMI attenuation, suitable for meeting FCC Part 15J, Class B conducted emissions limits
- The Z version provides a three element differential mode circuit with enhanced EMI low frequency attenuation, suitable for meeting EN55022 Level B as well as FCC Part 15J limits

Ordering Information



5EFLA2S 3EXLA2S 3EZLA2S

| Dimensions are in inches and millimeters unless otherwise specified. Values in italics |
|--|
| are metric equivalents. Dimensions are shown for reference purposes only. |
| Specifications subject to change. |



Power Entry Module with Enhanced EMI Filtering (continued)

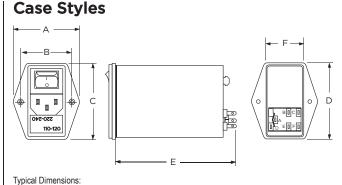
LA Series

Voltage Selection

To change selected voltage: remove the fuse cartridge using a small blade screwdriver or similar tool; select the desired voltage by matching the arrow on the fuse cartridge to the arrow located on the front of the unit (lower right corner); replace the fuse cartridge making sure the voltage selection arrow aligns with the arrow located on the front of the unit.

Changing Fuses

Remove the fuse cartridge using a small blade screwdriver or similar tool; for Metric fusing pull out the sliding fuse covers located at the top of each fuse compartment; insert desired fuses; push the sliding fuse covers back in place and insert the fuse cartridge back into the unit making sure the voltage selection arrow aligns with the arrow located on the front of the unit. (Note: Single North American or Metric fuse placement is always on the side of the desired voltage selection arrow behind the fuse symbol; the other compartment may be used as a spare or be left blank. Dual Metric fusing capability is available for 220/240 volts only.)



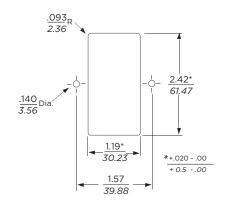
pical Dimensions: Line Inlet (1): Mounting Holes (2): Backplate Terminals(5): Ground:

IEC 60320-1 C14 .142 [3.6] Dia. .110 [2.79] with .059 [1.5] holes .solder lug tab with wire wrap

Case Dimensions

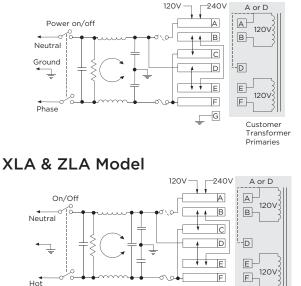
| | Α | В | С | D | Е | F |
|----------|--------|----------------------|--------|--------|--------|--------|
| Part No. | (max.) | <u>±.015</u> ±.38 | (max.) | (max.) | (max.) | (ref.) |
| 5EFLA2S | 1.99 | 1.57 | 2.59 | 2.41 | 3.16 | 1.18 |
| | 50.5 | 39.9 | 65.79 | 61.21 | 68.07 | 29.97 |
| 3EXLA2S | 1.99 | 1.57 | 2.59 | 2.41 | 4.16 | 1.18 |
| | 50.5 | 39.9 | 65.79 | 61.21 | 105.7 | 29.97 |
| 3EZLA2S | 1.99 | 1.57 | 2.59 | 2.41 | 4.16 | 1.18 |
| | 50.5 | 39.9 | 65.79 | 61.21 | 105.7 | 29.97 |

Recommended Panel Cutout



Electrical Schematics

FLA Model



Dimensions are in inches and millimeters unless otherwise specified. Values in italics are metric equivalents. Dimensions are shown for reference purposes only. Specifications subject to change.

G

Customer Transformer Primaries

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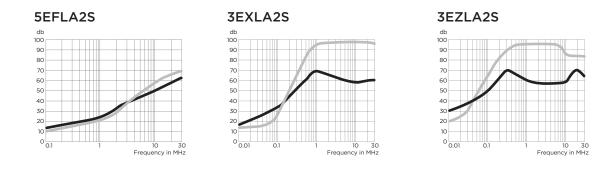
Power Entry Module with Enhanced EMI Filtering (continued)

LA Series

Performance Data

Typical Insertion Loss

Measured in closed 50 Ohm system



Common Mode / Asymmetrical (L-G) Differential Mode / Symmetrical (L-L)

Minimum Insertion Loss

Measured in closed 50 Ohm system

| Common Mode | / Asymmetrical | (Line to | Ground) |
|-------------|----------------|----------|---------|
|-------------|----------------|----------|---------|

| | | Frequency – MHz 1 .05 .15 .5 1 5 10 30 - 14 21 26 40 46 50 2 12 21 35 46 44 40 | | | | | | |
|----------|-----|--|-----|----|----|----|----|----|
| Part No. | .01 | .05 | .15 | .5 | 1 | 5 | 10 | 30 |
| 5EFLA2S | - | - | 14 | 21 | 26 | 40 | 46 | 50 |
| 3EXLA2S | 2 | 12 | 21 | 35 | 46 | 44 | 44 | 40 |
| 3EZLA2S | 14 | 28 | 38 | 42 | 40 | 40 | 40 | 40 |

Differential Mode / Symmetrical (Line to Line)

| | Frequency – MHz | | | | | | | | | |
|----------|-----------------|-----|-----|-----|-----|----|----|----|----|----|
| Part No. | .02 | .03 | .05 | .07 | .15 | .5 | 1 | 5 | 10 | 30 |
| 5EFLA2S | - | - | - | - | - | - | - | - | - | - |
| 3EXLA2S | - | - | - | 5 | 33 | 60 | 65 | 60 | 50 | 50 |
| 3EZLA2S | 3 | 14 | 29 | 38 | 57 | 72 | 72 | 65 | 55 | 50 |