

Specifications

Main Power Poles — Max. AC Voltage and Amp Rating

Load Type	Continuous Ampere Rating [A]	Poles	
		1-Phase	3-Phase
Ballast	30	347V AC	600V AC
General Use	30	600V AC	600V AC
Tungsten	20	277V AC	480V AC
AC Resistive	30	600V AC	600V AC

Control Circuit Characteristics

Coil	
Description	Ratings [VA]
Inrush	248
Sealed	28

Control Module Characteristics

Control Module		
Description	Ratings	
Min. pulse duration (3-wire control module)	250 ms	
Max. allowable leakage current	1.8 mA	
EMI	35 V/m	
Surge transient peak	6 kV	
Frequency range	40...70 Hz	
Input Voltage	Steady State Current @ Rated Voltage (mA)	Max. VA
12...24V DC	42	2
24V AC	80	5
115...120V AC	83	12
200...277V AC	91	30

Wire Size

Component	No. of Cables	Wire Range AWG (Solid or Stranded)	Wire Temp.
Power Poles	1	#14...8	75°C Cu
	2	#14...8*	75°C Cu
Coil	1 or 2	#18...14	60°/75°C Cu
Control Module	1 or 2	#22...12	60°/75°C Cu
Auxiliary Switch	1 or 2	#22...12	60°/75°C Cu

* #8 AWG stranded only.

Auxiliary Contact Rating

A600, 24V DC, 24VA

Ambient Temperature

-25...+40°C (-13...+104°F) — Operating

-30...+65°C (-22...+149°F) — Storage

Short Circuit Current Rating

Available Symmetrical Amperes RMS				
At AC Service Voltage	When used with molded case circuit breakers contained in UL67 listed panelboards		Fuse (30 A)	
	Short Circuit Current Rating [A]	Max. Breaker Size [A]	SCCR J Fuse	SCCR RK1 Fuse
240V	14 000	30	100 kA	50 kA
277V	10 000	30		
480V	5000	40		
600V	5000	40		