



800xA for TRIO/Genius

Getting Started

System Version 6.0

Power and productivity
for a better world™



6248B Relay Output Block Specifications

Table 8. 6248B Relay Output Block Specifications

Characteristics	Specifications
Physical Characteristics:	
Block Type:	16 circuit relay output in 4 isolated groups of 4
Relay Type:	Fixed coil moving armature
Typical Life:	
dc (2 amps at 30 volts):	500,000 operations
ac (.5 amp at 250 volts):	100,000 operations
Block Power Supply:	115 V ac 230 V ac
Operating Voltage:	93 to 132 V ac 185 to 265 V ac
Frequency:	47 to 63 Hz 47 to 63 Hz
Power Supply Dropout Time:	1 cycle
LEDs (I/O Block):	Unit OK, I/O Enabled
LEDs (Each Circuit):	Individual relay coil state
Block to Block Isolation:	1500 V
Insulation Resistance:	2.2 Megohms minimum
Terminal Wiring Sizes:	One AWG #22 to AWG #14
Weight:	4 lbs. (1.8 Kg)
Heat Dissipation:	10.1 Watts maximum with 16 outputs
Environmental:	
Operating Temperature:	-25° C to +60° C (-13° F to +140° F)
Storage Temperature:	-40° C to +100 °C (-40° F to +212° F)
Humidity:	5% to 95% (non-condensing)

Table 8. 6248B Relay Output Block Specifications

Characteristics	Specifications
Output Characteristics: Maximum Output Current: Maximum Switching Power: Maximum Inrush Current: Output OFF Leakage Current: Maximum Switching Frequency: Output Turn-on Delay (Maximum): Output Voltage Range: Minimum Recommended Load:	2 amps per circuit 60 Watts or 125 VA 2 amps per circuit 0.1 mA 20 cycles/minute (inductive loads) 5 mSec 5 to 250 V ac or 5 to 220 V dc 10 mA
<u>Catalog Number Information</u> 6248BP10811 6248BP10821 6248BP10831 6248BP10812 6248BP10822 6248BP10832	<u>Description</u> 115/230 V ac Normally Open (Complete Unit) 115/230 V ac Normally Open (Electronics Assembly Only) 115/230 V ac Normally Open (Terminal Assembly Only) 115/230 V ac Normally Closed (Complete Unit) 115/230 V ac Normally Closed (Electronics Assembly Only) 115/230 V ac Normally Closed (Terminal Assembly Only)