CSION® 3R Alarm System

Innovative Indoor/Outdoor Alarm System

This alarm system monitors liquid levels in lift pump chambers, sump pump basins, holding tanks, sewage, agricultural, and other water applications. The CSION® 3R indoor/outdoor alarm can serve as a high or low level alarm depending on the float switch model used. This easy to install alarm features an innovative, sleek 2-color molded enclosure which integrates the red LED translucent beacon. Optional yellow LED models available.

The alarm sounds and the upper housing half illuminates when a potentially threatening liquid level condition occurs. The audible alarm can be silenced by pressing the Test/Silence button, but the alarm light will remain on until the condition is remedied. Once the condition is cleared, the alarm will automatically reset. A green "Power On" light indicates power to the alarm panel.

U.S. Patent Nos.
8,737,672 and D695,640

LR54245

FEATURES

- 2-color molded enclosure offers a distinct look; upper translucent half illuminates in alarm condition
- Removable lower cover provides greater access for easier field wiring while the internal circuitry remains protected
- Interlocking enclosure features unique sound chamber to amplify the horn, while helping prevent moisture from entering
- External mounting tabs for easy installation
- Enclosure meets Type 3R water-tight standards
- Enclosure has indicator marks on bottom for easy placement of cord entry locations
- Automatic alarm reset, horn silence switch, and alarm test switch
- Alarm horn sounds at 82 decibels at 10 feet (3 meters)
- Alarm system (when installed on separate circuit) operates even if pump circuit fails
- Green power on indicator
- Includes auxiliary alarm contacts for easy attachment of remote devices

OPTIONS

When ordered with the alarm, the system is available with:

- Alternate float switch models for high or low liquid level warning
- Premounted terminal block so enclosure can also be used as a junction box for splicing pump, pump switch, and pump power; meets NEC standard for junction boxes
- 6 foot (1.8 meter) power cord with 120 VAC plug and liquid tight connector
- Available with red or yellow LED alarm indication

CSI Controls®
Powered by SJE

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CSION® 3R ALARM - 120 VAC

WITHOUT POWER CORD		Description	WITH POWER CORD	
Part #	Shipping Weight		Part #	Shipping Weight
1072312	1.50 lbs.	CSION 3R-01XY	**1079330**	1.90 lbs.
1072313	2.75 lbs.	CSION 3R-01HY, 15 ft. NA Control Switch	**1079331**	3.15 lbs.
1072314	3.10 lbs.	CSION 3R-01HY, 20 ft. NA Control Switch	**1079332**	3.50 lbs.
1072315	3.75 lbs.	CSION 3R-01HY, 30 ft. NA Control Switch	**1079336**	4.15 lbs.
1072316	1.50 lbs.	CSION 3R-01XR	**1079340**	1.90 lbs.
1072317	2.75 lbs.	CSION 3R-01HR, 15 ft. NA Control Switch	**1079341**	3.15 lbs.
1072318	3.10 lbs.	CSION 3R-01HR, 20 ft. NA Control Switch	**1079343**	3.50 lbs.
1072319	3.75 lbs.	CSION 3R-01HR, 30 ft. NA Control Switch	**1079344**	4.15 lbs.

CSION® 3R ALARM - 120 VAC WITH TERMINAL BLOCK

WITHOUT POWER CORD		Description	WITH POWER CORD	
Part #	Shipping Weight		Part #	Shipping Weight
1072320	1.50 lbs.	CSION 3R-01XYTB	**1079347**	1.90 lbs.
1072321	2.75 lbs.	CSION 3R-01HYTB, 15 ft. NA Control Switch	**1079348**	3.15 lbs.
1072322	3.10 lbs.	CSION 3R-01HYTB, 20 ft. NA Control Switch	**1079349**	3.50 lbs.
1072323	3.75 lbs.	CSION 3R-01HYTB, 30 ft. NA Control Switch	**1079350**	4.15 lbs.
1072324	1.50 lbs.	CSION 3R-01XRTB	**1079351**	1.90 lbs.
1072326	2.75 lbs.	CSION 3R-01HRTB, 15 ft. NA Control Switch	**1079352**	3.15 lbs.
1072327	3.10 lbs.	CSION 3R-01HRTB, 20 ft. NA Control Switch	**1079317**	3.50 lbs.
1072328	3.75 lbs.	CSION 3R-01HRTB, 30 ft. NA Control Switch	**1079353**	4.15 lbs.
Option PC	6 ft. Power Cord with Two RCC8 1/2" Liquid Tight Connectors			

H = High Level, X = No Float, Y = Yellow LED, R = Red LED, TB = Includes Terminal Block, NA = Narrow Angle
MASTER CARTON holds 12 boxed units.
SEE PRICE BOOK FOR LIST PRICE.

CONTROL SWITCH OPTIONS

The CSION® 3R alarm system comes standard with a 15 foot Control Duty Narrow Angle control switch with mounting clamp. Other float switches are available. See control switch section of the catalog. To determine the price of alarm with an alternate float, add the price of the part number with "no float" to the price of the float switch.

SPECIFICATIONS

VOLTAGE:

PRIMARY: 120 VAC, 50/60 Hz, 3.8 watts max. (alarm condition)

SECONDARY: 9 VDC

ALARM ENCLOSURE: 6.7 x 5.3 x 2.5 inch (17.02 x 13.46 x 6.35 cm), indoor-outdoor, weatherproof, thermoplastic meets Type 3R water-tight standard

ALARM HORN: 82 decibels at 10 feet (3 meters)

AUXILIARY ALARM CONTACTS: 240 VAC / 30 VDC, 1.5 amps max., 50/60 Hz (circuit not supervised)

PRE-MOUNTED TERMINAL BLOCK (OPTIONAL): 20 amps, 120/240 VAC

POWER CORD (OPTIONAL): 6 foot (1.8 meter) cord with 120 VAC plug and two RCC8 1/2 inch liquid-tight connectors

FLOAT SWITCH: Control Duty Narrow Angle control switch with mounting clamp

CABLE: 15 feet (4.57 meters), flexible 18 gauge, 2 conductor (UL) SJOW, water-resistant (CPE)

FLOAT: 2.74 inch diameter x 4.83 inch long (7 cm x 12.3 cm), high impact, corrosion resistant polypropylene housing for use in sewage and non-potable water up to 140°F (60°C)

MAXIMUM WATER DEPTH: 30 feet (9 meters), 13 PSI

ELECTRICAL: 5 amps, 125 VAC/250 VAC, 50/60 Hz

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California Prop 65 requires the following: ⚠ WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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