



ABB Low Voltage Products

AF Contactor Range

Connect to control

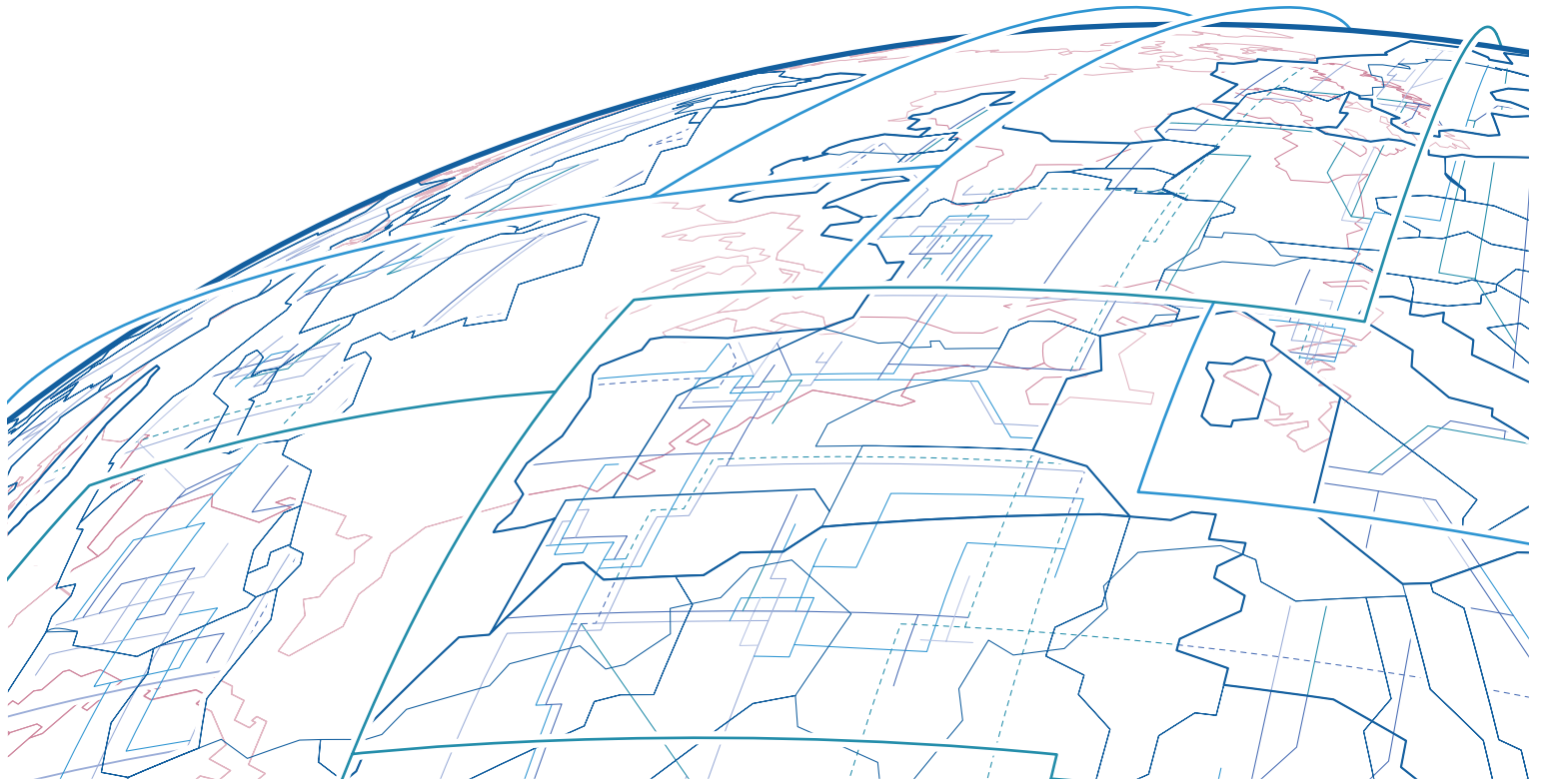
Power and productivity
for a better world™



A complete solution

Backed by ABB's global support

ABB is a \$42 billion global company, focused on innovation and eco-friendliness. The ABB Group of companies operates in over 100 countries with 150,000 employees worldwide.



The latest technology Already our standard

Years of research and field experience resulted in the new generation of AF contactors. The AF technology signifies a major advance in motor control and power switching and is standard across the entire range. ABB AF contactors help to secure reliability, improve installation efficiency and increase productivity.



Four coils. Endless possibilities.



Secure operation **Reliability**

- AF contactor continuously monitors current and voltage during closing, holding and opening sequences
- The electronic coil ensures distinct operation while reducing chattering and humming
- Built-in surge suppression totally filters surges and eliminates clipping voltage, unlike conventional surge protection accessories

Improve installation **Efficiency**

- AF contactor covers the entire offered voltage range for both AC and DC control with only 4 coils, whereas competitive brands often require up to 50 coils
- Simple solution for design planning and assembly with snap-on functionality on all accessories
- Contactors up to 96 A offer free choice of coil terminal position and take side and front-mounted auxiliary contact blocks

Increase application **Productivity**

- No more welding contacts due to sags, dips or surges from the network or load
- Reduces low voltage switchgear energy losses by up to 28%
- Reduced downtime and increased service life of your operation equipment



Width reduced by up to 30%

Electronic coil ensures distinct operation even in unstable networks

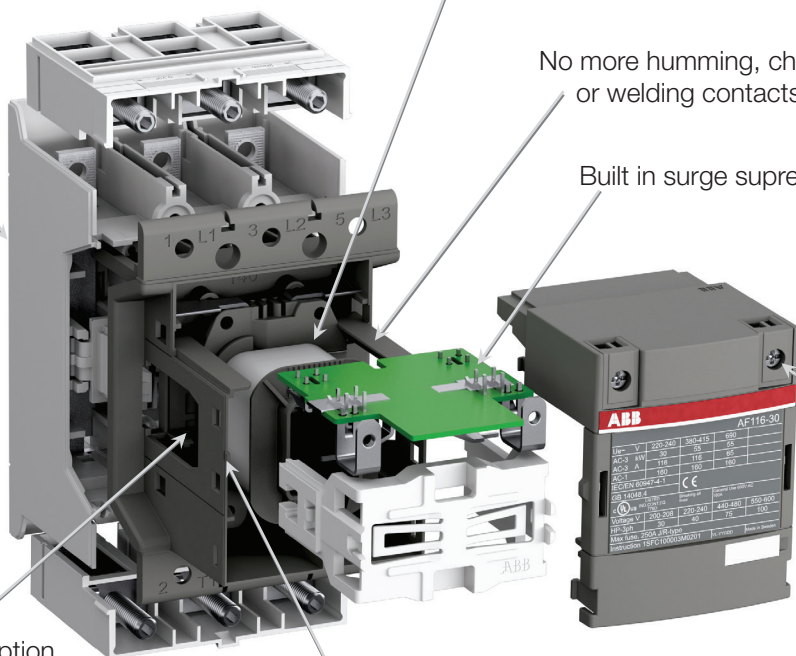
No more humming, chattering or welding contacts

Built in surge suppression

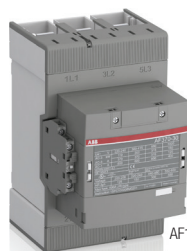
Coil terminal access on front for entire range

Coil energy consumption reduced by up to 80%

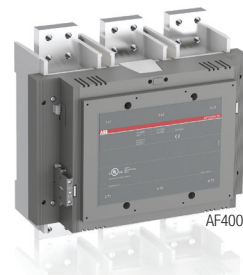
4 AC/DC coils for entire voltage range



AF09 - AF96



AF116 - AF370



AF400 - AF2650



	Small range	Medium range	Large range
Motor Ratings	5-60HP @ 480V	75-300HP @ 480V	350-900HP @ 480V
General Use Ratings	25-115A @ 600V	160-400A @ 600V	550-2700A @ 600V
Accessories	Front- and side-mounted auxiliary contact blocks	Side mounted auxiliary contact blocks with no additional width ¹	Side mounted auxiliary contact blocks with no additional width ¹
Control Voltage with Four Coils	24-500V AC; 20-500V DC	24-500V AC; 20-500V DC	48-500V AC; 24-500V DC

AF Technology Inside

Wide voltage range; 100-250V AC/DC is covered by a single coil

Reliable in all networks conditions

Built-in surge suppression

Reduced coil consumption

Ambient temperature -40°C ... +70°C

Compact design with multiple motor starting solutions²

¹ Up to two (1NO+1NC) contact auxiliary contact blocks

² No spacing between contactors for mechanical interlock up to AF370

Contact us

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