

Enclosed IEC and NEMA starters

Product overview



Description

AF09 – AF750 and AFN00 - AFN4

- Maximum UL/CSA horsepower ratings
- Available with non-reversing, reversing, two speed one winding and two speed two winding
- Available in non-combination and combination
- Available in UL type 1,3R,12, 4, and 4X stainless steel enclosures
- Available with non-fusible or fusible disconnect switches and thermal magnetic circuit breaker
- Compact space saving design
- Standard auxiliary contact configurations: AF09 – AF750 (AFN00-AFN4) 1 N.O. & 1 N.C.
- Double break contact design
- Lowest possible contact bounce
- Operates over an extended voltage range of 85% to 110% of rated control voltage

Overload relay protection

Starters, sizes AF09 – AF300 (AFN00-AFN4), have Class 10 adjustable thermal bimetallic overload relay protection as standard.

Sizes AF400 – AF750, have selectable Class 10, 20, 30 adjustable electronic overload relay protection as standard.

Optional electronic overload relay protection is available for all starter sizes.

Field modification kits

Offers a wide variety of pilot device kits for non-reversing, reversing, two speed one winding and two speed two winding starters.

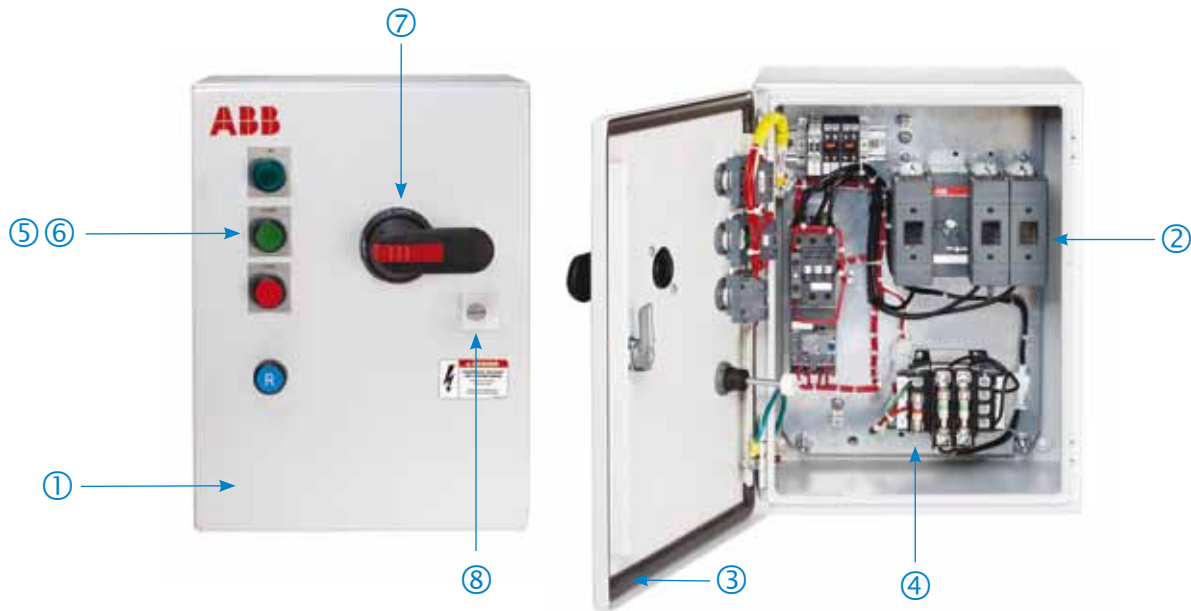
Control circuit transformer kits are also available with the following voltages:

Control Voltage	200-208	230-240	460-480	575-600
120V AC @ 50/60 Hz	A	B	C	D
24V AC @ 50/60 Hz	E	F	G	H

The field kits are pre-wired, ready to operate, making installation easy and reliable

General information

Features and benefits



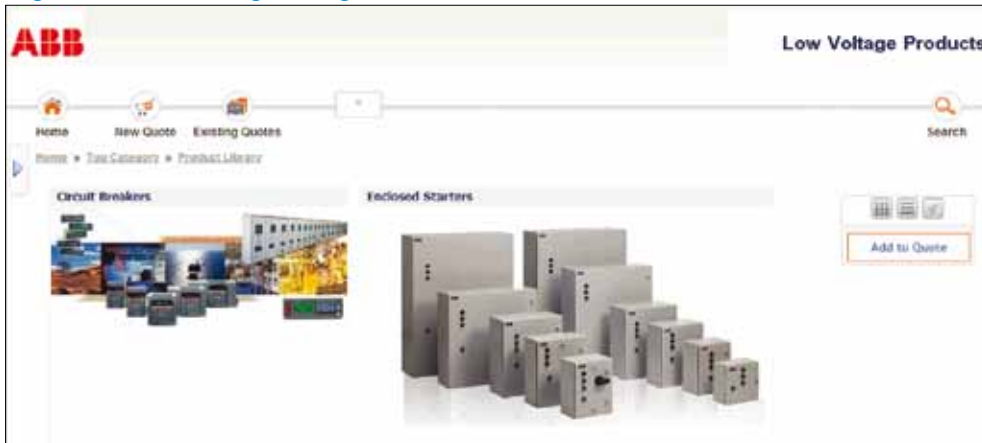
Features and benefits

1. Durable protective finish (carbon steel enclosures)
 - Industry exclusive electrophoretic dip coat prime
 - Power coated surface for added protection
2. Flange trough collar opening
 - Channels liquids and dust away from enclosure gasket and enclosure interior
3. Seamless foamed-in-place gasket
 - Provide secure seal against contaminants
 - Ensures a dust tight and water tight seal
4. Pre-drilled mounting plate
 - Easy mounting for control circuit transformer kit
5. Rugged and compact 22 mm pilot devices
 - Meets UL/NEMA Type 1, 3R, 4, 4X, 12, 13
6. Convenient hole plugs for pilot device control
 - Allows for quick installation of pilot device kit
7. Disconnect handle accepts 3 -3/8" padlocks in off position for safe maintenance
8. Quarter turn enclosure latches
 - Allows for quick entry and proper sealing of enclosure

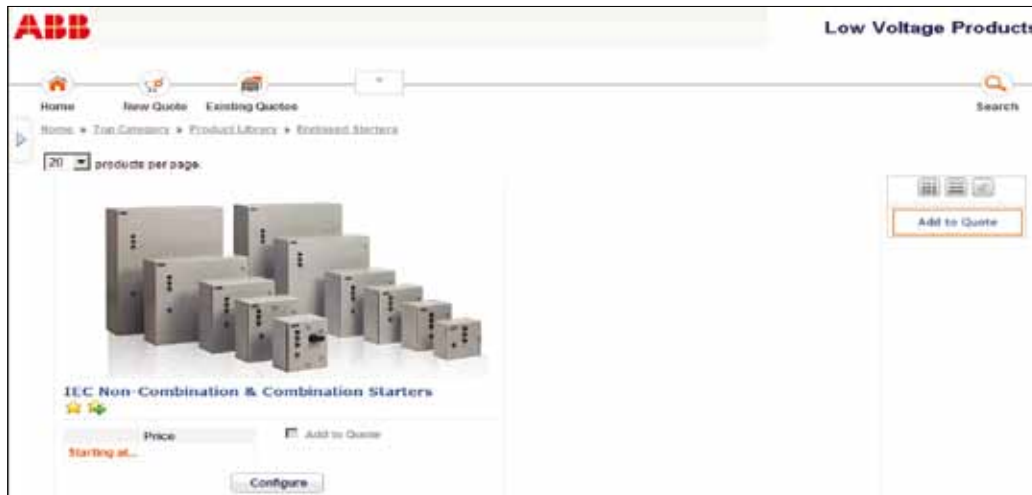
Product configurator

Customers can login to the LVP CPQ guest login (<http://v6.webcomcpq.com/mt/abblp>) and ABB reps, distributors and ABB sales should login to abb @work to access the product configurator.

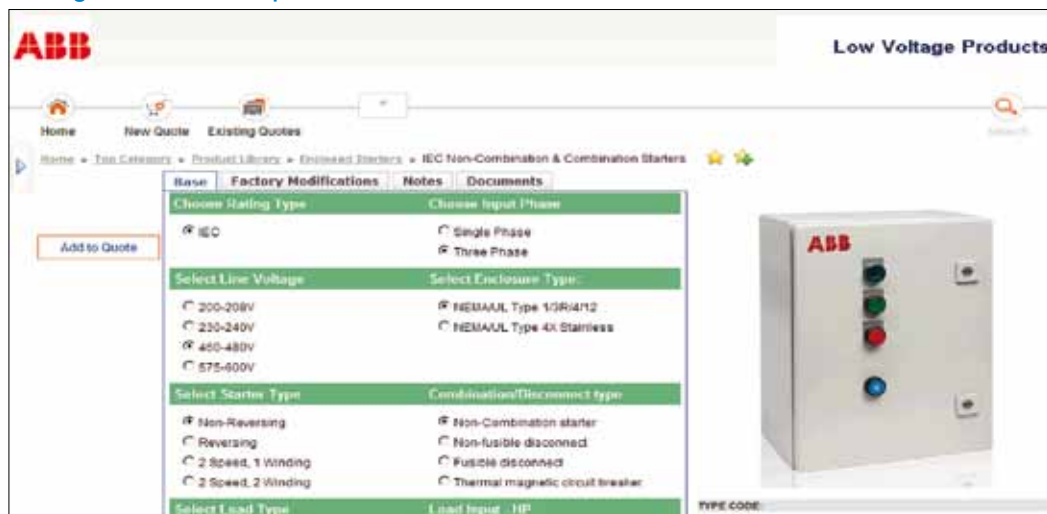
1. Login to the LVP CPQ guest login.



2. Configure product.



3. Configure the catalog number using radial buttons and pull down menus to generate a valid catalog number and list price.



Contact us

ABB Inc.

Low Voltage Control Products
16250 W. Glendale Drive
New Berlin, WI 53151
Phone: 888-385-1221
Fax: 800-726-1441

USA Technical Support & Customer Service:

888-385-1221, Option 4
7:30AM to 5:30PM, CST,
Monday - Friday
lvps.support@us.abb.com

Web: www.abb.us/lowvoltage