THREE-POLE PRESSOSTATS

B

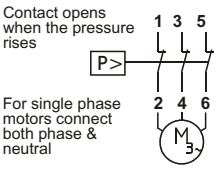
USE
-Regulation pressostats suitable to control electric motors for pumps, compressors, domestic or industrial surge tank groups.
-The three-pole contact allows control of a monophase or three phase electric motor up to 9A , without a contactor.
-Suitable for fluids (gas or liquids) chemically compatible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

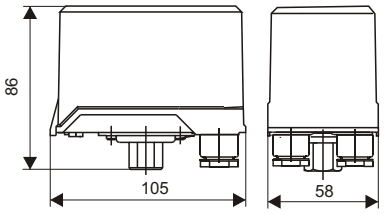
INSTALLATION AND OPERATION
-Friction sensing element membrane.
-Adjustable differential.
-Female G ¼" connection.

TECHNICAL FEATURES
-Cover in antishock thermoplastic material .
-The metallic parts are in zynchyridate 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 bar *	Minimum differential low scale bar	Minimum differential full scale bar	Maximum differential bar	Max. sensitive element pressure bar	Max . fluid temperature °C ♦	Maximum pressostat body temperature °C ●	Protection	Weinght each Kg	Box pcs. No
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