

Product list – circuit breakers



24 V DC device circuit breakers

Nominal current	Nominal current value	Number of channels	EN 61373	EN 45545-2	EN 50121-3-2 ¹⁾	Test at -40°C	Type	Item no.
1 A	Fixed	1	X	X	X		PTCB E1 24DC/1A SI-R	1135751
2 A	Fixed	1	X	X	X		PTCB E1 24DC/2A SI-R	1135749
4 A	Fixed	1	X	X	X		PTCB E1 24DC/4A SI-R	1135745
6 A	Fixed	1	X	X	X		PTCB E1 24DC/6A SI-R	1135740
8 A	Fixed	1	X	X	X		PTCB E1 24DC/8A SI-R	1135734
1 A	Fixed	1	X	X	X		PTCB E1 24DC/1A NO	2909902
2 A	Fixed	1	X	X	X		PTCB E1 24DC/2A NO	2909903
3 A	Fixed	1	X	X	X		PTCB E1 24DC/3A NO	2909904
4 A	Fixed	1	X	X	X		PTCB E1 24DC/4A NO	2909906
6 A	Fixed	1	X	X	X		PTCB E1 24DC/6A NO	2909908
8 A	Fixed	1	X	X	X		PTCB E1 24DC/8A NO	2909910
1 ... 8 A	Adjustable	1	X	X	X		PTCB E1 24DC/1-8A SI-R	1135752
1 ... 4 A	Adjustable	1	X	X	X		PTCB E1 24DC/1-4A SI-R	1135753
1 ... 8 A	Adjustable	1	X	X	X		PTCB E1 24DC/1-8A NO	2908262
1 ... 3 A	Adjustable	1	X	X	X		PTCB E1 24DC/1-3A NO	2909909
1 ... 4 A	Adjustable	1	X	X	X		PTCB E1 24DC/1-4A NO	2908261
0.5 ... 10 A	Adjustable	4	X			X	CBM E4 24DC/0.5 ... 10A NO-R	2905743
0.5 ... 10 A	Adjustable	8	X			X	CBM E8 24DC/0.5 ... 10A NO-R	2905744
1 ... 4 A	Adjustable	4	X				CBMC E4 24DC/1-4A S-R	1065727
1 ... 10 A	Adjustable	4	X				CBMC E4 24DC/1-10A S-R	1065729
1 ... 4 A	Preconfigured	4	X				CBMC E4 24DC/1-4A S-R-C	1103876
1 ... 10 A	Preconfigured	4	X				CBMC E4 24DC/1-10A S-R-C	1103875
1 ... 4 A	Adjustable	4	X				CBMC E4 24DC/1-4A NO	2906031
1 ... 10 A	Adjustable	4	X				CBMC E4 24DC/1-10A NO	2906032
1 ... 4 A	Preconfigured	4	X				CBMC E4 24DC/1-4A NO-C	2908713
1 ... 10 A	Preconfigured	4	X				CBMC E4 24DC/1-10A NO-C	2908716



PTCB ...



CBM ...



CBMC ...

S = status output; SI = status output, inverted; R = reset input; NO = floating signal contact; C = preconfigured

¹⁾ Immunity signal burst 1 kV

Lightning and surge protection

Railway infrastructure and signaling combine a large number of trades that need to be protected against the effects of lightning and surge voltages. All conductors and devices of the power supply, control-command and signaling, as well as telecommunications systems must be protected through a holistic overvoltage protection concept. The large variety of voltages and frequencies in the different systems must be taken into account when selecting the surge protective device. A feature of all these systems is the insulated structure (IT systems), which ensures a high degree of system availability but also poses special challenges for the protection and monitoring technology. Phoenix Contact can provide you with surge protective devices and solutions that are ideal for all requirements.

