

Switches

overview



		Pressure switches									Differential pressure switches			Temperature switches			
Type	Standard	KP/KPI	BCP	RT	MBC	KPS			CAS	CS	MBC	CAS	RT	KP	RT	MBC	KPS
Segments	Marine and railway equipment			✓	✓	✓			✓		✓	✓	✓			✓	✓
	Industrial boilers and boiler room equipment	✓	✓	✓									✓	✓	✓		
	Autoclaves and sterilisers	✓	✓	✓									✓	✓	✓		
	Water pumps and air compressors	✓		✓						✓	✓	✓	✓	✓	✓	✓	
	Hydraulic equipment	✓		✓	✓	✓			✓		✓			✓		✓	
	Windmills				✓	✓			✓		✓			✓		✓	✓
Characteristics	Setting range	-0.2 – 28 bar	0 – 40 bar	1 – 30 bar	-0.2 – 400 bar	0 – 60 bar			0 – 60 bar	2 – 20 bar	0.3 – 5 bar	0.2 – 2.5 bar	0 – 11 bar	0 – 150 °C	-60 – 300 °C	-10 – 200 °C	-10 – 200 °C
	Contact system	SPDT		SPDT	SPDT	SPDT			SPDT	TPST and SPST	SPDT	SPDT	SPDT	SPDT	SPDT	SPDT	SPDT
	Electrical rating	AC-3	16 / 6 A, 400 V		4 A, 400 V					12 A, 400 V			4 A, 400 V	16 A, 400 V	4 A, 400 V		6 A, 400 V
		AC-15	10 / 4 A, 400 V		1 A, 250 V				0.1 A, 220 V		0.5 A, 250 V	0.1 A, 220 V	3 A, 400 V	10 A, 400 V	3 A, 400 V	0.5 A, 250 V	4 A, 400 V
	Electrical connection	Screw terminals		DIN plug	Screw terminals	DIN plug			Screw terminals	Screw terminals	DIN plug	Screw terminals	Screw terminals	Screw terminals	Screw terminals	DIN plug	Screw terminals
	Contact material	Silver or Gold		Gold	Silver or Gold	Silver			Silver	Silver	Silver	Silver	Silver or Gold	Silver	Silver or Gold	Silver	Gold
	Differential	Adjustable		Adjustable	Adjustable	Fixed			Fixed	Adjustable	Fixed	Fixed	Fixed	Adjustable	Adjustable	Fixed	Adjustable
	Special approvals	Marine		TÜV	Marine, TÜV	Marine			Marine		Marine	Marine	Marine	Marine, UL	Marine	Marine	Marine, UL
	Degree of enclosure	IP30, IP44 or IP55		IP65	IP66 or IP54	IP65			IP67	IP43 or IP55	IP65	IP67	IP66	IP30, IP44 or IP55	IP66 or IP54	IP65	IP67
	Design	Box		Box industrial	Box industrial	Compact			Box heavy duty	Box	Compact	Box heavy duty	Box industrial	Box	Box industrial	Compact	Box heavy duty
	Adjustable neutral zone			✓									✓		✓		