

THREE-POLE PRESSOSTATS

B



USE

- Regulation pressostats suitable to control electric motors for pumps, compressors, domestic or industrial surge tank groups.
- The three-pole contact allows control of a monophasic or three phase electric motor up to 9A , without a contactor.
- Suitable for fluids (gas or liquids) chemically compatible with the friction diaphragm.

INSTALLATION AND OPERATION

- Friction sensing element membrane.
- Adjustable differential.
- Female G ¼" connection.

TECHNICAL FEATURES

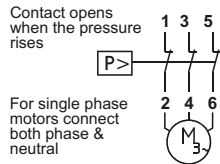
- Cover in antishock thermoplastic material .
- The metallic parts are in zynchrydate stainless steel
- Earth clamp.

HOMOLOGATION AND STANDARDS

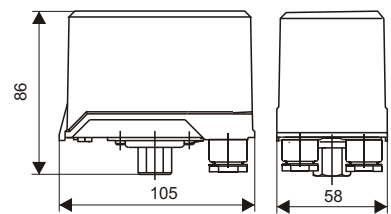
- Complies with CEI EN60947-4-1 standards

TECHNICAL FEATURES

- Double breaking for each pole, contacts in silver alloy.



Nominal insulation voltage	Ui 415V~
Continuous duty nominal current	Ith 25A
Continuous duty nominal current AC1	Ie 20A
Continuous duty nominal current AC3	Ie 9A
Three-phase motors can be operated in AC3:	
220V/250V-	380V/415V~
2,2kW (3 HP)	4kW (5,5HP)



TYPE	Break pressure	Minimum differential		Maximum differential	Max. sensitive element pressure bar	Max. fluid temperature °C	Maximum pressostat body temperature °C	Protection	Weight each Kg	Box pcs. No
	bar *	bar	bar							
B70A	0,5 to 7	+0.8	+1.8	+3.5	12	90	-15 to 60	IP 40	0.39	

- * The differential must be deducted from the range value .
- ♦ In the case of fluid temperatures higher then the maximum allowed, connect a metallic spiral between the pressure switch and the pipe to facilitate heat dispersion.
- **N.B.** Transport and storage temperatures are equivalent to the max. allowable pressostat body temperature

1bar = 100KPa

EXAMPLE: ELECTRICAL WIRING FOR DIRECT CONTROL OF ELECTRIC MOTORS

