

Technical data IEC/EN

Data at $T_A = 40\text{ °C}$ and at rated values, if nothing else indicated

Main circuit

EF460, EF750	
Rated operational voltage U_e	1000 V AC - V DC
Setting range - electronic overload protection	see table on page 1
Rated operational current AC-3 I_e	see upper value of setting range, table on page 3
Trip class	10E, 20E, 30E, selectable
Rated frequency	50/60 Hz
Number of poles	3
Resistance per pole	see table on page 3
Power loss per pole	see table on page 3
Short-circuit protective devices	see table on page 3

Isolation data	
Rated impulse withstand voltage U_{imp}	8 kV
Rated insulation voltage U_i	1000 V
Pollution degree	3
Overvoltage category	up to III

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Full load amps and short-circuit protective devices

Type	Full load amps (FLA)	Short circuit protective devices			
		600 V AC SCCR	Fuse J	600 V AC SCCR	Circuit breaker
EF460-500	500 A	100 kA	refer to AF	refer to AF	refer to AF
EF750-800	800 A	100 kA	refer to AF	refer to AF	refer to AF

Main circuit

Maximum operational voltage	600 V AC
Trip rating	125 % of FLA
Full load amps (FLA)	see table above
Short-circuit rating RMS symmetrical	see table above
Short-circuit protective devices	see table above

Auxiliary circuit

Conventional thermal current	6 A
Making and breaking capacity	NC / NO B600, Q600

Electrical connection

Connecting capacity	stranded	1x	AWG 18 ... 10
		2x	AWG 18 ... 10
	flexible	1x	AWG 18 ... 10
		2x	AWG 18 ... 10
Stripping length	9 mm		
Tightening torque	7 ... 11 lb.in		
Recommended screw driver	Pozidriv 2		