

AC Output Modules

P3-08TAS \$217.00

Isolated Output

The P3-08TAS AC Output Module provides eight 100-240 VAC isolated outputs with eight fused commons.



Terminal block sold separately; terminal block cover included with module.

Output Specifications	
Outputs per Module	8
Operating Voltage Range (Tolerance)	(CE) 100-240 VAC (-15% / +10%)
	(UL) 100-240 VAC (-20% / +20%)
Maximum Output Current @ Temp	1A / point @ 40 °C 0.7A / point @ 60 °C
AC Frequency	47-63 Hz
Minimum Load (TYPE 2)	10 mA
Maximum Leakage Current (TYPE 2)	4 mA @ 264 VDC
On Voltage Drop	1.5 VAC @ > 50 mA 4.0 VAC @ < 50 mA
Maximum Inrush Current	10A for 10 ms
OFF to ON Response	1 ms + 1/2 cycle
ON to OFF Response	1 ms + 1/2 cycle
Status Indicators	Logic Side (8 points)
Error Status Indicator	Blown Fuse (one for each point)
Terminal Type (not included)	20-position removable terminal block
Commons	8 Isolated (1 point / common)
Fuses	3.15A user replaceable fuse per common For replacement, order P3-FUSE-1. (Qty. 5/pkg.)

General Specifications	
Operating Temperature	0 to 60 °C (32 to 140 °F),
Storage Temperature	-20 to +70 °C (-4 to +158 °F)
Humidity	5 to 95% (non-condensing)
Environmental Air	No corrosive gases permitted
Vibration	IEC60068-2-6 (Test Fc)
Shock	IEC60068-2-27 (Test Ea)
Field to Logic Side Isolation	1500 VAC applied for 1 minute
Insulation Resistance	>10 MΩ @ 500 VDC
Heat Dissipation	12.46W
Enclosure Type	Open equipment
Module Keying to Backplane	Electronic
Module Location	Any I/O slot in any local, expansion, or remote base in a Productivity3000 system.
Field Wiring	Removable terminal block (not included). Use ZIPLink wiring system or optional terminal block. See Wiring Solutions.
Weight	125g (4.41 oz)
Agency Approvals	UL508 file E157382, Canada & USA UL1604 file E200031, Canada & USA CE (EN61131-2*) This equipment is suitable for use in Class 1, Division 2, Groups A, B, C and D or non-hazardous locations only.

*Meets EMC and Safety requirements. See the Declaration of Conformity for details.

We recommend using prewired ZIPLink cables and connection modules. See Wiring Solutions.

Terminal block cover included. If you wish to hand-wire your module, a removable terminal block is sold separately. Order part number P3-RTB.



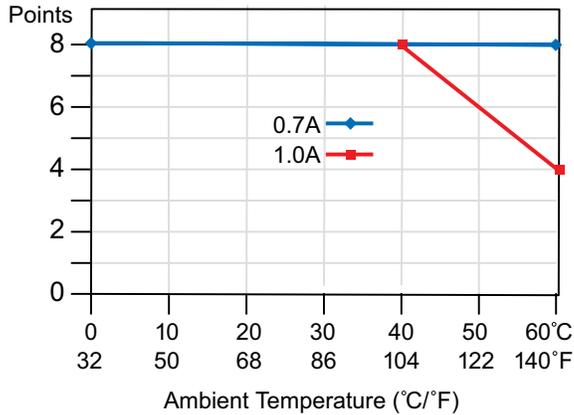
WARNING: EXPLOSION HAZARD – SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2.

Removable Terminal Block Specifications	
Description	Part No. P3-RTB; 20 screw terminals
Wire Range	22-14 AWG (0.324 to 2.08 sq. mm) Solid / stranded conductor 3/64in (1.2mm) insulation maximum USE COPPER CONDUCTORS, 60 °C or equivalent.
Screw Driver Width	1/4in (6.5mm) maximum
Screw Size	M3 size
Screw Torque	Field terminals - 7-9 in-lb (0.882-1.02 N-m) Self-jacking screws - 2.7-3.6 in-lb (0.3-0.4 N-m). Do not overtighten screws when installing terminal block.

AC Output Modules

P3-08TAS (cont'd)

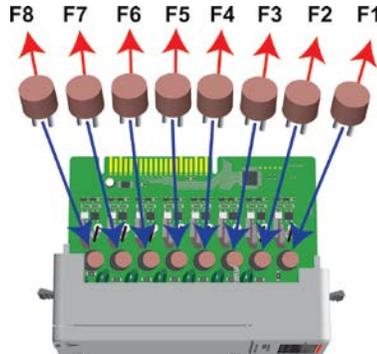
Derating Chart



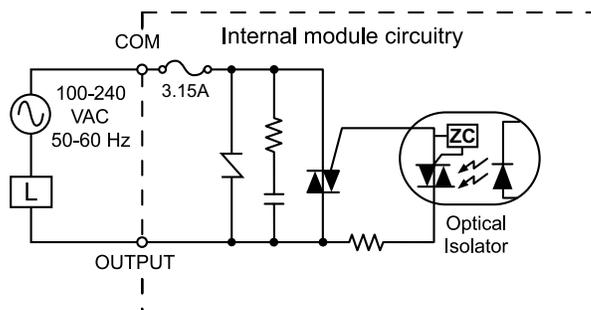
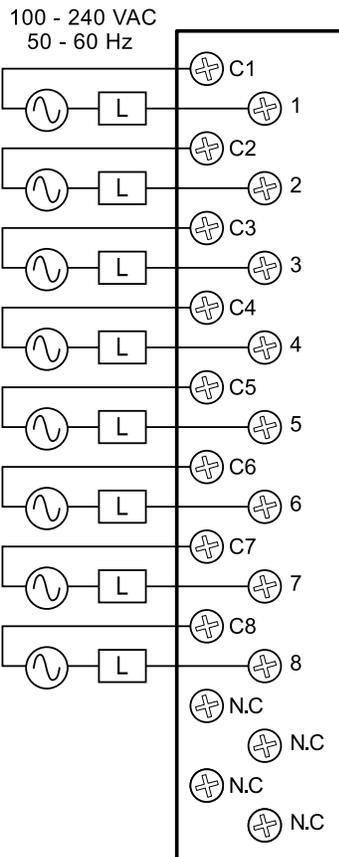
		Current	
		1.0A	0.7A
Temp	0	8	8
	40	8	8
	60	4	8

Replaceable Fuses

Order Part Number P3-FUSE-1
(Qty. 5 per pkg.) One spare included with module.



Wiring Diagrams



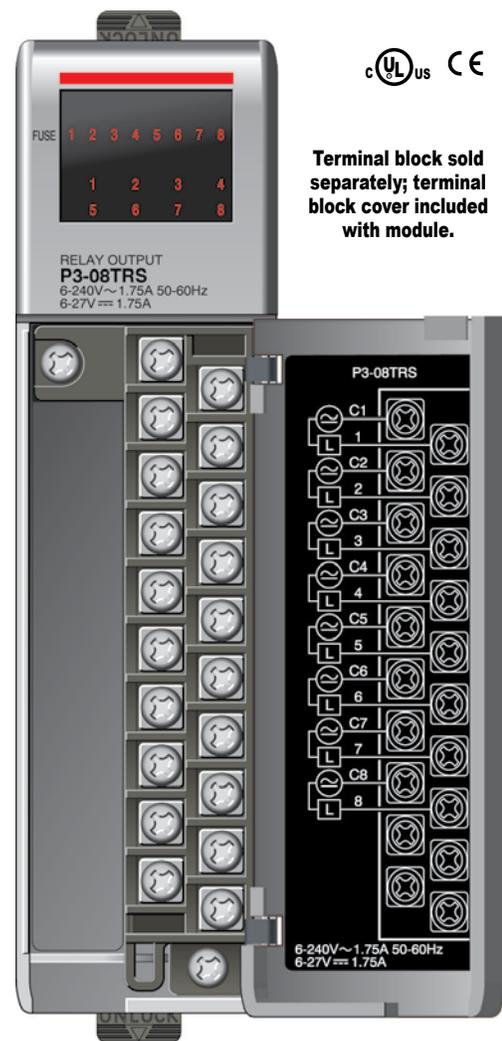
Relay Output Modules

P3-08TRS

\$191.00

Isolated Relay Output

The P3-08TRS Isolated Relay Output Module provides eight 1.75 A relay outputs with eight fused commons and blown fuse indicators.



Terminal block sold separately; terminal block cover included with module.

Typical Relay Life	
Voltage & Type of Load	Load Current 2A
30 VDC Resistive	150K
30 VDC Solenoid	75K
120 VAC Resistive	210K
120 VAC Solenoid	140K
240 VAC Resistive	150K
240 VAC Solenoid	100K

We recommend using prewired **ZIPLink** cables and connection modules. See Wiring Solutions.

Terminal block cover included. If you wish to hand-wire your module, a removable terminal block is sold separately. Order part number [P3-RTB](#).



Output Specifications	
Outputs per Module	8
Operating Voltage Range (Tolerance)	(CE) 6.25–24 VDC (-15% / + 20%) 6–240 VAC (-15% / + 10%)
	(UL) 6–27 VDC (-15% / + 10%) 6– 240 VAC (-10% / + 10%)
Output type	Relay, form A (SPST)
AC Frequency	47–63 Hz
Maximum Output Current @ Temp	1.75A per point @ 60 °C for both AC and DC
Minimum Load Current	5 mA @ 5 VDC
Maximum Inrush Current	4A for 10 ms
OFF to ON Response	≤10 ms
ON to OFF Response	≤ 10 ms
Status Indicators	Logic Side (8 points)
Error Status Indicator	Blown Fuse (one for each point)
Terminal Type (not included)	20-position removable terminal block
Commons	8 Isolated (1 point / common)
Fuses	3.15A user replaceable fuse per common For replacement, order P3-FUSE-1 . (Qty. 5/pkg.)

General Specifications	
Operating Temperature	0 to 60 °C (32 to 140 °F),
Storage Temperature	-20 to +70 °C (-4 to +158 °F)
Humidity	5 to 95% (non-condensing)
Environmental Air	No corrosive gases permitted
Vibration	IEC60068-2-6 (Test Fc)
Shock	IEC60068-2-27 (Test Ea)
Field to Logic Side Isolation	1500 VAC applied for 1 minute
Insulation Resistance	>10 MΩ @ 500 VDC
Heat Dissipation	3.04W
Enclosure Type	Open equipment
Module Keying to Backplane	Electronic
Module Location	Any I/O slot in any local, expansion, or remote base in a Productivity3000 system.
Field Wiring	Removable terminal block (not included). Use ZIPLink wiring system or optional terminal block. See Wiring Solutions.
Weight	135g (4.76 oz)
Agency Approvals	UL508 file E157382, Canada & USA UL1604 file E200031, Canada & USA CE (EN61131-2*) This equipment is suitable for use in Class 1, Division 2, Groups A, B, C and D or non-hazardous locations only.

*Meets EMC and Safety requirements. See the Declaration of Conformity for details.

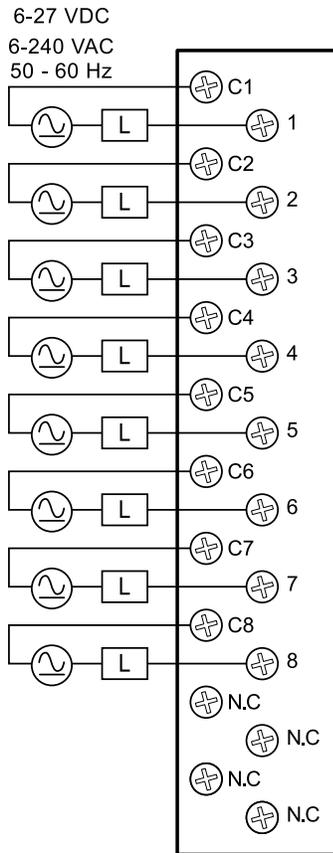
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Screw Driver Width	1/4in (6.5mm) maximum
Screw Size	M3 size
Screw Torque	Field terminals - 7–9 in-lb (0.882–1.02 N-m) Self-jacking screws - 2.7–3.6 in-lb (0.3–0.4 N-m). Do not overtighten screws when installing terminal block.

WARNING: EXPLOSION HAZARD – SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2.

Relay Output Modules

P3-08TRS (cont'd)

Wiring Diagrams



Replaceable Fuses

Order Part Number P3-FUSE-1.
(Qty. 5 per pkg.) One spare included with this module.

