

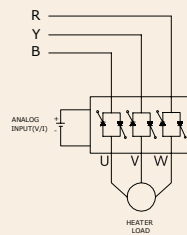
Series: 012 PAC 3P

Phase Angle Control SSR 3Ph (480VAC)
10~40Amps

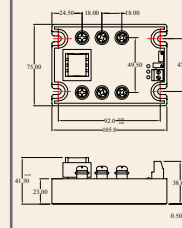
INPUT : 4~20 mA / 0~10 V
OUTPUT : SCR



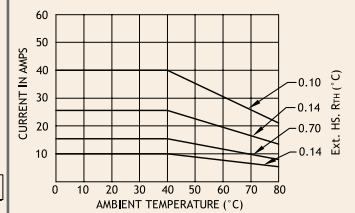
Schematic



Mechanical Drawing



Derating Curve



Salient Features

- Opto Isolation 2500 VAC
- Input Control 0~10 Vdc or 4~20 mA
- Built in Power Supply
- Built - In Snubber
- Panel Mountable

ELECTRICAL SPECIFICATION @ TA = 25°C			PRODUCT PART NUMBERS			
PARAMETER	SYMBOL	UNIT	012 PAC 3P 481010/42	012 PAC 3P 481610/42	012 PAC 3P 482510/42	012 PAC 3P 484010/42
INPUT						
Control Voltage Range		Vdc	0-10	0-10	0-10	0-10
Control Current Range		mA	4~20	4~20	4~20	4~20
OUTPUT						
RMS on state Current	I _T	A	10	16	25	40
Mains Control Voltage	V _{rms}	Vac	48-480	48-480	48-480	48-480
Rep Peak Off state Voltage	V _{drm}	Vpk	800	800	800	800
Peak one cycle surge Current (Non-Rep)	I _{TSM}	A	83	300	300	800
On state Voltage Drop	V _{TM}	Vac	1.6	1.6	1.6	1.6
Off state Leakage current	I _{drm}	mA	5	5	5	5
Critical Rate of Rise Off state Voltage	dv/dt	V/μs	200	300	300	475
Holding Current	I _H	mA	30	50	50	50
Fusing Current	I ² T	A ² s	41	510	510	3745
Thermal Resistance	R _{TH}	°C/W	3.0	2.35	2.35	0.86
Turn-On	T-On	ms	1.0	1.0	1.0	1.0
Turn-Off	T-Off	ms	10	10	10	10
Frequency Range	f	Hz	47~63	47~63	47~63	47~63
Operating Temp	T Oper	°C	-30 to +80	-30 to +80	-30 to +80	-30 to +80

