

Catalogue No: **193-ED1CB**  
**OVERLOAD ELECTRONIC 1.0-5A FOR 100-C09/23**

Motor Control and Drives > Motor Starting and Protection > Motor Protection > Allen-Bradley Overloads > Electronic Overloads > E1 Plus Standard Electronic Overloads



Representative Photo Only  
(actual product may vary based on configuration selections)

- E1 Plus Standard Electronic Overload Relay, 1.0-5.0A, (3-Phase), for use with 100-C09...23, Trip Class 10, Manual Reset
- Wide current adjustment range (5:1) significantly reduces inventory requirements
  - Extremely low heat generation results in cooler panels and switchboards
  - Self-powered with no separate power supply connection required, for convenience
  - Advanced phase failure detection (typically 3 seconds) for improved motor protection
  - Low-voltage compatible contacts (17V, 5mA) – ideal with PLC systems
  - Includes trip and alarm contacts – 1x N/C and 1x N/O for easy integration into your control circuit
  - Unique latching mechanism and strengthened power connections provide greater mechanical connection with Bulletin 100-C contactors for a more robust design

| SPECIFICATIONS                          |                     |
|-----------------------------------------|---------------------|
| Product Series                          | E1 Plus             |
| Component Type Motor Control and Drives | Electronic Overload |
| Adjustment                              | 5 : 1               |
| Current Range (A)                       | 1.0...5.0           |
| Approx kW                               | 0.25...2.2          |
| kW Rating, AC-3, 415V, Min              | 0.25 kW @415V min   |
| kW Rating, AC-3, 415V, Max              | 2.2 kW @415V max    |
| Motor FLC, Min                          | 1 A, min            |
| Motor FLC, Max                          | 5 A, max            |
| Details, Contactor                      | 100-C09...23        |
| Trip Class                              | 10                  |
| Reset                                   | Manual Only         |
| Rated Operation Voltage                 | 690 V AC            |
| IP Rating                               | IP20                |

| REFERENCES                                  |   |
|---------------------------------------------|---|
| IECEX Certificate                           | - |
| Supplier Declaration of Conformity:         | - |
| Installation Guide:                         | - |
| User Manual:                                | - |
| Manufacturer Datasheet:                     | - |
| Manufacturer Catalogue & Product Selection: | - |