Output Specifications				
Outputs per Module	15 sinking			
Output Type	N-channel MOSFET, open drain			
Voltage Rating	3.3-24 VDC			
Operating Voltage Range	2.9–26.4 VDC			
Maximum Output Current	1A per point / 8A per common			
Minimum Load Current	1mA			
Maximum Leakage Current	0.3 mA @ 30VDC			
On Voltage Drop	0.2 VDC @ 1A			
Maximum Inrush Current	4A for 50ms, 6A for 10ms			
OFF to ON, ON to OFF Response	≤0.5 ms			
Status Indicators	Logic Side (15 points)			
Commons Per Module	2 non-isolated			
Maximum Applicable Fuse	8A			
External Power Supply Required	12-24 VDC (-15% / +20%) @ 22mA			

Productivity 1000

Please note: \$US prices shown

For current \$AUD visit www.directautomation.com.au P1_15TR1 Cinking RP Authort

P1-15TD1 Sinking DC Output

P1-15TD1 13 14 15 3.3-24VDC SINK OUTPUT

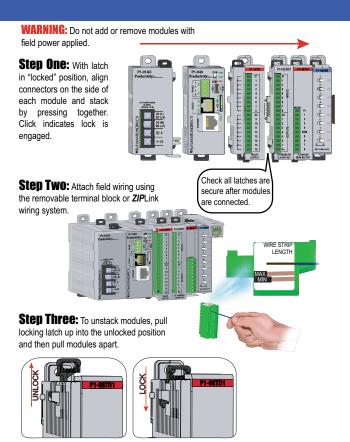
The P1-15TD1 DC Output Module provides fifteen outputs that sink up to 1A per point from loads powered by 3.3–24 VDC for use with the Productivity1000 system.

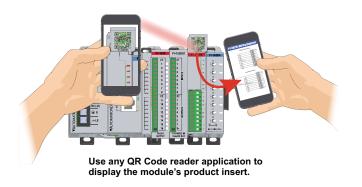
Output Specifications1	
Module Installation	
QR Code	
Wiring Options	
Schematic & Wiring Diagram	
General Specifications4	
Terminal Block Specifications	
Warning	

Terminal Block sold separately, (see wiring options on page 3). Warranty: Thirty-day money-back guarantee. Two-year limited replacement (See www.productivity1000.com for details).

Module Installation

QR Code



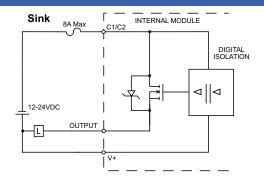


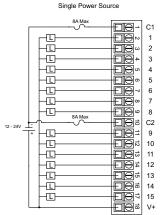
Wiring Options ZIPLink Feed Through Modules and Cables¹ ZIPINK VAUTOMATION DIRECT 7I -RTB20 ZL-RTB20-1 ZIRINK 0.5 m (1.6 ft) cable 7I -P1-CBI 18 1.0 m (3.3 ft) cable 0000000 ZL-P1-CBL18-1 2.0 m (6.6 ft) cable ZL-P1-CBL18-2 Terminal Block with pigtail cable ZL-P1-CBL18-1P 1.0 m (3.3 ft) cable ZL-P1-CBL18-2P 2.0 m (6.6 ft) cable Screw Terminal Block only P2-RTB (Quantity 1) Spring Clamp Terminal Block only P2-RTB-1 (Quantity 1) Accessories² ZL-RTB-COM TW-SD-SL-1 TW-SD-MSL-1

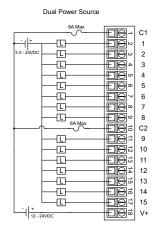
1.Cable + **ZIP**Link Module = Complete System

2. ZL-RTB-COM provides a common connection point for power or ground

P1-15TD1 Schematic and Wiring Diagram







-3

WARNING: To minimize the risk of potential safety problems, you should follow all applicable local and national codes that regulate the installation and operation of your equipment. These codes vary from area to area and it is your responsibility to determine which codes should be followed, and to verify that the equipment, installation, and operation are in compliance with the latest revision of these codes.

Equipment damage or serious injury to personnel can result from the failure to follow all applicable codes and standards. We do not guarantee the products described in this publication are suitable for your particular application, nor do we assume any responsibility for your product design, installation, or operation.

If you have any questions concerning the installation or operation of this equipment, or if you need additional information, please call Technical Support at 770-844-4200.

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Terminal Block Specifications				
Part Number	P2-RTB	P2-RTB-1		
Positions	18 Screw Terminals	18 Spring Clamp Terminals		
Wire Range	30–16 AWG (0.051–1.31 mm²) Solid / Stranded Conductor 3/64 in (1.2 mm) Insulation Max. 1/4 in (6–7 mm) Strip Length	28–16 AWG (0.081–1.31 mm²) Solid / Stranded Conductor 3/64 in (1.2 mm) Insulation Max. 19/64 in (7–8 mm) Strip Length		
Conductors	"USE COPPER CONDUCTORS, 75°C" or equivalent.			
Screw Driver	0.1 in (2.5 mm) Maximum*			
Screw Size	M2	N/A		
Screw Torque	2.5 lb·in (0.28 N·m) N/A			

^{*}Recommended Screw Driver TW-SD-MSL-1

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	1800VAC applied for 1 second	
Insulation Resistance	>10MΩ @ 500 VDC	
Heat Dissipation	1800mW	
Enclosure Type	Open Equipment	
Module Location	Any I/O position in a Productivity1000 System.	
Field Wiring	Use ZIP Link Wiring System or removable terminal block (sold separately). See "Wiring Options" on page 3.	
EU Directive	See the "EU Directive" topic in the Productivity Suite Help File. Information can also be obtained at: www.productivity1000.com	
Connector Type (sold separately)	18-Position Removable Terminal Block	
Weight	71g (2.5 oz)	
Agency Approvals	UL 61010-1 and UL 61010-2-201 File E139594, Canada & USA CE (EN 61131-2 EMC, EN 61010-1 and EN 61010-2-201 Safety)*	

*See CE Declaration of Conformance for details.

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