

Features

HIGH CURRENT CARRY AND HIGH VOLTAGE

Inert gas filled arc chamber suitable for high voltage switching

COMPACT STRUCTURE, LOW NOISE

Small, low-profile design with low noise while carrying or switching loads

COIL ECONOMIZER

Economized coil for low power consumption

SAFE FOR EXPLOSIVE ENVIRONMENTS

No arc leakage due to a hermetically sealed design

HIGH RELIABILITY DESIGN

Hermetic sealing creates a stable environment for high voltage switching

NO SPECIFIC MOUNTING ARRANGEMENT

Mountable in any orientation without reduction of performance

VARIOUS APPLICATIONS

Battery disconnect, EV charging, energy storage systems, photovoltaics, power control, circuit protection and much more

Certification Information

1. Meet RoHS (2011/65/EU)
2. CE certified
3. UL approved

Nomenclature

Series code:
"ALEV100" = ALEV100

Coil Voltage Code:
"B" = 12VDC
"C" = 24VDC
"E" = 48VDC

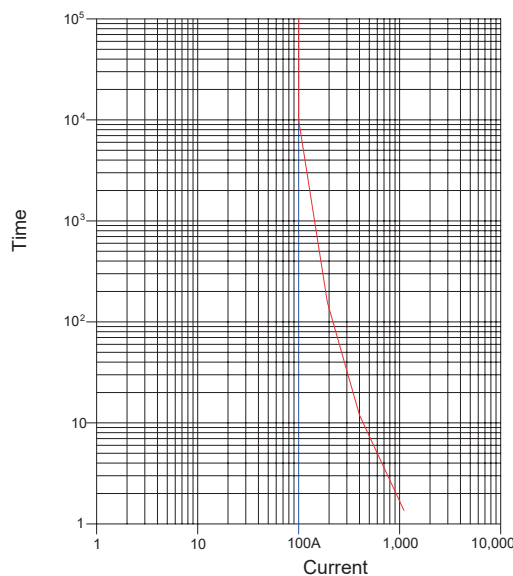
Options (applied in this order):
Blank = Std. Options (Bottom Mount, Without Aux , Contact & Polarized Load Terminals)
"A" = With Aux. Contact (SPST-NO)
"S" = Side Mount Version
"N" = Non-Polar Load Terminals

Sealing Type: Epoxy/Resin

- ✓ Compact design, optional auxiliary contacts available
- ✓ Bi-directional options



Current Carry Curve



ALEV100

B

N



www.powell.com



800-235-7880



altraninfo@powell.com

**High Voltage DC Contactor
AREV250 Series
400A+/900VDC**



Product Data Sheet

Features

HIGH CURRENT CARRY AND HIGH VOLTAGE

Inert gas filled arc chamber suitable for high voltage switching

COMPACT STRUCTURE, LOW NOISE

Small, low-profile design with low noise while carrying or switching loads

COIL ECONOMIZER

Economized coil for low power consumption

SAFE FOR EXPLOSIVE ENVIRONMENTS

No arc leakage due to a hermetically sealed design

HIGH RELIABILITY DESIGN

Hermetic sealing creates a stable environment for high voltage switching

NO SPECIFIC MOUNTING ARRANGEMENT

Mountable in any orientation without reduction of performance

VARIOUS APPLICATIONS

Battery disconnect, EV charging, energy storage systems, photovoltaics, power control, circuit protection and much more

Sealing Type: Epoxy/Resin

- ✓ Normally closed
- ✓ Side mount available
- ✓ Dual coil available
- ✓ Bi-directional options



Certification Information

1. Meet RoHS (2011/65/EU)
2. CE Certified
3. UL pending

Nomenclature

AREV250

-

M

AN

Series code:
"AREV250" = AREV250

Type Code:
Blank = Main Contacts (NO)
"NC " = Main Contacts (NC)

Coil Voltage Code:
Standard Coils (w/Economizer):
"M" = 12 - 24 V DC
"E" = 48 VDC
"G" = 48 - 72 VDC

Dual Coil Options:
"B" = 12 VDC, Internal Coil Suppression
"C" = 24 VDC, Internal Coil Suppression
"E" = 48 VDC, Internal Coil Suppression

Options:
Blank = Std. Options (Bottom Mount, Without Aux. Contact & Polarized Load Terminals)
"S" = Side Mount
"A" = With Aux. Contact (SPST-NO)
"B" = With Aux. Contact (SPST-NC)
"C " = With Aux. Contact (SPDT)
"N" = Non-Polar Load Terminals



www.powell.com



800-235-7880



altraninfo@powell.com