

SJE RHOMBUS EZCONNEX 3 Port Float Connection System Owner's Manual

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SJE RHOMBUS EZCONNEX 3 Port Float Connection System



FAQ

Q: What are the different options available for the manifold and float switches?

A: The manifold options include different port configurations like NORMALLY OPEN and NORMALLY CLOSED. The float switch options include variations in weight, size, and operation modes.

Q: What is the electrical specification of the product?

A: The product operates at 125 VAC with a maximum electrical load of 1 amp per connection port.

US Patent No. 9,559,455 and 9,583,867 CA Patent No. 2,891,806
China Patent No. 105322354

INTRODUCTION

- The EZconnex® float switch connection system is a revolutionary new way to install float switches in a wet well for level control applications. It includes an electrical wiring manifold with three quick release float switch connection ports, mounting bracket and hardware. Installation is as easy as 1, 2, 3...Simply install the manifold, plug in the quick connect floats, and wire the manifold cable to the control panel.
- A single 6 conductor direct burial cable has Red-Blue-Yellow wire pairs that match the R-B-Y imprint on the manifold housing for easy identification and field wiring. The color-coded cable makes for a quick, easy installation. The quick release float switch connections and mounting bracket allow for easy maintenance and replacement of floats.
- The EZconnex® system can be used with 1, 2, or 3 float switches. Each float switch includes a protective rubber boot that provides a dual seal design for an extra layer of protection to keep connections clean and dry. A range of wide-angle and narrow-angle float switch options are available with quick release connection to suit application needs (sold separately). Sealing plugs are available for unused manifold ports (sold separately).
- NOTE: Do not install manifold with open port(s).

FEATURES

- (3) Quick release float connection ports for easy maintenance in the wet well
- A single 6-conductor direct burial cable with colored wire pairs for easy and clean field wiring of the control panel
- Manifold housing includes R-B-Y imprints that match Red-Blue-Yellow wire pairs in manifold cable for easy identification and field wiring
- Can be used with 1-3 float switches; sealing plug(s) available for unused manifold port(s)
- Rated for short-term water submersion in water
- Includes mounting bracket and hardware; float switches and sealing plugs must be ordered separately

OPTIONS

Manifold Options:

- Standard cable lengths of 25, 50, or 100 ft (7.62, 15.24, or 30.48 m)
- Sealing plug (includes rubber boot) required for unused port(s)

Float Switch Options

- **EZconnex® SJE MilliAmpMaster™ Float switches:** these are SJE MilliAmpMaster™ control switches that feature the quick release connection. Please see the SJE MilliAmpMaster™ control switch section in this catalog for complete specifications.
 - Available in standard cable lengths of 5, 10, or 20 ft (1.52, 3.05, or 6.10 m)
 - Colored caps for easy identification (blue cap = normally open; red cap = normally closed)
 - Two float mounting configurations available; mounting clamp or cable weight
- **EZconnex® SJE MegaMaster® Float switches:** these are SJE MegaMaster® control switches that feature the quick release connection. Please see the SJE MegaMaster® control switch section in this catalog for complete specifications.
 - Available in standard cable lengths of 10, 25, or 50 ft (3.05, 7.62 or 15.24 m)
 - Optional 6-hook mounting bracket available (sold separately)

EZCONNEX® 3-PORT FLOAT SWITCH CONNECTION SYSTEM – Manifold/float connection system designed for easy installation of 1-3 float switches in a wet well for level control applications.

Part #	Description (3-Port Manifold)				Shippin g Weigh t	List Pric e
1047612			EZconnex®, 3-Port, 25 ft., with Mounting Bracket		3.33 lbs.	\$183.15
1047613			EZconnex®, 3-Port, 50 ft., with Mounting Bracket		5.22 lbs.	\$233.63
1050843			EZconnex®, 3-Port, 100 ft., with Mounting Bracket		9.28 lbs.	\$334.08
	EZ CONNEX® FLOAT SWITCH NARROW-ANGLED VERSIONS					
	NORMALLY OPEN D		NORMALLY CLOSE			
Part #	Description	Part #	Description	Shippin g Weigh t	List Pric e	
1046922		5MAPNPCNOEZ	1046923	5MAPNPCNCEZ	0.86 lbs.	\$60.62
1046924		10MAPNPCNOEZ	1046925	10MAPNPCNCEZ	1.14 lbs.	\$65.06
1050721		20MAPNPCNOEZ	1050840	20MAPNPCNCEZ	1.79 lbs.	\$74.20
1054141		5MAPNCWNOEZ	1054142	5MAPNCWNCEZ	2.16 lbs.	\$72.93
1054145		10MAPNCWNOEZ	1054146	10MAPNCWNCEZ	2.44 lbs.	\$77.37
1054150		20MAPNCWNOEZ	1054151	20MAPNCWNCEZ	3.09 lbs.	\$86.51
	EZ CONNEX® FLOAT SWITCH WIDE-ANGLED VERSIONS					
	NORMALLY OPEN D		NORMALLY CLOSE			
Part #	Description	Part #	Description	Shippin g Weigh t	List Pric e	
1046918		5MAPWPCNOEZ	1046919	5MAPWPCNCEZ	0.86 lbs.	\$60.62

1046920		10MAPWPCNOEZ	1046921	10MAPWPCNCEZ	1.14 lbs.	\$65.06
1050841		20MAPWPCNOEZ	1050842	20MAPWPCNCEZ	1.79 lbs.	\$74.20
1054143		5MAPWCWNOEZ	1054144	5MAPWCWNCEZ	2.16 lbs.	\$72.93
1054147		10MAPWCWNOEZ	1054148	10MAPWCWNCEZ	2.44 lbs.	\$77.37
1054152		20MAPWCWNOEZ	1054153	20MAPWCWNCEZ	3.09 lbs.	\$86.51
	EZ CONNEX® MEGAMASTER® FLOAT SWITCH					
	NORMALLY OPEN D		NORMALLY CLOSE			
Part #	Description	Part #	Description	Shipping Weight	List Price	
1059056		10MEGANOEZ	1059057	10MEGANCEZ	2.6 lbs.	\$97.98
1059058		25MEGANOEZ	1059059	25MEGANCEZ	3.6 lbs.	\$112.88
1059060		50MEGANOEZ	1059061	50MEGANCEZ	5.1 lbs.	\$136.99
Options Part #	Description				Shipping Weight	List Price
1047611	Sealing Plug (includes Rubber Boot)				0.16 lbs.	\$13.95
1052814	6 Hook Bracket				2.0 lbs.	\$92.37

N = Narrow Angle W = Wide Angle PC = Pipe Clamp CW = Cable Weight NO = Normally Open NC = Normally Closed EZ = EZconnex®

NOTE: One sealing plug must be ordered for each unused port. Do not install manifold with open port(s).

PACKAGING:

Manifold: Boxed – Standard

Float Switches: Bagged – Standard

SPECIFICATIONS

MANIFOLD SPECIFICATIONS

- CABLE: direct burial shielded PVC Type TC-ER TFFN (UL) 600V 18 gauge, 6 conductor
- HOUSING: ABS plastic
- ELECTRICAL: 125 VAC
- Maximum Electrical Load: 1 amp per connection port

FLOAT SPECIFICATIONS

- **EZconnex® SJE MilliAmpMaster™ Float switches:** these are SJE MilliAmpMaster™ control switches that feature the quick release connection. Please see the SJE MilliAmpMaster™ control switch section in this catalog for complete specifications.

- **EZconnex® SJE MegaMaster® Float switches:** these are SJE MegaMaster® control switches that feature the quick release connection. Please see the SJE MegaMaster™ control switch section in this catalog for complete specifications.

MOUNTING BRACKET SPECIFICATIONS

BRACKET: PVC Plastic

OTHER INFORMATION

NORMALLY OPEN (HIGH LEVEL) OPERATION

Blue colored cap, the control switch turns on (closes) when the switch tips above horizontal signaling a high level, and turns off (opens) when the switch drops below horizontal.

NORMALLY CLOSED (LOW LEVEL) OPERATION

Red colored cap, the control switch turns on (closes) when the switch drops below horizontal signaling a low level, and turns off (opens) when the switch tips above horizontal.

California Prop 65 requires the following: A WARNING Cancer and Reproductive Harm –

www.P65Warnings.ca.gov

www.sjrhombus.com

email: customer.service@sjcinc.com

Documents / Resources



[SJE RHOMBUS EZCONNEX 3 Port Float Connection System](#) [pdf] Owner's Manual
1047612, 1047613, 1050843, EZCONNEX 3 Port Float Connection System, EZCONNEX, EZCONNEX Float Connection System, 3 Port Float Connection System, Float Connection System, Float, Connection System

References

- [🔗 Home - SJE Rhombus Control Products](#)
- [User Manual](#)

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