



12T081



12T084

## Dayton® Water Pump Pressure Switches

- Diaphragm actuated
- Pressure range: 10 to 100 psi
- Differential pressure range: 15 to 50 psi
- 20/12A at 120/240V
- DPST
- ¼" FNPT
- NEMA 1 enclosure
- 3-yr. warranty

Rated 1½ HP at 1-phase, 120V; 2 HP at 1-phase, 230V. Temp. range: -22° to 250°F. Switches with low pressure cutoff will turn the pump off at approximately 10 psi below the cut-in setting. UL Listed and CSA Certified.



Manual Switch Action	Special Features	PRESSURE SWITCH FACTORY ON/OFF SETTING		
		20/40 psi Item No.	30/50 psi Item No.	40/60 psi Item No.
None		12T081	12T082	12T083
Auto/Off		12T087	12T088	12T089
Auto/Off/Reset	Low Pressure Cut-Off	12T084	12T085	12T086



**MDR11 Series w/Unloader and Auto/Off Switch 3AFU8**



**MDR3 Series w/Unloader and Auto/Off Switch 3FEW3**

## Air Compressor Pressure Switches

For all global air compressor and water applications. Rotatable unloader valve simplifies retrofit onto compressors. Diaphragm actuated.

### MDR3 AND MDR3/OL SERIES

- 3PST Switch
- Rated 30A, 1-phase/24A, 3-phase
- Temp. range: -22° to 257°F

MDR-3/OL Series combines the function of a pressure switch and magnetic starter into 1 unit. Built-in overload protection. All are UL Listed, CSA and CE Certified.

### MDR11 SERIES

- DPST switch
  - Rated 26A
  - Temp. range: -22° to 257°F
- UL Listed and CSA Certified.



Pressure Switch Unloader	Manual Switch Action	HP @ 1-Phase 120V	HP @ 1-Phase 240V	RANGE: 20 to 105 psi Diff.: 20 to 45 psi Factory Preset		RANGE: 80 to 100 psi Diff.: 20 to 45 psi Factory Preset		RANGE: 25 to 160 psi Diff.: 25 to 65 psi Factory Preset			RANGE: 40 to 175 psi Diff.: 30 to 65 psi Factory Preset		
				60/80 psi Item No.	80/100 psi Item No.	80/100 psi Item No.	60/80 psi Item No.	100/125 psi Item No.	105/135 psi Item No.	120/150 psi Item No.	140/175 psi Item No.	160/200 psi Item No.	
<b>MDR11 Series, (1) Port, ¼ in FNPT</b>													
No	None	2 hp	3 hp	3AFU5	3EYN4			Δ	3EYP3	3EYR2	3EY11	3EYT9	3FCW5
No	Auto/Off	2 hp	3 hp	3AFU6	3EYN5			Δ	3EYP4	3EYR3	3EY12	3EY10	3FCW6
¼ in Compression	None	2 hp	3 hp	3AFU7	3EYN6			Δ	3EYP5	3EYR4	3EY13	3EY15	3FCW7
¼ in Compression	Auto/Off	2 hp	3 hp	3AFU8	3EYN7			Δ	3EYP6	3EYR5	3EY14	3EY16	3FCW8
<b>MDR11 Series, (4) Port, ¼ in FNPT</b>													
No	None	2 hp	3 hp	3AFU9	3EYN8			Δ	3EYP7	3EYR6	3EY15		3FCW9
No	Auto/Off	2 hp	3 hp	3EYN1			3EYN9	Δ	3EYP8	3EYR7	3EY16		3FCW2
¼ in Compression	None	2 hp	3 hp	3EYN2	3EYP1			Δ	3EYP9	3EYR8	3EY17		3FCW3
¼ in Compression	Auto/Off	2 hp	3 hp	3EYN3	3EYP2			Δ	3EYR1	3EYR9	3EY18		3FCW4

Pressure Switch Unloader	Manual Switch Action	HP @ 1-Phase 120V	HP @ 1-Phase 240V	HP @ 3-Phase 240V	HP @ 3-Phase 480V	RANGE: 45 to 160 psi Diff.: 15 to 70 psi Factory Preset			RANGE: 60 to 232 psi Diff.: 30 to 110 psi Factory Preset		RANGE: 40 to 360 psi Diff.: 40 to 105 psi Factory Preset	
						60/80 psi Item No.	80/100 psi Item No.	100/125 psi Item No.	120/150 psi Item No.	140/175 psi Item No.	160/200 psi Item No.	215/250 psi Item No.
<b>MDR3 Series, (1) ¾ in FNPT, (3) ¼ in FNPT, (4) Port</b>												
No	None	2 hp	5 hp	7 ½ hp	15 hp	3FEW4	3FEW1	3FEW7	3FEW4	3FEW1	3FEW7	3FEW1
¼ in Compression	None	2 hp	5 hp	7 ½ hp	15 hp	3FEW5	3FEW2	3FEW8	3FEW5	3FEW8	3FEW5	3FEW2
¼ in Compression	Auto/Off	2 hp	5 hp	7 ½ hp	15 hp	3FEW6	3FEW3	3FEW9	3FEW6	3FEW9	3FEW6	3FEW3
<b>MDR3 Series, (1) Port, ¾ in FNPT</b>												
No	None	2 hp	5 hp	7 ½ hp	15 hp	3FEW1	3FEW7	3FEW4	3FEW1	3FEW7	3FEW4	3FEW1
¼ in Compression	None	2 hp	5 hp	7 ½ hp	15 hp	3FEW2	3FEW8	3FEW5	3FEW2	3FEW8	3FEW5	3FEW2
¼ in Compression	Auto/Off	2 hp	5 hp	7 ½ hp	15 hp	3FEW3	3FEW9	3FEW6	3FEW3	3FEW9	3FEW6	3FEW3

Pressure Switch Unloader	Manual Switch Action	HP @ 1-Phase 120V	HP @ 1-Phase 240V	HP @ 3-Phase 240V	HP @ 3-Phase 480V	Overload Protection	RANGE: 45 to 160 psi Diff.: 15 to 70 psi Factory Preset			RANGE: 60 to 232 psi Diff.: 30 to 110 psi Factory Preset		RANGE: 40 to 360 psi Diff.: 40 to 105 psi Factory Preset	
							80/100 psi Item No.	100/125 psi Item No.	120/150 psi Item No.	140/175 psi Item No.	160/200 psi Item No.	215/250 psi Item No.	310/360 psi Item No.
<b>MDR3/OL Series with Overload Protection, (1) ¾ in FNPT, (3) ¼ in FNPT, (4) Port</b>													
¼ in Compression	Auto/Off/Reset	½ hp	½ hp	1 hp	2 hp	2.5 to 4A	3FWK4	3FWL2	3FWL9	3AFZ7	3FWN5	3FWP3	3FWR1
¼ in Compression	Auto/Off/Reset	¾ hp	½ hp	1 ½ hp	3 hp	4 to 6.3A	3FWK5	3FWL3	3FAZ1	3AFZ8	3FWN6	3FWP4	3FWR2
¼ in Compression	Auto/Off/Reset	½ hp	1 ½ hp	3 hp	5 hp	6.3 to 10A	3FWK6	3FWL4	3AFZ2	3AFZ9	3FWN7	3FWP5	3FWR3
¼ in Compression	Auto/Off/Reset	1 hp	2 hp	5 hp	10 hp	10 to 16A	3FWK7	3FWL5	3FAZ3	3FWN1	3FWN8	3FWP6	3FWR4
¼ in Compression	Auto/Off/Reset	1 ½ hp	3 hp	—	—	16 to 20A	3FWK8	3FWL6	3FAZ4	3FWN2	3FWN9	3FWP7	3FWR5
¼ in Compression	Auto/Off/Reset	2 hp	—	7 ½ hp	15 hp	20 to 24A	3FWK9	3FWL7	3FAZ5	3FWN3	3FWP1	3FWP8	3FWR6
¼ in Compression	Auto/Off/Reset	2 hp	5 hp	—	—	22 to 30A	3FWL1	3FWL8	3FAZ6	3FWN4	3FWP2	3FWP9	3FWR7

### MDR3 Series Auxiliary Attachments

Description	120V AC Item No.	208V AC Item No.	240V AC Item No.	277V AC Item No.	480V AC Item No.	600V AC Item No.
Low Voltage Protection (Trips at <70% Rated Voltage)	3FWR8	3FWT1	3FWT3	3FWT5	3FWT7	3FWT9
Shunt Trip (Trips when Rated Voltage is Supplied)	3FWR9	3FWT2	3FWT4	3FWT6	3FWT8	3FWU1

Description	FOR MDR11 SERIES Item No.		FOR MDR3 AND MDR3/OL SERIES Item No.		Description Item No.	
	<b>Accessories</b>					
Quick-Connect Unloader Valve (For ¼" Plastic Tubing Only)	3FWD4	3FWU2			24 Amps, Standard Replacement	12T090
Delayed Unloader Valve for Compressors with Difficulty Starting, ¼" Compression Fitting	3FWD5	3FWU3			24 Amps, Standard Replacement with Auto/Off	12T091
Standard Replacement Unloader Valve, ¼" Compression Fitting	3FWD7	3FWU4			<b>MDR3 Series Thermal Overload Block</b>	
Replacement Cover, Standard	3FWD8	3FWU5			0.63 to 1 Amps	12T092
Replacement Cover, with Auto/Off Feature	3FWD9	3FWU6			1 to 1.6 Amps	12T093
Quick-Connect Electrical Terminal, ¼", Pkg. of 50	3FWD6	—			1.6 to 2.5 Amps	12T094
Compression Nut for 6mm Unloader Fitting, Pkg. of 10	3FWU7	3FWU7			2.5 to 4 Amps	12T095
Pipe Plugs, ¼" NPT (For Sealing Unused Manifold Ports), Pkg. of 10	3FWU8	3FWU8			4 to 6.3 Amps	12T096
Pipe Nipple, 2 x ¼" NPT (For Mounting Switch), Pkg. of 5	3FWU9	3FWU9			6.3 to 10 Amps	12T097
					10 to 16 Amps	12T098
					16 to 20 Amps	12T099
					20 to 24 Amps	12T101
					30 Amps, 2-Pole	12T102