



KP-A pressure switch, for ammonia, low, high, dual versions

060-500566

KP-A pressure switches for use in refrigeration and air conditioning systems with fluorinated refrigerants and ammonia (R717/NH3).

Materials in contact with the medium in steel, primarily 18/8 stainless steel (to EN 10008-2).

KP pressure switches are designed to protect refrigeration systems from excessively high discharge pressures, excessively low suction pressures, to start/stop compressors or to operate fans of aircooled condensers.

TYPE CODE	KP1A
WEIGHT	0.301 Kg
AMBIENT TEMP. NOTE	80 °C/176 °F for max 120 min
AMBIENT TEMP. RANGE	-25 - 65 °C
AMBIENT TEMP. RANGE	-13 - 149 °F
APPROVAL	BV, c UL us UL873, CS C22.2, CCC, CE, DNV, EAC, GL, LR, LVD, PED, PZH, RINA, RMRS, RoHS China
CONTACT FUNCTION	SPDT
CONTACT RATING	AC1=16 A, 400 V
CONTACT RATING	AC15=10 A, 400 V
CONTACT RATING	AC3=16 A, 400 V
CONTACT RATING	DC13=12 W, 220 V
CONTACT RATING	LR=112 A, 400 V
DIFF.	0,70 - 4,00 bar
DIFF.	10,00 - 58,00 psi
EAN NO.	5702428016919
ELECTR. CONN.	Rubber cable gland
ELECTR. CONN. SIZE	6-14 mm
EN 60947 ELECTR. PROPERTIES	Insulation: 400V
EN 60947 ELECTR. PROPERTIES	Pollution degree: 3
EN 60947 ELECTR. PROPERTIES	Rated impulse voltage: 4 kV
EN 60947 ELECTR. PROPERTIES	Short circuit prot, fuse: 16A
EN 60947 WIRING PROPERTIES	Flex, ferrules: 0.5-1.5 mm ²
EN 60947 WIRING PROPERTIES	Flex, no ferrules: 0.7-2.5 mm ²

EN 60947 WIRING PROPERTIES	Solid/stranded: 0.75-2.5 mm ²
ENCLOSURE RATING	IP30
NEMA RATING	1
MAX. TEST PRESSURE	20,0 bar
MAX. TEST PRESSURE	290,0 psig
MWP	17,0 bar
MWP	245 psig
PACK FORMAT	Multi pack
PRESS. CONN. NOTE	Cutting ring 6mm tube
PRESS. CONN. STD.	ISO 8434-1
PRESS. CONN. TYPE	M - 12 x 1.5 Male
PRESS. SENSING ELEM.	Bellows
PRODUCT ACCESSORIES	Switches accessories
DESCRIPT.	Pressure switch
PROD. GROUP	Switches and thermostats
PROD. NAME	Pressure switch
PACK QTY.	36 pc
REFRIGERANT	R113
REFRIGERANT	R124
REFRIGERANT	R134a
REFRIGERANT	R22
REFRIGERANT	R404A
REFRIGERANT	R407A
REFRIGERANT	R407C
REFRIGERANT	R407F
REFRIGERANT	R407H

REFRIGERANT	R422B
REFRIGERANT	R422D
REFRIGERANT	R438A
REFRIGERANT	R448A
REFRIGERANT	R449A
REFRIGERANT	R450A
REFRIGERANT	R452A
REFRIGERANT	R507A
REFRIGERANT	R513A
REFRIGERANT	R717
REG. RANGE	6 inHg - 108 psig
REG. RANGE	-0,20 - 7,50 bar
RESET	Auto
SERVICEABLE	No
UL APPROVAL FILE	E31024