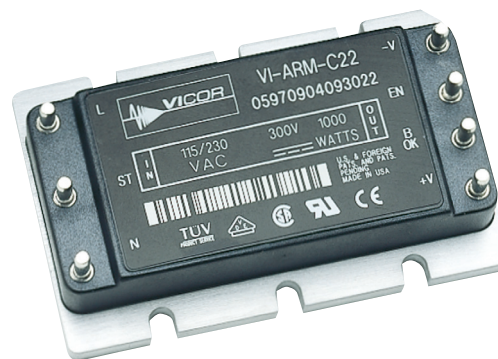


# VI-ARM

## AC INPUT - AUTORANGING

### FEATURES

- Autoranging Input
- Microprocessor Controlled
- 96-98% Efficiency
- 100°C Baseplate (no derating)
- UL, CSA, TÜV, VDE, BABT, CE Marked, C-Tick
- Bus AC OK, Module Enable
- Inrush Limiting (no external circuitry)
- CE Marked



### Specifications

#### GENERAL

| Parameter                 | VI-ARM-C12                                               | VI-ARM-C22                          |
|---------------------------|----------------------------------------------------------|-------------------------------------|
| AC line input             | 90-132Vac to                                             | 180Vac to                           |
|                           | Autoranging                                              | Autoranging                         |
|                           | 47Hz to 63Hz                                             | 47Hz to 63Hz                        |
| Output power rating       | 500W:(90-132Vac)                                         | 1000W:(90-132Vac)                   |
|                           | 750W:(180-264Vac)                                        | 1500W:(180-264Vac)                  |
| Efficiency                | 97%                                                      |                                     |
| Inrush current            | <15A, 132Vac                                             | <30A, 132Vac(No external circuitry) |
| Isolation vVoltage        | None, it is provided by DC/DC converters Input to Output |                                     |
| Input/output to baseplate | 1,500VRMS                                                | 1,500VRMS                           |

(Typical at TBP – 25°C unless otherwise specified)

#### STANDARDS AND APPROVALS

C-Tick AS/NZS CISPR11 Group 1 Class A

### Selection Table

#### -VI-ARM PART NUMBERS (BY PRODUCT GRADE)

| Short pin  |             | Long pin   |             |
|------------|-------------|------------|-------------|
| 500W/750W  | 1000W/1500W | 500W/750W  | 1000W/1500W |
| VI-ARM-C11 | VI-ARM-C21  | VI-ARM-C12 | VI-ARM-C22  |
| VI-ARM-T11 | VI-ARM-T21  | VI-ARM-T12 | VI-ARM-T22  |

Dimensions:- 579 x 36.8 x 12.7mm

### Part Numbering

| Product | Product Grade                                                                                           | Type                                       | Pin Style                                                                                           |
|---------|---------------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------|
|         | E = -10 to +100°C<br>C = -20 to +100°C<br>T = -40 to +100°C*<br>H = -40 to +100°C*<br>M = -55 to +100°C | 1 = 500 W / 750 W<br>2 = 1,000 W / 1,500 W | 1 = Short<br>2 = Long<br>S = Short ModuMate<br>N = Long ModuMate<br>F = Short RoHS<br>G = Long RoHS |

\* T-Grade storage temp. is -40°C; H-Grade storage temp. is -55°C

### VI-ARM Connection Diagram - Typical Configuration

