



Pressure Switches

Features

- PA type of pressure switches are designed to stop and start the pumps of booster sets.
- PA-V type of pressure switches have an air release valve to enable the air compressor to start easily by releasing the air on the compressor pistons.
- Pressure switches with air release valve are used in air compressors, pressure switches without air release valve are used in booster sets.
- PA-1 type pressure switches can be adjusted to switch-off at pressures between 2,5 to 5 bars, where switch on pressures are between 0,5 to 3,9 bars.
- Three way adaptor is an optional device. Pressure guage and security valve can be mounted easily.
- PA-2 type pressure switches can be adjusted to switch-off at pressures between 7 to 11 bars, where switch on pressures are between 3 to 9 bars.
- PA-3 type pressure switches can be adjusted to switch-off at pressures between 11 to 16 bars, where switch on pressures are between 4 to 13 bars.
- PA-4 type pressure switches can be adjusted to switch-off at pressures between 4 to 8 bars, where switch on pressures are between 1 to 7 bars.

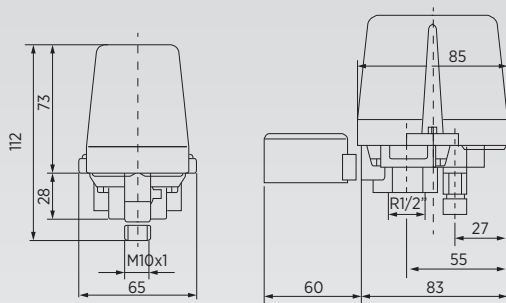
Pressure Adjustment

- Turning the main screw to clockwise direction you will increase the pressure, where the counter clockwise direction you will decrease the pressure. With main screw, the switch on pressure turn the small screw to clockwise (+ direction); you will have a bigger differential pressure. For smaller differential pressure turn the small screw to counter clockwise (-direction); you will have smaller differential pressure.
- To adjust the pressure will be easy by ordering pressure switch with manometer.
- Make the adjustment always when pressure switch under pressure.

Guarantee

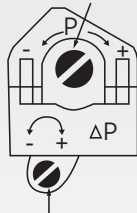
- All ETNA pressure switch have two year guarantee. However damages occurred by wrong installations and misusages are out of guarentee.

Dimensions (mm)



Adjustment

Switch off pressure

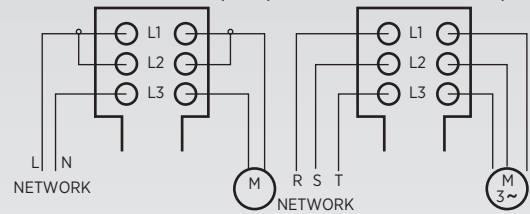


Differential pressure ΔP
(Switch - on pressure)

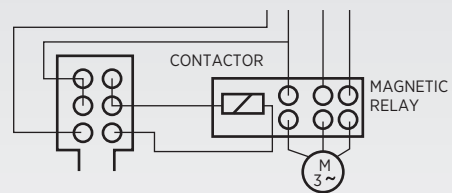
Electrical Installations

A) Up to 4 kW

MONOPHASE CONNECTION (220 V) THREE PHASE CONNECTION (380 V)



B) Over 4 kW



Technical Specification

Code Nr.	Type	Switch Off Pressure		Operating Limits		Weight	Max. Load
		Psi	Bar	Psi	Bar		
005 1005	PA-1 (1/5)	36.3	2,5	7.3-20.3	0.5-1.4	0.375 kg	3x16 Amp 380 V A C 4 kW
		43.5	3.0	10.2-27.5	0.7-1.9		
005 1105	PA-1V (1/5)	58.0	4.0	20.3-42.1	1.4-2.9		
		72.6	5.0	31.9-56.6	2.2-3.9		
005 1011	PA-2 (3/11)	101.6	7.0	43.5-69.7	3.0-4.8		
		116.1	8.0	53.7-85.6	3.7-5.9		
005 1111	PA-2V (3/11)	130.6	9.0	66.7-97.2	4.6-6.7		
		145.1	10.0	78.4-111.8	5.4-7.7		
		159.7	11.0	87.1-123.4	6.0-8.5		
005 1016	PA-3 (4/16)	159.7	11.0	58.0-116.1	4.0-8.0		
		174.2	12.0	71.1-130.6	4.9-9.0		
005 1116	PA-3V (4/16)	203.2	14.0	94.3-152.4	6.5-10.5		
		232.3	16.0	116.1-181.5	8.0-12.5		
005 1008	PA-4 (1/8)	58.0	4.0	14.5-43.5	1.0-3.0		
		72.6	5.0	21.7-58.0	1.5-4.0		
005 1108	PA-4V (1/8)	87.1	6.0	31.9-72.6	2.2-5.0		
		101.6	7.0	43.5-87.1	3--6		
			8.0	62.4-100.2	4.3-6.9		



Dudullu Organize Sanayi Bölgesi 2. Cadde No: 14
34775 Ümraniye İstanbul / Turkey
Tel : +90 216 561 47 74 (Pbx) • Fax : +90 216 561 47 50
www.etna.com.tr/en • info@etna.com.tr



ETNA®

0850 455 38 62
customer service