

QVRQ2.E317172 - Special-purpose Solid-state Overcurrent Protectors - Component

Special-purpose Solid-state Overcurrent Protectors - Component

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8
Blomberg, 32825 Germany

E317172

Cat. No.	Volts, DC	Cont. Current	Prot. Current	Temp Range	TNC	Add. Eng. Consid.
Special-purpose solid-state overcurrent protector						
ECP-E 1A	24	1	1.35	Max. 50°C	1	—
ECP-E 2A	24	2	2.7	Max. 50°C	1	—
ECP-E 3A	24	3	4.05	Max. 50°C	1	—
ECP-E 4A	24	4	5.4	Max. 50°C	1	—
ECP-E 6A	24	6	8.1	Max. 50°C	1	—
ECP-E 8A	24	8	10.8	Max. 50°C	1	—
ECP-E 10A	24	10	13.5	Max. 50°C	1	—
ECP-E 12A	24	12	16.2	Max. 50°C	1	—
ECP-E 16A	24	16	18.4	Max. 50°C	1	—
ECP-E2-1A	24	1	1.35	Max. 50°C	1	—
ECP-E2-2A	24	2	2.7	Max. 50°C	1	—
ECP-E2-3A	24	3	4.05	Max. 50°C	1	—
ECP-E2-4A	24	4	5.4	Max. 50°C	1	—
ECP-E2-6A	24	6	8.1	Max. 50°C	1	—
ECP-E2-8A	24	8	10.8	Max. 50°C	1	—
ECP-E2-10A	24	10	13.5	Max. 50°C	1	—
ECP-E2-12A	24	12	16.2	Max. 50°C	1	—
ECP-E2-16A	24	16	18.4	Max. 50°C	1	—
ECP-E3-1A	24	1	1.35	Max. 50°C	1	—
ECP-E3-2A	24	2	2.7	Max. 50°C	1	—
ECP-E3-3A	24	3	4.05	Max. 50°C	1	—
ECP-E3-4A	24	4	5.4	Max. 50°C	1	—
ECP-E3-6A	24	6	8.1	Max. 50°C	1	—
ECP-E3-8A	24	8	10.8	Max. 50°C	1	—
ECP-E3-10A	24	10	13.5	Max. 50°C	1	—
ECP-E3-12A	24	12	16.2	Max. 50°C	1	—
ECP-E3-16A	24	16	18.4	Max. 50°C	1	—
EC-E1 0.5A	24	0.5	0.675	Max. 50°C	1	—
EC-E1 1A	24	1	1.35	Max. 50°C	1	—
EC-E1 2A	24	2	2.7	Max. 50°C	1	—
EC-E1 3A	24	3	4.05	Max. 50°C	1	—
EC-E1 4A	24	4	5.4	Max. 50°C	1	—
EC-E1 6A	24	6	8.1	Max. 50°C	1	—
EC-E1 8A	24	8	10.8	Max. 50°C	1	—
EC-E1 10A	24	10	13.5	Max. 50°C	1	—
EC-E1 12A	24	12	16.2	Max. 50°C	1	—
EC-E1 16A	24	16	18.4	Max. 50°C	1	—

EC-E4 1A	24	1	1.35	Max. 50°C	1	—
EC-E4 2A	24	2	2.7	Max. 50°C	1	—
EC-E4 3A	24	3	4.05	Max. 50°C	1	—
EC-E4 4A	24	4	5.4	Max. 50°C	1	—
EC-E4 6A	24	6	8.1	Max. 50°C	1	—
EC-E4 8A	24	8	10.8	Max. 50°C	1	—
EC-E4 10A	24	10	13.5	Max. 50°C	1	—
EC-E4 12A	24	12	16.2	Max. 50°C	1	—
EC-E4 16A	24	16	18.4	Max. 50°C	1	—
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-E-16A	24	0.5 - 12	0.675 - 18.4	Max. 50°C	1	—
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 (#)	12	1 - 10	1.35 - 13.5	Max. 60°C	1	—
CBMC E4 24DC followed by y/y/y/yA (where y is the different configured current between 1-10A for each channel), followed by NO or NO2 or S-R, followed by A or F, may be followed by zzzz (where zzzz is any combination of letters, symbols and/or numbers designates non-electrical variations such as customer identification or packaging options).	24	Outputs 1-4: 1-10.0 A	10-40A	. +25°C to +60°C °	1	-
CBMC E4 24DC followed by 4XyyA (where yy is the same configured current between 1-10A for each channel) followed by NO or NO2 or S-R, followed by A or F, may be followed by zzzz (where zzzz is any combination of letters, symbols and/or numbers designates non-electrical variations such as customer identification or packaging options).	24	Outputs 1-4: 1-10.0 A	10-40A-	+25°C to +60°C °	1	-
CB E1 24DC/1A NO P	24	1	1.45	Max. 50°C	1	—
CB E1 24DC/2A NO P	24	2	2.9	Max. 50°C	1	—
CB E1 24DC/3A NO P	24	3	4.35	Max. 50°C	1	—
CB E1 24DC/4A NO P	24	4	5.8	Max. 50°C	1	—
CB E1 24DC/6A NO P	24	6	8.7	Max. 50°C	1	—
CB E1 24DC/8A NO P	24	8	11.6	Max. 50°C	1	—
CB E1 24DC/10A NO P	24	10	14.5	Max. 50°C	1	—
CB E1 24DC/1A S-R P	24	1	1.45	Max. 50°C	1	—
CB E1 24DC/2A S-R P	24	2	2.9	Max. 50°C	1	—
CB E1 24DC/3A S-R P	24	3	4.35	Max. 50°C	1	—
CB E1 24DC/4A S-R P	24	4	5.8	Max. 50°C	1	—
CB E1 24DC/6A S-R P	24	6	8.7	Max. 50°C	1	—
CB E1 24DC/8A S-R P	24	8	11.6	Max. 50°C	1	—
CB E1 24DC/10A S-R P	24	10	14.5	Max. 50°C	1	—
CB E1 24DC/1A NC P	24	1	1.45	Max. 50°C	1	—
CB E1 24DC/2A NC P	24	2	2.9	Max. 50°C	1	—
CB E1 24DC/3A NC P	24	3	4.35	Max. 50°C	1	—
CB E1 24DC/4A NC P	24	4	5.8	Max. 50°C	1	—
CB E1 24DC/6A NC P	24	6	8.7	Max. 50°C	1	—
CB E1 24DC/8A NC P	24	8	11.6	Max. 50°C	1	—
CB E1 24DC/10A NC P	24	10	14.5	Max. 50°C	1	—
CB E1 24DC/1A S-C P	24	1	1.45	Max. 50°C	1	—
CB E1 24DC/2A S-C P	24	2	2.9	Max. 50°C	1	—
CB E1 24DC/3A S-C P	24	3	4.35	Max. 50°C	1	—
CB E1 24DC/4A S-C P	24	4	5.8	Max. 50°C	1	—
CB E1 24DC/6A S-C P	24	6	8.7	Max. 50°C	1	—
CB E1 24DC/8A S-C P	24	8	11.6	Max. 50°C	1	—
CB E1 24DC/10A S-C P	24	10	14.5	Max. 50°C	1	—
CB E1 24DC/1A SI-R P	24	1	1.45	Max. 50°C	1	—
CB E1 24DC/2A SI-R P	24	2	2.9	Max. 50°C	1	—
CB E1 24DC/3A SI-R P	24	3	4.35	Max. 50°C	1	—

CB E1 24DC/4A SI-R P	24	4	5.8	Max. 50°C	1	—
CB E1 24DC/6A SI-R P	24	6	8.7	Max. 50°C	1	—
CB E1 24DC/8A SI-R P	24	8	11.6	Max. 50°C	1	—
CB E1 24DC/10A SI-R P	24	10	14.5	Max. 50°C	1	—
CB E1 24DC/1A SI-C P	24	1	1.45	Max. 50°C	1	—
CB E1 24DC/2A SI-C P	24	2	2.9	Max. 50°C	1	—
CB E1 24DC/3A SI-C P	24	3	4.35	Max. 50°C	1	—
CB E1 24DC/4A SI-C P	24	4	5.8	Max. 50°C	1	—
CB E1 24DC/6A SI-C P	24	6	8.7	Max. 50°C	1	—
CB E1 24DC/8A SI-C	24	8	11.6	Max. 50°C	1	—
CB E1 24DC/10A SI-C P	24	10	14.5	Max. 50°C	1	—
CBM E4 24DC/0.5-10A NO-R	24	Outputs 1-4: 0.5-10.0 A	1.5-15.0A	+40°C to +65°C	1	—
CBM E8 24DC/0.5-10A NO-R	24	Outputs 1-8: 0.5-10.0 A	1.5-15.0A	+40°C to +65°C	1	—
CBMC E4 24DC/1-4A NO (-C) @	24	Outputs 1-4: 1- 4.0 A	4-16A	+25°C to +60°C	1	—
CBMC E4 24DC/1-4A S-R (-C) @	24	Outputs 1-4: 1- 4.0 A	4-16A	+25°C to +60°C	1	—
CBMC E4 24DC/1-10A NO (-C)	24	Outputs 1-4: 1- 10.0 A	10-40A	+25°C to +60°C	1	—
CBMC E4 24DC/1-4A+ NO (-C) @	24	Outputs 1-4: 1- 4.0 A	4-16A	+25°C to +60°C	1	—
CBMC E4 24DC/1-10A IOL	24	Outputs 1-4: 1- 10.0 A	10-40A	+25°C to +60°C	1	—
CBMC E4 24DC/1-4A+ IOL @	24	Outputs 1-4: 1- 4.0 A	4-16A	+25°C to +60°C	1	—
CBMC E4 24DC/1-10A S-R (-C)	24	Outputs 1-4: 1- 10.0 A	10-40A	+25°C to +60°C	1	—
PTCB E1 24DC/1A @	24	1 A	1.2 A	-25°C to +60°C	1	—
PTCB E1 24DC/1A NO @	24	1 A	1.2 A	-25°C to +60°C	1	—
PTCB E1 24DC/2A @	24	2 A	2.4 A	-25°C to +60°C	1	—
PTCB E1 24DC/2A NO @	24	2 A	2.4 A	-25°C to +60°C	1	—
PTCB E1 24DC/3A @	24	3 A	3.6 A	-25°C to +60°C	1	—
PTCB E1 24DC/3A NO @	24	3 A	3.6 A	-25°C to +60°C	1	—
PTCB E1 24DC/4A	24	4 A	4.8 A	-25°C to +60°C	1	—
PTCB E1 24DC/4A NO	24	4 A	4.8 A	-25°C to +60°C	1	—
PTCB E1 24DC/5A	24	5 A	6 A	-25°C to +60°C	1	—
PTCB E1 24DC/5A NO	24	5 A	6 A	-25°C to +60°C	1	—
PTCB E1 24DC/6A	24	6 A	7.2 A	-25°C to +60°C	1	—
PTCB E1 24DC/6A NO	24	6 A	7.2 A	-25°C to +60°C	1	—
PTCB E1 24DC/7A	24	7 A	8.4 A	-25°C to +60°C	1	—
PTCB E1 24DC/7A NO	24	7 A	8.4 A	-25°C to +60°C	1	—
PTCB E1 24DC/8A	24	8 A	9.6 A	-25°C to +60°C	1	—

PTCB E1 24DC/8A NO	24	8 A	9.6 A	-25°C to +60°C	1	—
PTCB E1 24DC/1-4A	24	1-4.0 A	1.2-4.8 A	-25°C to +60°C	1	—
PTCB E1 24DC/1-4A+	24	1-4.0 A	1.2-4.8 A	-25°C to +60°C	1	—
PTCB E1 24DC/1-4A NO	24	1-4.0 A	1.2-4.8 A	-25°C to +60°C	1	—
PTCB E1 24DC/1-8A	24	1-8.0 A	1.2-9.6A	-25°C to +60°C	1	—
PTCB E1 24DC/1-8A NO	24	1-8.0 A	1.2-9.6A	-25°C to +60°C	1	—
PTCB E1 24DC/1-4A+ NO	24	1-4.0 A	1.2-4.8 A	-25°C to +60°C	1	—
PTCB E1 24DC/1-3A @	24	1-3.0 A	1.2-3.6 A	-25°C to +60°C	1	—
PTCB E1 24DC/1-3A NO @	24	1-3.0 A	1.2-3.6 A	-25°C to +60°C	1	—
PTCB E1 24DC/1A(F5) NO @	24	1 A	1.2 A	-25°C to +60°C	1	—
PTCB E1 24DC/2A(F5) NO @	24	2 A	2.4 A	-25°C to +60°C	1	—
PTCB E1 24DC/3A(F5) NO @	24	3 A	3.6 A	-25°C to +60°C	1	—
PTCB E1 24DC/4A(F5) NO	24	4 A	4.16 A	-25°C to +60°C	1	—
PTCB E1 24DC/1-3A(F5) NO @	24	1-3.0 A	1.2-3.6 A	-25°C to +60°C	1	—
PTCB E1 24DC/1-4A(F5) NO	24	1-4.0 A	1.04-4.16 A	-25°C to +60°C	1	—
PTCB E1 24DC/1A SI-R @	24	1 A	1.2 A	-25°C to +60°C	1	—
PTCB E1 24DC/2A SI-R @	24	2 A	2.4 A	-25°C to +60°C	1	—
PTCB E1 24DC/3A SI-R @	24	3 A	3.6 A	-25°C to +60°C	1	—
PTCB E1 24DC/4A SI-R @	24	4 A	4.16 A	-25°C to +60°C	1	—
PTCB E1 24DC/1-3A SI-R @	24	1-3.0 A	1.2-3.6 A	-25°C to +60°C	1	—
PTCB E1 24DC/1-4A SI-R @	24	1-4.0 A	1.04-4.16 A	-25°C to +60°C	1	—
PTCB E1 24DC/6A SI-R	24	6 A	7.2 A	-25°C to +60°C	1	—
PTCB E1 24DC/8A SI-R	24	8 A	9.6 A	-25°C to +60°C	1	—
PTCB E1 24DC/1-8A SI-R	24	1-8.0 A	1.2-9.6 A	-25°C to +60°C	1	—
CAPAROC E2 12-24DC/2-10A	24	1-10	1.1-11	Max. 65°C	1	—
CAPAROC E2 12-24DC/2-10 EX	24	1-10	1.1-11	Max. 65°C	1	
CAPAROC E2 12-24DC/1-4A @	24	1-4	1.1-4.4	Max. 65°C	1	—
CAPAROC E2 12-24DC/1-4A @ EX	24	1-4	1.1-4.4	Max. 65°C	1	
CAPAROC E1 12-24DC/1-4A@	24	1-4	1.1-4.4	Max. 65°C	1	—
CAPAROC E1 12-24DC/1A@	24	1	1.1	Max. 65°C	1	—
CAPAROC E1 12-24DC/2A@	24	2	2.2	Max. 65°C	1	—
CAPAROC E1 12-24DC/4A@	24	4	4.4	Max. 65°C	1	—
CAPAROC E4 12-24DC/1-4A@	24	1-4	1.1-4.4	Max. 65°C	1	—
CAPAROC E1 12-24DC/1-10A	24	1-10	1.1-11	Max. 65°C	1	—
CAPAROC E1 12-24DC/6A	24	6	6.6	Max. 65°C	1	—

CAPAROC E1 12-24DC/8A	24	8	8.8	Max. 65°C	1	—
CAPAROC E1 12-24DC/10A	24	10	11	Max. 65°C	1	—
CAPAROC E4 12-24DC/1-10A	24	1-10	1.1-11	Max. 65°C	1	—

(#)- may be followed by additional suffixes (any combination of letters, symbols and/or numbers) designating non-electrical variations such as color, customer identification, packaging or plating options.

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

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

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