

Product datasheet

Specifications



Coil WB1 -E 48V AC for CV1B, CV3B Contactor

WB1EA048

⚠ Discontinued on: 9 Feb 2022

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Main

Range	TeSys
Product or component type	Contactor coil
Range compatibility	TeSys TeSys B CV1BF contactor TeSys TeSys B CV3BF contactor
Control circuit type	AC
Coil type	Low consumption
[Uc] control circuit voltage	48 V AC 50 Hz 53 V AC 60 Hz

Complementary

Control circuit voltage limits	Operational: 0.85...1.1 Uc at 50 Hz (at <55 °C) Operational: 0.85...1.1 Uc at 60 Hz (at <55 °C)
Average resistance	2.22 Ohm at 20 °C
Inductance of closed circuit	0.15 H
Inrush power in VA	220...270 VA 50 Hz cos phi 0.4 (at 20 °C) 225...275 VA 60 Hz cos phi 0.34 (at 20 °C)
Inrush power in W	90...110 W at 20 °C 75...95 W at 20 °C
Hold-in power consumption in VA	35...55 VA 50 Hz cos phi 0.34 (at 20 °C) 35...55 VA 60 Hz cos phi 0.37 (at 20 °C)
Hold-in power consumption in W	13...19 W at 20 °C 10...13 W at 20 °C
Net weight	0.18 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.5 cm
Package 1 Width	5.5 cm
Package 1 Length	9 cm
Package 1 Weight	195 g

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better



Materials and Substances

EU RoHS Directive

[Compliant](#)

Use Longer



Lifetime extension

Repair

No