

FREDDOX PRESSURE CONTROL SWITCHES



Freddox D range pressure switches are adjustable devices designed to protect systems from excessively low suction or high discharge pressures.

Suitable for commercial refrigeration and air-conditioning applications. Available in single (D16P) and dual (D17P) versions, these switches have multiple pressure ranges and are compatible with non-corrosive refrigerants. They utilize bellows that respond to pressure changes and operate through an SPDT snap-action switch.

Dual models have separate low and high-pressure sides, each with its own bellows and SPDT contact. The switches can be connected to control alarms or other auxiliary devices and come in IP44 and IP30 enclosures.

Features

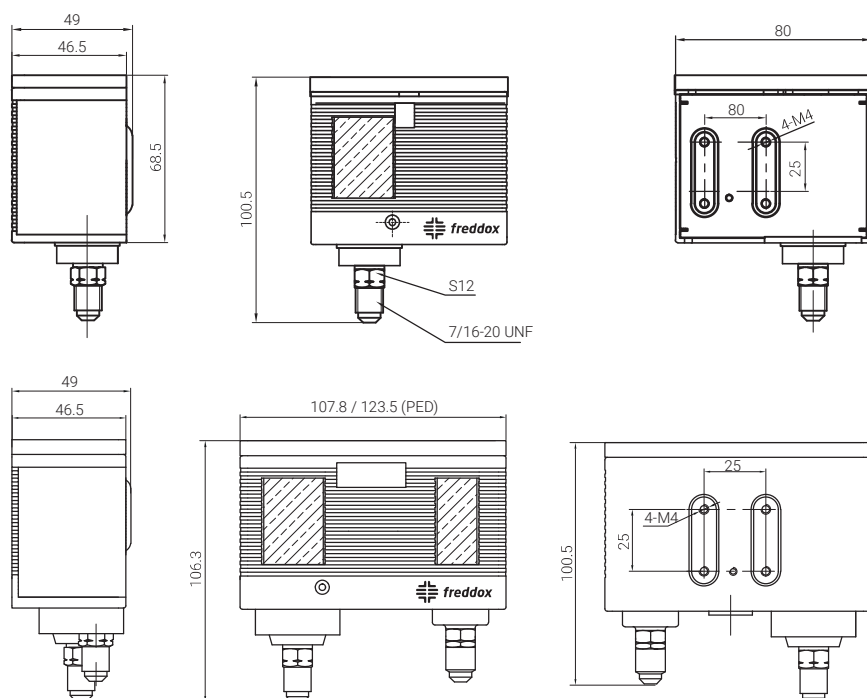
- Operational Ambient Temperatures range -40/55°C / -30/65°C(PED)
- Compatible with all HFC, HCFC, CFC and HFO refrigerants
- Single (D16P) and dual (D17P) models
- Multiple pressure ranges, compatible with non-corrosive refrigerants
- Operates via pressure-actuated bellows
- Equipped with SPDT snap-action switches
- Connectivity for alarms and auxiliary devices
- 2014/68/EU Compliant models (PED)
- CE and UKCA approved



TECHNICAL DATA

Freddox Pressure Switch

MODEL	BRIC	CONNECTION TYPE	RESET		PRESSURE RANGE (bar)		DIFFERENTIAL (bar)		MAX PRESSURE (bar)	PED	IP RATING
			LP	HP	LP	HP	LP	HP			
LP - SINGLE											
D16P LP Auto	4401-D16P07A01MS2R1	14" SAE Flare Male	Auto	-	-0.3 - 7	-	0.6 - 4	-	17	-	IP44
HP - SINGLE											
D16P HP Auto	4401-D16P30A01MS2R1	14" SAE Flare Male	-	Auto	-	7 - 31	-	2 - 8	35	-	IP44
D16P HP Man	4401-D16P30M01MS2R1	14" SAE Flare Male	-	Manual	-	7 - 31	-	≥ 2	35	-	IP30
D16P* HP Auto	4401-D16P30A02MS1R1	14" SAE Flare Male	-	Auto	-	6 - 32	-	4 - 15	35	x	IP44
D16P* HP Man	4401-D16P30M02MS1R1	14" SAE Flare Male	-	Manual	-	6 - 32	-	Fix . 4	35	x	IP30
HP/LP - DUAL											
D17P HP/LP Auto/Auto	4401-D17P30AA1MS2R1	14" SAE Flare Male	Auto	Auto	-0.3 - 7	7 - 31	0.6 - 4	2 - 8	35/17	-	IP44
D17P HP/LP Auto/Man	4401-D17P30AM1MS2R1	14" SAE Flare Male	Auto	Manual	-0.3 - 7	7 - 31	0.6 - 4	≥ 2	35/17	-	IP30
D17P* HP/LP Auto/Auto	4401-D17P30AA2MS1R1	14" SAE Flare Male	Auto	Auto	-0.5 - 7	6 - 32	0.7 - 5	Fix . 5	35/16.5	x	IP44
D17P* HP/LP Auto/Man	4401-D17P30AM2MS1R1	14" SAE Flare Male	Auto	Manual	-0.5 - 7	6 - 32	0.7 - 5	Fix . 5	35/16.5	x	IP30
ACCESSORIES											
D00A00BF	4401-D00A00BF100200	FREDDOX Pressure Switch FLAT Mount Bracket									
D00A00BA	4401-D00A00BA100200	FREDDOX Pressure Switch ANGLE Mount Bracket									



Manufacturer reserves the right to change any product specifications without notice.: BeijerRefAB_PressureSwitch_Freddox_24_EN