

DATE SUBMITTED 09/14/2022  
 SUBMITTED BY Public Services  
 DATE ACTION REQUIRED 09/21/2022

COUNCIL ACTION ( )  
 PUBLIC HEARING REQUIRED ( )  
 RESOLUTION ( )  
 ORDINANCE 1<sup>ST</sup> READING ( )  
 ORDINANCE 2<sup>ND</sup> READING ( )  
 CITY CLERK'S INITIALS ab

**IMPERIAL CITY COUNCIL  
 AGENDA ITEM**

SUBJECT: <b>DISCUSSION/ACTION:</b> Purchase PLC Control Modules      1. Discuss and approve purchase of PLC Control Modules for WWTP.	
DEPARTMENT INVOLVED:      Public Services - WWTP	
BACKGROUND/SUMMARY:  Public Services would like to purchase spare PLC Control Modules. These components are critical in the SCADA operation and function for the WWTP.	
FISCAL IMPACT: Not to exceed \$43k with shipping & taxes	FINANCE INITIALS <u>DP</u>
STAFF RECOMMENDATION: Approve	DEPT. INITIALS <u>[Signature]</u>
MANAGER'S RECOMMENDATION: <u>Approve</u>	CITY MANAGER'S INITIALS <u>[Signature]</u>
MOTION:	
SECONDED:	
AYES:	APPROVED ( )      REJECTED ( )
NAYES:	DISAPPROVED ( )      DEFERRED ( )
ABSENT:	REFERRED TO:



# Allen-Bradley 1769-PA4 Compactlogix Power Supply

Manufacturer: Rockwell Automation | Catalog # 1769-PA4 | OneSource Part # 1080904

\$633.51/ea

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1769-PA4 Compactlogix Power Supply

*PLC Power Supply*

Technical Specs    Features

### Technical Information

Amperage	4 Amp, 25 Amp	Blade Dimensions	70 mm W x 87 mm D x 118 mm H
Display Type	Status LEDs	Frequency	47-63 Hz
Input Voltage	85 - 265 VAC at 50/60 Hz	Mounting Type	DIN Rail, Panel Mount
Operating Temperature	0 To 60 degrees C	Output Voltage	5 - 24 VDC
Split Crucible	S	Standard	C-TICK, CCC, CUL, KC, MARINE, UL
Type	Selectable		

### Manufacturer Information

Brand	Allen Bradley	Sub Brand	CompactLogix
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### General Product Info

GTiN	00612598276882	Product UPC	61259827588
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### Dimensions

Depth	3.43 Inch	Height	4.65 Inch
Width	2.76 in		



# Allen-Bradley 1756-IB32 ControlLogix 32 I Sinking Point Module

Manufacturer: Rockwell Automation | Catalog # 1756-IB32 | OneSource Part # 157835

**\$693.22/ea**

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1756-IB32 ControlLogix 32 I Sinking Point Module

## Technical Specs

### Technical Information

Amperage	2 mA	Blade Dimensions	38.1 mm W x 111.25 mm D x 300 mm H
Display Type	Input And Communication Status, Module Health	Input Voltage	10-31 V
Mounting Type	Chassis	Number of Channels	32
Operating Temperature	0 To 60 degrees C	Response Time	0.38 - 18 Millisecond
Split Crucible	5	Standard	CCC,CE,CSA,CUL,KC,MARINE,NRTL,RCM,UL
TC Connection	Tension Clamp Spring	Type	Digital Input
Voltage	10 VDC Supply		

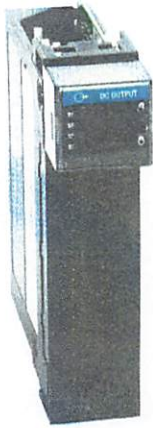
### Manufacturer Information

Brand	Allen Bradley	Sub Brand	ControlLogix
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### General Product Info

GTIN	00612598171309	Product UPC	61259817130
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You may also like



# Allen-Bradley 1756-OB32 ControlLogix 32-Point D/O Module

Manufacturer: Rockwell Automation | Catalog # 1756-OB32 | OneSource Part # 62824

**\$982.45/ea**

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1756-OB32 ControlLogix 32-Point D/O Module

## Technical Specs

### Technical Information

Amperage	2 mA Input, 16 Amp Output	Blade Dimensions	38,1 mm W x 111.25 mm D x 300 mm H
Display Type	Output And Communication Status, Module Health	Mounting Type	Chassis
Number of Channels	32	Operating Temperature	0 To 60 degrees C
Output	32 Digital	Output Signal	10-31 VDC
Output Voltage	10-31 V	Response Time	0.6 - 1 Millisecond
Split Crucible	5	Standard	CCC,CE,CSA,KC,MARINE,NRTL,RCM,UL
TC Connection	Tension Clamp Spring	Type	Digital Output
Voltage	10-31 VDC Supply, 10-31 VDC Output		

### Manufacturer Information

Brand	Allen Bradley	Sub Brand	ControlLogix
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### General Product Info

GTIN	00662468702997	Product UPC	66246870299
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# Allen-Bradley 1756-IA32 ControlLogix 32-Point D/I Module

Manufacturer: Rockwell Automation | Catalog # 1756-IA32 | OneSource Part # 2828571

**\$1,264.66/ea**

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1756-IA32 ControlLogix 32-Point D/I Module

## Technical Specs

### Technical Information

Amperage	2 mA	Blade Dimensions	38.1 mm W x 111.25 mm D x 300 mm H
Display Type	Input And Communication Status, Module Health	Input Voltage	74-132 V
Mounting Type	Chassis	Number of Channels	32
Operating Temperature	0 To 60 degrees C	Response Time	1 - 18 Millisecond
Split Crucible	S	Standard	CCC,CE,CSA,KC,MARINE,NRTL,RCM,UL
TC Connection	Tension Clamp Spring	Type	Digital Input
Voltage	74-132 VAC at 50/60 Hz Supply		

### Manufacturer Information

Brand	Allen-Bradley	Sub Brand	ControlLogix
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### General Product Info

GTIN	00612598171286	Product UPC	61259817128
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You may also like



# Allen-Bradley 1756-PB75 ControlLogix DC Power Supply

Manufacturer: Rockwell Automation | Catalog # 1756-PB75 | OneSource Part # 2368667

**\$1,627.67**/ea

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1756-PB75 ControlLogix DC Power Supply

## Technical Specs

### Technical Information

Amperage	30 Amp	Blade Dimensions	140 mm W x 112 mm D x 145 mm H
Display Type	Status LEDs	Enclosure	None ( Open-Style)
Input Voltage	18 - 32 VDC	Mounting Type	Chassis
Operating Temperature	0 To 60 degrees C	Output Voltage	1.2 V
Split Crucible	S	Standard	CE,CSA,CUL,KC,MARINE,NRTL,RCM,UL
Type	Power Supply	Wattage	75 Watt

### Manufacturer Information

Brand	Allen Bradley	Sub Brand	ControlLogix
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### General Product Info

GTiN	00612598206865	Product UPC	61259820686
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## You may also like





# Allen-Bradley 1756-IF16 ControlLogix 16-Point A/I Module

Manufacturer: Rockwell Automation | Catalog # 1756-IF16 | OneSource Part # 802976

**\$2,248.29/ea**

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1756-IF16 ControlLogix 16-Point A/I Module

## Technical Specs

### Technical Information

Applications	General Purpose I/O	Blade Dimensions	38.1 mm W x 111.25 mm D x 300 mm H
Display Type	Module Health, In Calibration Mode	Input Voltage	0-10.25 V
Mounting Type	Chassis	Number of Channels	16
Operating Temperature	0 To 60 degrees C	Split Crucible	S
Standard	CCC,CE,CSA,KC,MARINE,NRTL,RCM,UL	TC Connection	Tension Clamp Spring
Type	Analog Input		

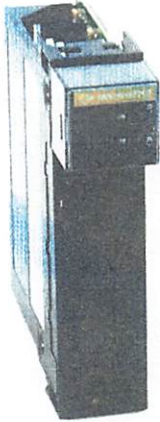
### Manufacturer Information

Brand	Allen Bradley	Sub Brand	ControlLogix
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### General Product Info

GTIN	00612598171781	Product UPC	61259817178
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# Allen-Bradley 1756-OF8 ControlLogix 8-Point A/O Module

Manufacturer: Rockwell Automation | Catalog # 1756-OF8 | OneSource Part # 802062

\$2,927.46/ea

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1756-OF8 ControlLogix 8-Point A/O Module

## Technical Specs

### Technical Information

Applications	General Purpose I/O	Blade Dimensions	38.1 mm W x 111.25 mm D x 300 mm H
Display Type	Module Health, In Calibration Mode	Mounting Type	Chassis
Number of Channels	8	Operating Temperature	0 To 60 degrees C
Output Signal	+/- 10.4V, 0-21 mA	Output Voltage	10.4 V
Split Crucible	S	Standard	CCC,CE,CSA,CUL,KC,MARINE,NRTL,RCM,UL
TC Connection	Screw/Spring Clamp	Type	Analog Output

### Manufacturer Information

Brand	Allen Bradley	Sub Brand	ControlLogix
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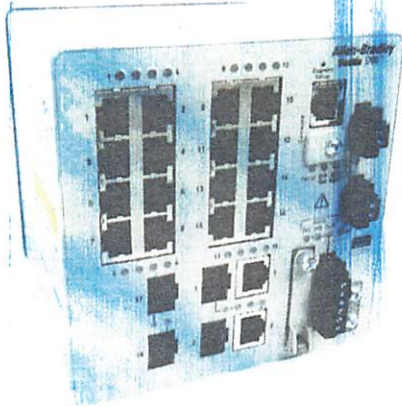
### General Product Info

GTIN	00612598171897	Product UPC	61259817189
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## You may also like







# Allen-Bradley 1783-BMS20CGL Stratix 5700 20-Port Managed Switch

Manufacturer: Rockwell Automation | Catalog # 1783-BMS20CGL | OneSource Part # 4393665

**\$3,134.68/ea**

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1783-BMS20CGL Stratix 5700 20-Port Managed Switch

Technical Specs   Features

## Technical Information

Mounting Type	DIN Rail (Top Hat Rail)	Operating Temperature	-40 To 140 degrees F
Split Crucible	S	Standard	C-TICK,CE,CUL,KC,MARINE,UL
Type	Managed, 20-Port		

## Manufacturer Information

Brand	Allen Bradley	Sub Brand	Stratix 5700
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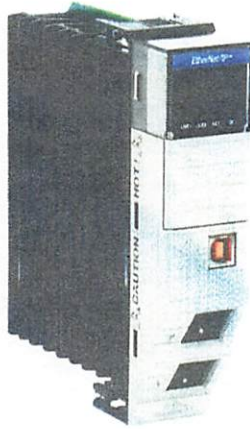
## General Product Info

GTIN	00886739973552	Product UPC	88673997355
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## Dimensions

Height	130 mm	Length	128 mm
Width	127 mm		





# Allen-Bradley 1756-EN2TR 10/100 Mb/Sec Dual Copper Media Ethernet/IP Communication Module

Manufacturer: Rockwell Automation | Catalog # 1756-EN2TR | OneSource Part # 4030620

**\$4,180.41**/ea

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1756-EN2TR 10/100 Mb/Sec Dual Copper Media Ethernet/IP Communication Module

Technical Specs

Technical Information

Applications	EtherNet/IP	Display Type	Digital Display
Mounting Type	Chassis	Number of Channels	2
Operating Temperature	0 To 60 degrees C	Split Crucible	S
Standard	CCC,CE,CUL,KC,MARINE,NRTL,RCM,UL	Type	High Capacity

Manufacturer Information

Brand	Allen Bradley	Sub Brand	CompactLogix
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General Product Info

GTIN	00612598547739	Product UPC	61259854773
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You may also like



Allen-Bradley 1756-EN2TR 10/100



Allen-Bradley 100-ECM-ETD-5000

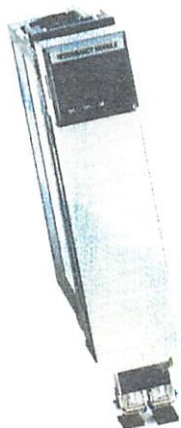


Allen-Bradley 1400-ENBT



Rockwell Automation 1756-EN2TR

Allen-



# Allen-Bradley 1756-RM2 ControlLogix Redundancy Enhanced Module

Manufacturer: Rockwell Automation | Catalog # 1756-RM2 | OneSource Part # 4376370

**\$7,092.40**/ea

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen-Bradley 1756-RM2 ControlLogix Redundancy Enhanced Module

## Technical Specs

### Technical Information

Applications	Requires 2 modules per system	Display Type	4 Character Alpha/Numeric
Mounting Type	Chassis	Number of Channels	2
Operating Temperature	0 To 60 degrees C	Output Signal	Fiber Optic
Power Supply	1.16A @ 5.1VDC, 3.4ma @ 24VDC	Split Crucible	5
Standard	CCC,CE,CSA,CUL,KC,MARINE,NRTL,RCM,UL	Type	Redundancy Module
Voltage	24 Volt		

### Manufacturer Information

Brand	Allen Bradley	Sub Brand	ControlLogix
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### General Product Info

GTIN	00884951800434	Product UPC	88495180043
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## You may also like





# Allen Bradley 1756-L72K ControlLogix5572 Conformally Coated Controller with 4 MB Memory

Manufacturer: Rockwell Automation | Catalog # 1756-L72K | OneSource Part # 4793591

**\$11,569.31/ea**

[Log in](#) or [register](#) to view your price, purchase history, and more!

Allen Bradley 1756-L72K ControlLogix5572 Conformally Coated Controller with 4 MB Memory

## Technical Specs

### Technical Information

Applications	500 Controller Connections	Display Type	4 Character Alpha/Numeric
Memory	0.98 MB	Mounting Type	Chassis
Operating Temperature	140 degrees F	Power Supply	5ma @ 1.2VDC, 800ma @ 5.1VDC
Split Crucible	N	Standard	CCC,CE,CUL,KC,MARINE,RCM,UL
Type	Controller		

### Manufacturer Information

Brand	Allen Bradley	Sub Brand	ControlLogix
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### General Product Info

GTIN	00885630734309	Product UPC	88563073430
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## You may also like

