Global Short Circuit Current Ratings



IEC Motor Control Solutions

Global SCCR Solutions:

Motor Starters:

- 3 Component Starter: Motor Circuit Protector + Contactor + Overload Relay
- 3 Component Starter: Fuse + Contactor + **Overload Relay**
- 2 Component Starter: Motor Protection Circuit Breaker + Contactor
- 2 Component Load-feeder: Molded Case Circuit Breaker + Contactor

Branch Circuit Protection:

- Fuses
- Circuit Breakers

DOL, Reversing and Star-delta Configurations

Motor Sizes:

- 1/2...300 Hp
- 0.16...400 kW

Global Voltages:

- 380...400V, 50 Hz
- 415V, 50 Hz
- 440V, 50 Hz
- 460V (480 Line), 60 Hz
- 500V, 50 Hz
- 525V, 50 Hz
- 575V (600 Line), 60 Hz
- 690V, 50 Hz

Standard Compliance:

- UL 508 Standard and High Fault SCCR
- UL 508 Combination Motor Controllers
- IEC 60947-4-1 Type 1 and Type 2 short circuit coordination
- UL listing and certification









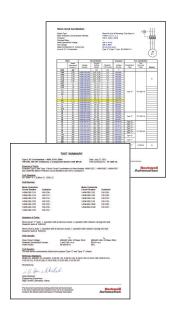
MCS Motor Control Family

Overview

Determining the Short Circuit Current Rating of a complete electrical panel can be very challenging, especially if proper considerations are not made during the initial stages of the component selection process.

Rockwell Automation has developed global **SCCR Selection Tables** for IEC Motor Starters based on common global motor voltages (50/60 Hz) and short circuit current rating fault levels. These tables provide a *One-Line Bill of Material* to quickly select motor starter components over a wide range of HP or kW ratings based on common SCCR application requirements.

In addition, Test Summary Letters are available that summarize the test parameters used to cover the applicable motor starter configuration, motor voltage and short circuit fault rating. These Test Summary Letters are based on compliance to IEC and UL standards, and are in most cases covered by third party witness by Underwriters Laboratories and conducted in Rockwell Automation accredited test facilities.



SCCR Selection Table & Test Summary Letter



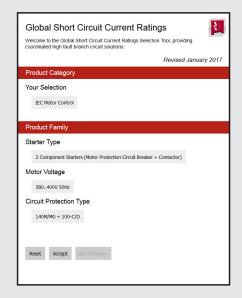


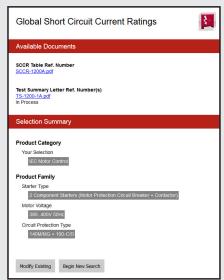


Global SCCR Selection Tool – NEW! Access on the Web

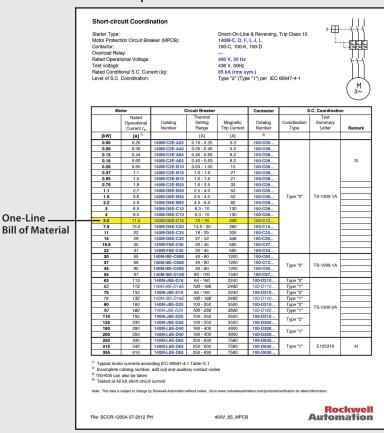
www.rockwellautomation.com/go/etools





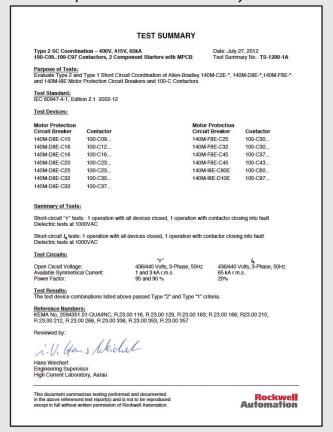


MCS 2 Component Starter Selection Table*



${\tt *SAMPLES\,ONLY,go\,to\,www.rockwellautomation.com/go/etools\,for\,current\,documentation.}$

MCS 2 Component Starter Test Summary Letter*



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