



# MRS-3/MRS-4

## EXPLOSION-PROOF MAIN/RESERVE TRANSFER STATION



P/N: See Chart

### Standard Features

- Zones 1, 2 and safe area
- EExed IIC T6
- MRS-4: ATEX approved Ex II 2GD
- PTB Certified
- MRS-3: UL Listed for USA and Canada
  - Class I, Div 2, Groups A - D
  - Class I, Zone 1, AExde IIB+H<sub>2</sub> T6
  - Class II, Div 1, Groups E, F & G (cUL)
- IP66
- Three Position Selector Switch
- Operating Temperature
  - MRS-3: -4°F to 104°F (-20°C to 40°C)
  - MRS-4: -67°F to 122°F (-55°C to 50°C)
- Impact resistant thermoplastic
- Retained stainless steel cover screws

### Overview

The MRS-3 and MRS-4 main/reserve transfer stations, intended for use in potentially explosive atmospheres or outdoor applications, are suitable for use in all gas groups including hydrogen. (Except Acetylene Class I, Zone 1)

These rugged enclosures are manufactured from a UV stable, impact resistant polyamide; cover fixing screws are stainless steel thus ensuring a corrosion-free product.

The MRS-3 and MRS-4 offer a compact footprint and the high ingress protection rating makes the MRS-3 and MRS-4 suitable for use in harsh environmental conditions.

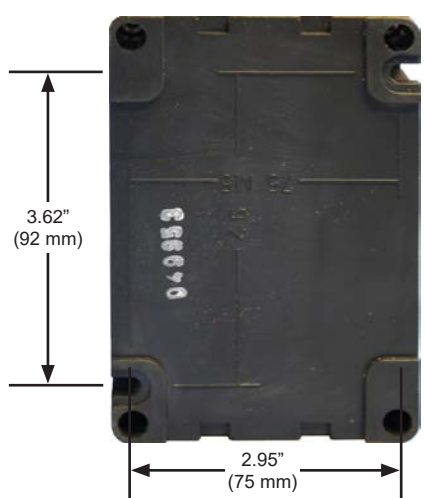
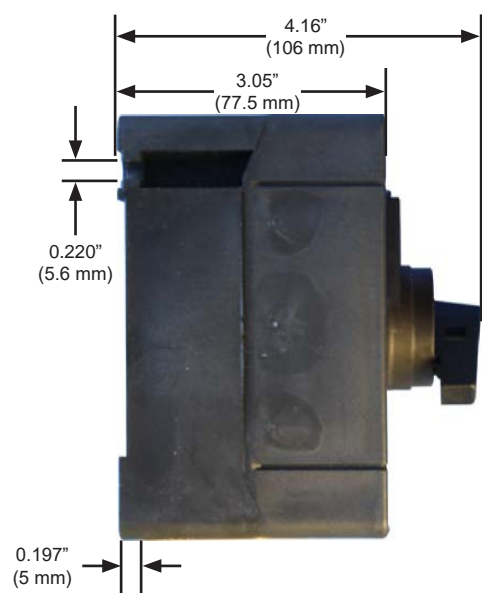
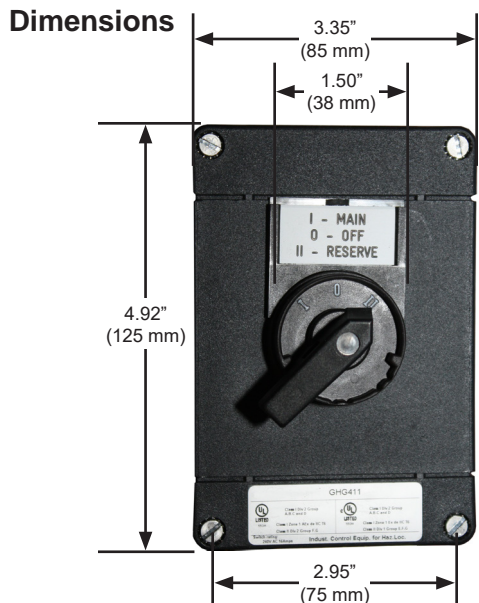
The MRS-3 and MRS-4 have a three position selector switch (1 position MAIN, 1 position OFF, 1 position RESERVE).

### Operation

To operate, rotate selector switch to the desired position.

### Specifications

Certification:	CENELEC EN50014, 18, 19 & 20. Certificate No. PTB 00 ATEX 3117. EExed IIC T6 (Tamb 48°C). Zones 1 & 2 UL Listed for USA and Canada Class I, Div 2, Groups A-D. Class I, Zone 1, AExde IIB+H <sub>2</sub> T6 and Class II, Div 1, Groups E, F & G (cUL). Listing No. E194809
Material:	Impact resistant thermoplastic, anti-static enclosure with stainless steel cover screws
Finish:	Self colored black
Operating Temperatures:	-4°F to 104°F (-20°C to 40°C) (MRS-3) -67°F to 122°F (-55°C to 50°C) (MRS-4)
Ingress Protection:	IP66
Termination:	10 AWG max. direct to components Max voltage rating 400 V
Earthing:	Internal earth terminal (MRS-4); External earth terminal (MRS-3)
Entries:	1 x 1/2" NPT bottom entry (MRS-3) 1 x 20 mm bottom entry (MRS-4)
Contacts:	Two (2) N.O. and Two (2) N.C. – 16A @ 240 VAC



Terminals	Switch Description / Position		
	Main Left	Off Center	Reserve Right
13-14	X	O	O
23-24	X	O	O
33-34	O	O	X
43-44	O	O	X

X = CLOSED      O = OPEN

### Ordering Information

Model	P/N	Description	Ship Wt. lb (kg)
MRS-3	99738	Explosion-Proof Main/Reserve Transfer Station (UL Listed)	1.7 (0.8)
MRS-4	99736	Explosion-Proof Main/Reserve Transfer Station (ATEX)	1.7 (0.8)

Note: Approvals/Listings maintained by and manufactured by MEDC Ltd.

The seller makes no warranties, express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, except as expressly stated in the seller's sales contract or sales acknowledgment form. Every attempt is made to keep our product information up-to-date and accurate. All specific applications cannot be covered, nor can all requirements be anticipated. All specifications are subject to change without notice.



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