

Engineering Data

- Meets MIL-R-6106 Type IV
- Weight: 10.5 ounces (284 g)
- Altitude:
 - Rated: 50,000 feet
 - Extended: 80,000 feet with encapsulated terminals
- Ratings:
 - Voltage: 115/200V, 400 Hz, 3Æ
 - Load Ratings:
 - Resistive: 60 Amps
 - Inductive: 60 Amps
 - Motor: 40 Amps
 - Minimum Current: 4 Amps
 - Rupture: 400 Amps
- Environmental Seal: MIL-STD-202, METHOD 112 Test Condition C Procedure IV
- Seal: 6 x 10-4 STD CC/SEC
- Economizer Coil: 30 Vdc
 - Inrush: 1.25 Amps (20 milliseconds max)
 - Steady State: 0.25 Amps

Power Contact Ratings (Continuous Duty)①

	115/200 Vac 400 Hz	28 Vdc
• Resistive	60 A.	20 A.
• Inductive	60 A.	10 A.
• Motor	40 A.
• Minimum Current	4 A.
• Rupture	400 A.
• Contact Drop		
- Initial	0.150 V Max.
- After Life Test	0.175 V. Max.
• Contact Bounce	2 Milliseconds	

① DC ratings are maximum overload capability. By wiring two poles in series, 28 Vdc rating can be increased to the same as the full AC ratings.

Options

- AC operated coils
- Encapsulated terminals
- Internal coil suppression
- Suitable for synchronized power supplied transfer

Selection Table

Poles and Throw-Circuit	Number of Auxiliary Contacts 1 P.D.T.	Government Type Number M6106	Catalog Number
3 P.S.T.-N.O.	—	/10-001	SM15AWD1
	1	/10-002	SM15AXD1
3 P.S.T.-N.C.	—	/11-001	SM15BWD1
	1	/11-002	SM15BXD1
3 P.D.T.	—	/9-001	SM15CWD1
	1	/9-002	SM15CXD1
3 P.S.T.-N.O.	—	10-005*	SM15AWD3

* Unit supplied with internal coil suppression. 45 V max. peak inverse voltage.



Typical Wiring Diagrams

