Global Short Circuit Current Ratings



PowerFlex® Low Voltage AC Drives

Global SCCR Solutions:

Drive Family:

- PowerFlex 525 AC Drive
- PowerFlex 4M AC Drive
- PowerFlex 4 AC Drive
- PowerFlex 750 AC Drive

Branch Circuit Protection:

- Fuses
- Circuit Breakers

Motor Starting Characteristics:

- Standard Duty
- Heavy Duty

Motor Sizes:

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

Global Voltages:

- 220V, 50 Hz
- 230V, 60 Hz
- 380...400V, 50 Hz
- 415V, 50 Hz
- 440V, 50 Hz
- 460V (480 Line), 60 Hz
- 500...525V, 50 Hz
- 575V (600 Line), 60 Hz
- 690V, 50 Hz

Available Fault Levels:

• 65 kA and 100 kA

Standard Compliance:

- UL 508A Standard and High Fault SCCR
- UL 508C SC test requirements
- IEC 60947-4-1 Type 1 and Type 2 short circuit coordination
- UL listing and certification



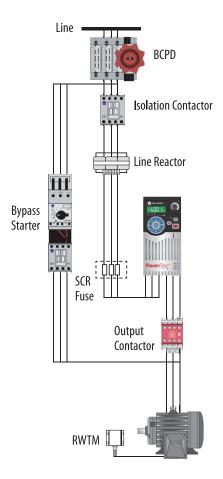
PowerFlex 525 Family

Overview

Rockwell Automation has developed global SCCR Selection Tables for Component Drive circuits based on common global motor voltages (50/60 Hz) and short circuit current rating fault levels. These tables allow users the capability to select drive circuit components over a wide range of HP or kW ratings based on common voltage and SCCR application requirements.

Simply select the proper application parameters as prompted by the RockwellAutomation.com web tool to locate the correct SCCR Selection Table, then read the One-Line Bill of *Material* for the desired motor rating. Both component selection and short circuit coordination is complete.

The selection tables 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.



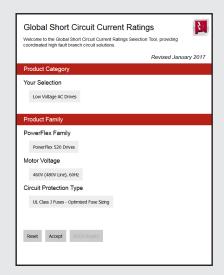




Global SCCR Selection Tool – NEW! Access on the Web

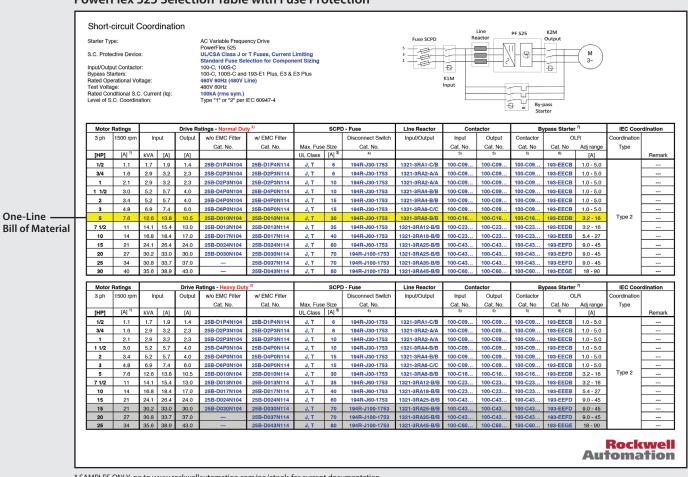
www.rockwellautomation.com/go/etools







PowerFlex 525 Selection Table with Fuse Protection*



* SAMPLES ONLY, go to www.rockwellautomation.com/go/etools for current documentation.

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