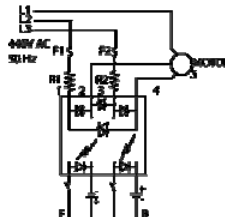


Three Phase Motor Reversing
SSR (480VAC) 10 ~ 40 Amps

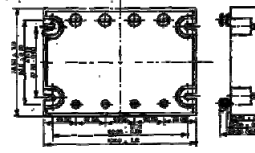
INPUT : DC Control,
OUTPUT : Triac



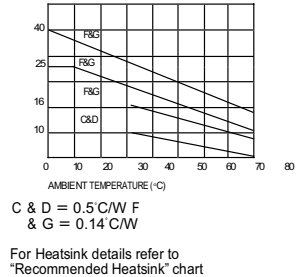
Schematic



Mechanical Drawing



Derating Curve



Salient Features

- Opto Isolation 2500 VAC • Voltage Range 50 to 480 Vac • Load Current 2x10A/16A/25A/40A
- Reverse Polarity Protection for DC Input Control • Interlocking Protection included.

Electrical Specification @ TA = 25°C

Note: For Random T - On SSR, add letter 'K' in place of 'J'.

ELECTRICAL SPECIFICATIONS			PRODUCT PART NUMBERS			
Parameter	Symbol	Unit	012 RJDA 481000	012 RJDA 481600	012 RJDA 482500	012 RJDA 484000
Control Volt Range		Vdc	4-32	4-32	4-32	4-32
Control Curr Range		m A	80	80	80	80
Pick-Up Voltage		Vdc	4.0	4.0	4.0	4.0
Drop-Out Voltage		mA	1.0	1.0	1.0	1.0
Input Resistance			Current Regulator	Current Regulator	Current Regulator	Current Regulator
Rms On State Current	I_T	A	10	16	25	40
Mains Control Volt	Vrms	Vac	50-480	50-480	50-480	50-480
Peak Off State Voltage	Vdrm	Vpk	800 ~ 1200	800 ~ 1200	800 ~ 1200	800 ~ 1200
Off State Leakage Curr	Idrm	mA	10	10	10	10
Zero T-On Voltage		Vpk	20	20	20	20
On state Voltage Drop	V_{TM}	Vac	1.6	1.6	1.85	1.85
Peak one Cycle Surge Curr (Non Rep)	I_{TSM}	A	100	160	250	350
Holding Current	I_H	m A	100	100	250	250
Critical Rate of Rise of Off State Voltage	dv/dt	V/μs	200	200	250	250
Thermal Resistance	R_{TH}	°C/W	3.5	2.5	1.5	1.0
Frequency Range	f	Hz	47 ~ 63	47 ~ 63	47 ~ 63	47 ~ 63
Turn-On	T-On	ms	10	10	10	10
Turn-Off	T-Off	ms	10	10	10	10
Operating Temp	T Oper	°C	- 30 to + 80	- 30 to + 80	- 30 to + 80	- 30 to + 80
Fusing Current	I_T^2	A²S	50	120	260	560