

C193 SERIES SINGLE-POLE CONTACTOR FOR 700V - 1000V



C193 Series single-pole contactor

The C193 single pole contactor was developed to offer an extraordinarily high DC breaking capacity in a very small size. With an operating capability of 1000 volts, it is most suitable for heating controls; particularly on rail vehicles where it is now widely employed.

Other advantages include an extended coil tolerance (+25% / -30%) auxiliary contacts, efficient magnetic arc quench and DIN rail mounting. Qualification to Railway Standards and an enviable performance record based on the highest levels of quality control, makes this contactor the right choice for long, reliable operations.

Applications:-

- ▶ DC switch cabinets, in particular heating and ventilation controls on rail vehicles.

Features

- ▶ Compact design
- ▶ Double-break contacts
- ▶ Arc Extinction by blowout magnets
- ▶ Coil tolerance:- 30% - +25%
- ▶ DIN rail mounting
- ▶ Rated 50A (continuous) 1000V
- ▶ Designed for high ambient temperatures
- ▶ Offer in both DC and AC versions

Technical Data

Series	C193
Contact type	NO
Conv. thermal current I_{th}	50 A
Making current	---
Nominal voltage	1,000 V
Rated insulation voltage U_i	1,000 V
Coil voltage	12 V ... 110 V DC
Rated coil power	10 W
Mechanical life	> 3 million operations
Utilization category	AC 1 / DC 1
Protection, IEC 60529	IP00
Dimensions (mm)	108 x 48 x 110
Weight (g)	700

C193 ORDERING CODE

Example: **C193 A/ 24EV-U1 001**

C193 Type _____

Version: _____

A	= NO DC with extinction plates
B	= NO AC with extinction plates, no magnets
S	= NO DC without extinction plates
T	= NO AC without extinction plates, no magnets

Coil voltage _____

Tolerance: _____

E	= +25% / -30%
J	= 0% / -40%
A	= +15% / -15%

Back voltage suppression _____

V	= Varistor
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Type & number of aux. contacts _____

U	= S870 W1D1 a 012
J	= S870 W1D4 a 063

Special versions _____