



## ECA100-11 SERIES

### CURRENT, VOLTAGE MONITORS MOTOR PROTECTION RELAYS



#### Protection Against:

- ✓ Overload
- ✓ Over & Undervoltage
- ✓ Voltage Unbalance
- ✓ Current Unbalance
- ✓ Single Phasing
- ✓ Phase Reversal

### FEATURES

- ✓ Measuring of Current, Voltage
- ✓ Adjustable Parameters: overload, after fault start up delay, start mode
- ✓ Four LED indicator lights for status/fault detection
- ✓ Reports: Load, Voltage, Current, Adjustment values, Start Mode, Last 20 Faults and power frequency
- ✓ Din rail, or flat surface mounting
- ✓ Comm Port ( MOBUS RTU protocol on on RS485@9600 baud output)
- ✓ Meets IEEE, IEC & NEMA standards, UL Listed

### REPLACES

- **SymCom:** 601, 601-575, 455, 455-575, 455-480R | **Wagner:** DTP-3 | **A-1:** EAC-8002 | **Time Mark:** 274, 2744, 272, 2722

### OVERVIEW

#### Protect your most valuable investments!

ECA100-11 is a series of microcontrolled 3-phase motor protection current, voltage monitoring relays. Designed to protect electrical motors from failure and damage due to common current and voltage faults.

The ECA100-11's constantly supervise current and line voltage values and when harmful condition occurs, the output is deactivated until the fault disappears. These units feature two setting knobs in order to select the maximum allowed current (FLA) and start up delay (TC) once the voltage fault disappears. It also features four LED's for output status and fault detection.

### SPECIFICATIONS / MODELS

ECA100-11-208012	Motor Protection Relay 208/220VAC 3.5-12A
ECA100-11-208032	Motor Protection Relay 208/220VAC 10-32A
ECA100-11-208080	Motor Protection Relay 208/220VAC 25-80A
ECA100-11-480032	Motor Protection Relay 440/480VAC 10-32A
ECA100-11-480080	Motor Protection Relay 440/480VAC 25-80A