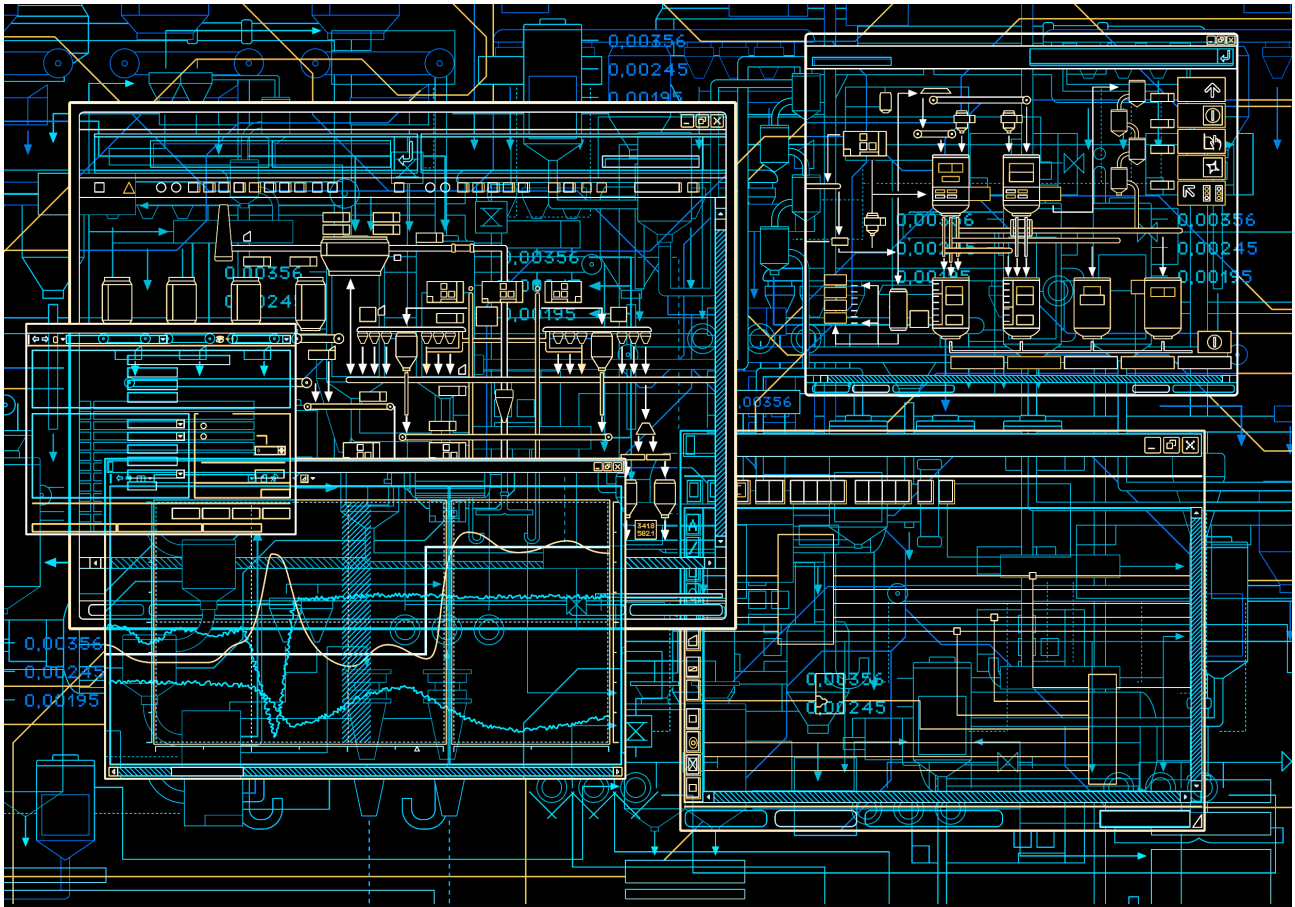

800xA for TRIO/Genius

Getting Started

System Version 6.0

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