

# QVSR2.E324415 - Special-purpose Solid-state Overcurrent Protectors for Use in Hazardous Locations - Component

Special-purpose Solid-state Overcurrent Protectors for Use in Hazardous Locations - Component

PHOENIX CONTACT GmbH & Co. KG

E324415

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Class I, Division 2, Groups A, B, C and D.

| Cat. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Volts | Cont. Current | Prot. Current | Temp Range | TNC | Add. Eng. Consid. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------|---------------|------------|-----|-------------------|
| Special-purpose solid-state overcurrent protector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |               |               |            |     |                   |
| EC-E1 1A, EC-E1 2A, EC-E1 3A, EC-E1 4A, EC-E1 6A, EC-E1 8A, EC-E1 10A, EC-E1 12A, EC-E4 1A, EC-E4 2A, EC-E4 3A, EC-E4 4A, EC-E4 6A, EC-E4 8A, EC-E4 10A, EC-E4 12A, EC-E1 0.5A, EC-E4 0.5A, EC-E 0.5A, EC-E 1A, EC-E 2A, EC-E 3A, EC-E 4A, EC-E 6A, EC-E 8A, EC-E 10A, EC-E 12A, EC 1 12DC/1A S-C, EC 1 12DC/2A S-C, EC 1 12DC/3A S-C, EC 1 12DC/4A S-C, EC 1 12DC/6A S-C, EC 1 12DC/10A S-C, EC 1 12DC/1A S-R, EC 1 12DC/2A S-R, EC 1 12DC/3A S-R, EC 1 12DC/4A S-R, EC 1 12DC/6A S-R, EC 1 12DC/10A S-R, ECP-E 1A,ECP-E 2A, ECP-E 3A, ECP-E 4A, ECP-E 6A, ECP-E 8A, ECP-E 10A, ECP-E 12A, ECP-E2 1A, ECP-E2 2A, ECP-E2 3A, ECP-E2 4A, ECP-E2 6A, ECP-E2 8A, ECP-E2 10A, ECP-E2 12A, ECP-E3 1A, ECP-E3 2A, ECP-E3 3A, ECP-E3 4A, ECP-E3 6A, ECP-E3 8A, ECP-E3 10A, ECP-E3 12A may be followed by additional symbols or alphanumeric suffixes to designate color, customer identification, and packaging or plating options. Investigated to ANSI/ISA-12.12.01. | 12-24 | 0.5- 12 A     | 0.5 - 12 A    | -25 - +60  | 1   | 1                 |
| CAPAROC E2 12-24DC/2-10A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 24    | 1-10          | 1.1-11        | Max. 65°C  | 1   | N/A               |
| CAPAROC E2 12-24DC/2-10 EX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 24    | 1-10          | 1.1-11        | Max. 65°C  | 1   | N/A               |
| CAPAROC E2 12-24DC/1-4A @                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 24    | 1-4           | 1.1-4.4       | Max. 65°C  | 1   | N/A               |
| CAPAROC E2 12-24DC/1-4A @ EX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 24    | 1-4           | 1.1-4.4       | Max. 65°C  | 1   | N/A               |
| CAPAROC E1 12-24DC/1-4A@                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 24    | 1-4           | 1.1-4.4       | Max. 65°C  | 1   | N/A               |
| CAPAROC E1 12-24DC/1A@                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 24    | 1             | 1.1           | Max. 65°C  | 1   | N/A               |
| CAPAROC E1 12-24DC/2A@                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 24    | 2             | 2.2           | Max. 65°C  | 1   | N/A               |
| CAPAROC E1 12-24DC/4A@                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 24    | 4             | 4.4           | Max. 65°C  | 1   | N/A               |
| CAPAROC E1 12-24DC/1-10A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 24    | 1-10          | 1.1-11        | Max. 65°C  | 1   | N/A               |
| CAPAROC E1 12-24DC/6A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 24    | 6             | 6.6           | Max. 65°C  | 1   | N/A               |
| CAPAROC E1 12-24DC/8A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 24    | 8             | 8.8           | Max. 65°C  | 1   | N/A               |
| CAPAROC E1 12-24DC/10A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 24    | 10            | 11            | Max. 65°C  | 1   | N/A               |

1 - Additional Engineering Considerations - These devices have been subjected to the Transient Overvoltage Test in accordance with UL 991, "Tests for Safety-Related Controls Employing Solid-State Devices."

(@) - The outputs of these products may be additionally marked "NEC Class 2."

Class I, Division 2, Groups A, B, C and D.

Low voltage solid-state overcurrent protectors, Cat. Nos. CBM E4 24DC/0.5-10A NO-R and CBM E8 24DC/0.5-10A NO-R.

Low voltage solid-state overcurrent protectors, Cat. Nos. PTCB E1 24DC/1-3A NO, PTCB E1 24DC/1-4A NO, PTCB E1 24DC/1-8A NO, PTCB E1 24DC/1A NO, PTCB E1 24DC/2A NO, PTCB E1 24DC/3A NO, PTCB E1 24DC/4A NO, PTCB E1 24DC/6A NO, PTCB E1 24DC/8A NO, PTCB E1 24DC/1-4A SI-R, PTCB E1 24DC/1-8A SI-R, PTCB E1 24DC/1A SI-R, PTCB E1 24DC/2A SI-R, PTCB E1 24DC/4A SI-R, PTCB E1 24DC/6A SI-R and PTCB E1 24DC/8A SI-R for use in Class I, Division 2, Groups A, B, C and D Hazardous Locations.

Marking: Company name, catalog designation and the Recognized Component Mark .