

MULTITRODE RELAY 240VAC (MTR 2) INSTALLATION SHEET. NO1

CONTROL OF THREE APPLIANCES IN A CHARGING SITUATION

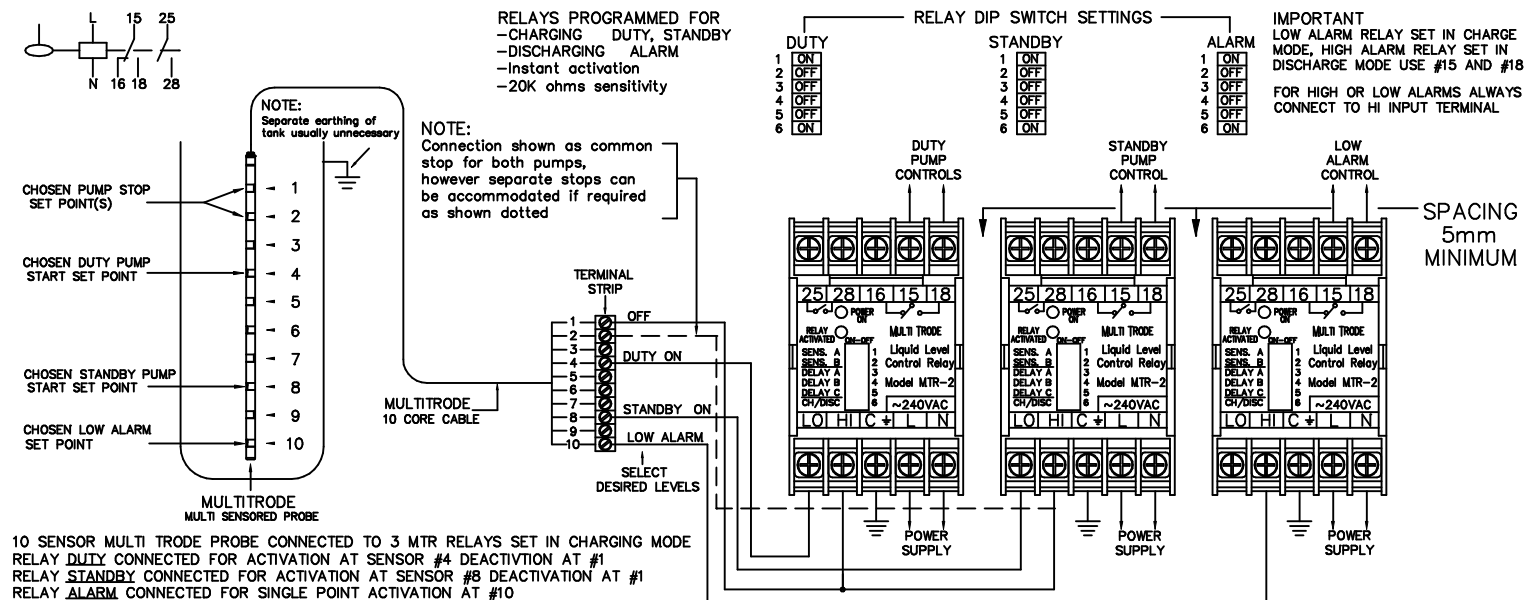


FIGURE-4

ON-OFF CONTROL IN A CHARGING SITUATION

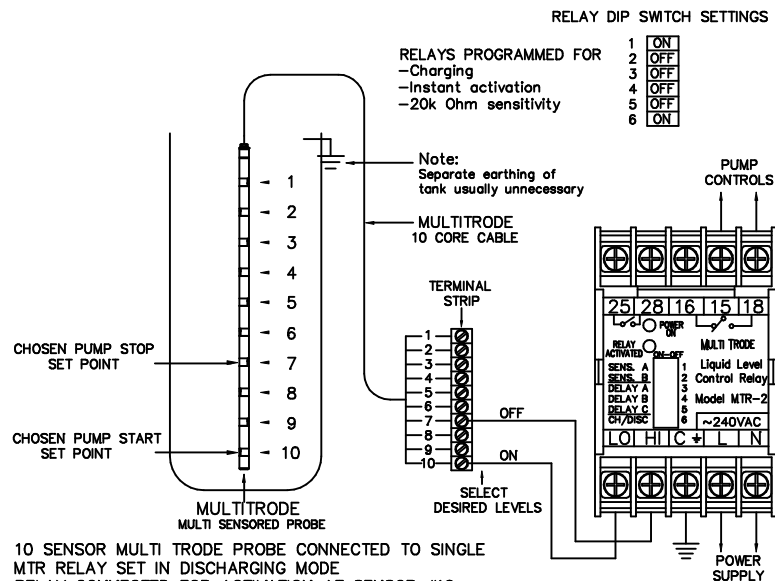


FIGURE-5

SINGLE POINT OPERATION IN A CHARGING SITUATION

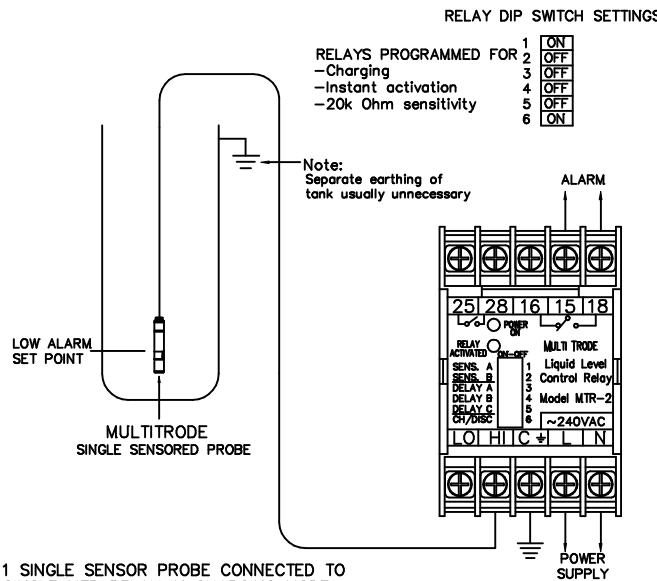
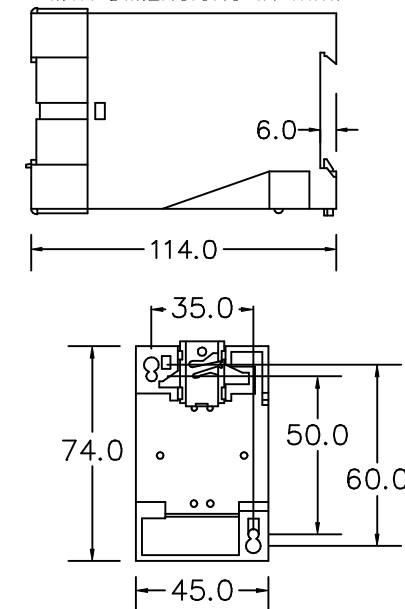


FIGURE-6

RELAY PROGRAM FUNCTIONS

SWITCH NO SETTING	1	2	SENSITIVITY
OFF	OFF	1k Ω	Concentrated Acids, Minerals, Alkalines
OFF	ON	4k Ω	Acids, Alkalines, Diluted brine, Sea water
ON	OFF	20k Ω	Sullage, Sewage effluent Town water
ON	ON	80k Ω	Low conductive liquids, Purified water
3	4	5	DELAY ON ACTIVATION
OFF	OFF	OFF	Zero Seconds
OFF	OFF	ON	2.5 Seconds
OFF	ON	OFF	5 Seconds
OFF	ON	ON	10 Seconds
ON	OFF	OFF	20 Seconds
ON	OFF	ON	40 Seconds
ON	ON	OFF	80 Seconds
ON	ON	ON	160 Seconds
6			MODE
OFF			Discharge
ON			Charge

MTR DIMENSIONS IN mm.



MULTITRODE RELAY 240VAC (MTR 2) INSTALLATION SHEET. NO2

CONTROL OF THREE APPLIANCES IN A DISCHARGING SITUATION

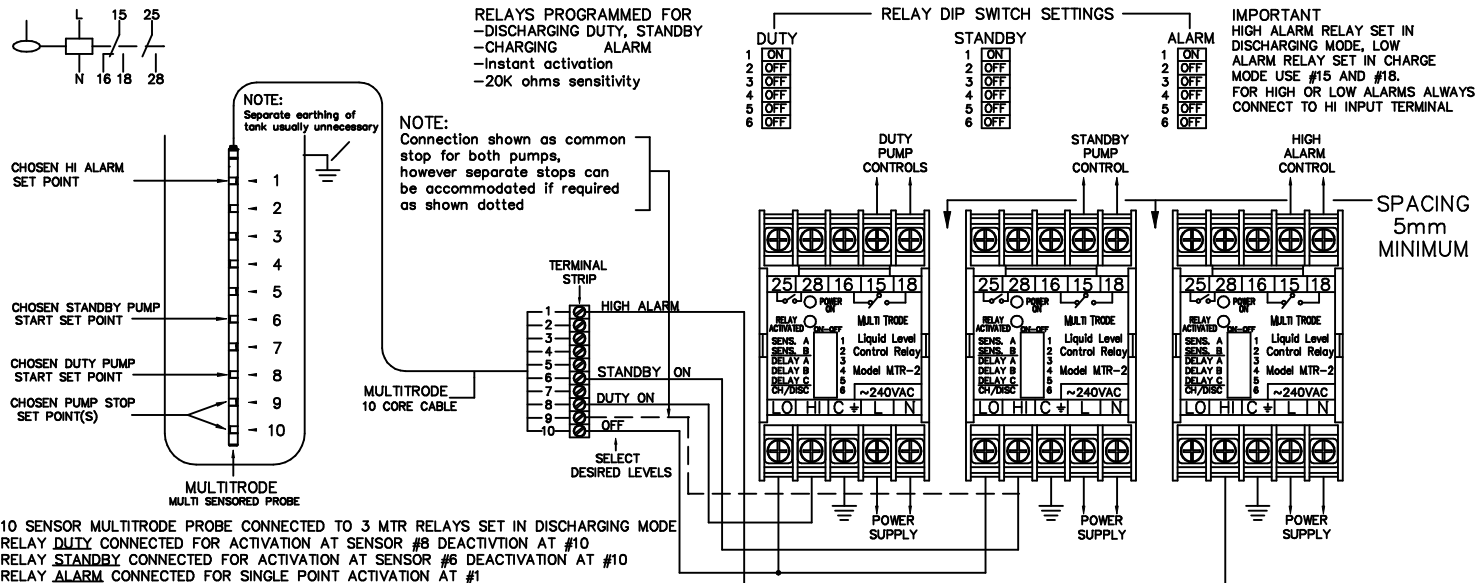
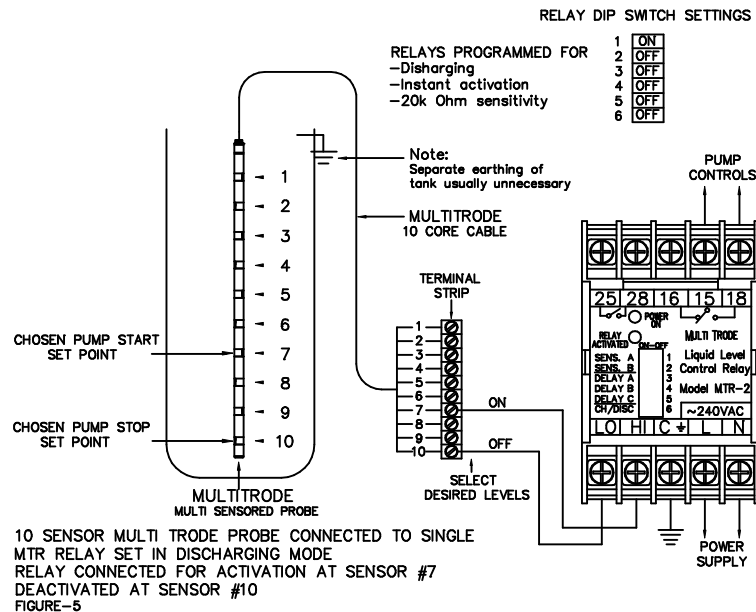


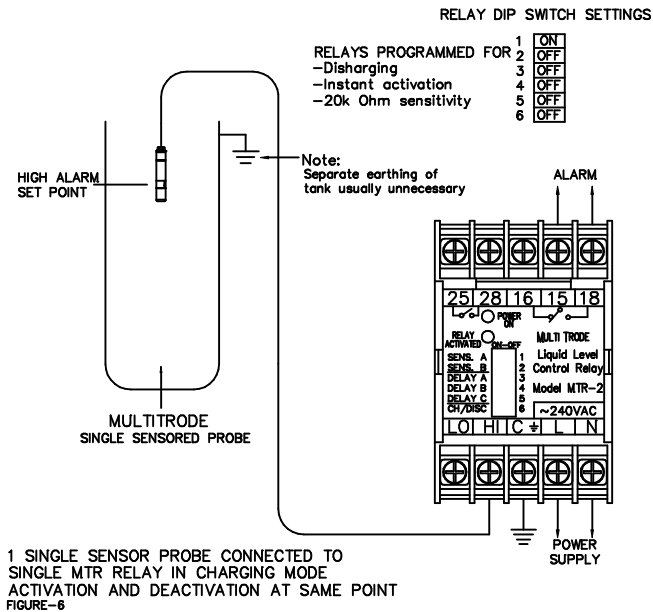
FIGURE-4

WARNING: Always separate probe cables from power wiring

ON-OFF CONTROL IN A DISCHARGING SITUATION



SINGLE POINT OPERATION FOR DISCHARGING



RELAY PROGRAM FUNCTIONS

SWITCH NO SETTING	1	2	SENSITIVITY
OFF	OFF	1k Ω	Concentrated Acids, Minerals, Alkalines
OFF	ON	4k Ω	Acids, Alkalines, Diluted brine, Sea water
ON	OFF	20k Ω	Sullage, Sewage effluent Town water
ON	ON	80k Ω	Low conductive liquids, Purified water
3	4	5	DELAY ON ACTIVATION
OFF	OFF	OFF	Zero Seconds
OFF	OFF	ON	2.5 Seconds
OFF	ON	OFF	5 Seconds
OFF	ON	ON	10 Seconds
ON	OFF	OFF	20 Seconds
ON	OFF	ON	40 Seconds
ON	ON	OFF	80 Seconds
ON	ON	ON	160 Seconds
6			MODE
OFF			Discharge
ON			Charge

SPECIFICATIONS

SENSOR VOLTAGE	12VAC NOMINAL
NO OF OUTPUTS	2 SETS, 1 NO & 1 CHANGEVER
CONTACT RATING	5 AMP 250VAC RESISTIVE
CONTACT LIFE	10 ⁵ OPERATIONS
SUPPLY VOLTAGE(+/-10%)	240, 110, 240VAC, 50/60Hz 24, 12VDC
POWER CONSUMPTION	3.4VA (MAX)
DIMENSIONS mm (inches)	H74(2.78) X W45(1.77) X D114(4.5)
TERMINAL SIZE mm (in)	2 X 2.5mm ² (0.64 ² INCH)
DISPLAY LEDS	GREEN - POWER ON RED - ACTIVATION
MOUNTING ARRANGEMENT	DIN RAIL OR 2X4mm SCREWS (3/16")
SENSITIVITY (OHMS)	SELECTABLE VIA SWITCHES 1K, 4K, 20K, 80K
MODE	SELECTABLE VIA SWITCHES CHARGE/DISCHARGE
DELAYS (SECS)	SELECTABLE VIA SWITCHES 2.5, 5, 10, 20, 40, 80, 160
WORKING TEMP C(F)	MINUS 10° C (+14° F) PLUS 60° C (140° F)