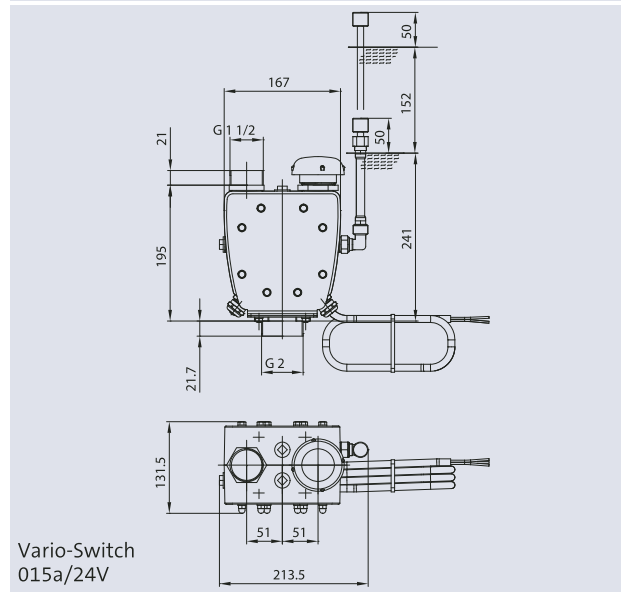
Vario-Switch
010a/24VVario-Switch
015a/24V

	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz	12 V AC	24 V DC	DMX	DMX/RDM	Plug and Spray
Vario-Switch	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

VARIO-SWITCH

Product characteristics at a glance

- Dynamically variable water effect for musical fountains or interactive water effects
- Effect switchover is virtually executed without pressure loss
- Power-saving electrical valve technology
- Stable construction and stainless steel side pieces
- Four-core connection cable provided by others
- Low maintenance in good water conditions
- No-maintenance membrane valves



Vario-Switch 010a/24V

Vario-Switch 015a/24V

In musical fountains or other fountain installations with dynamic elements water becomes lively with help from Vario switch systems.

This water switch is combined with a suitable nozzle and switches between two outputs – similar to a 3/2-way valve – almost without pressure loss and without water hammer effects in the lines. Normally one of those outputs is used as a pure bypass, however a second nozzle can also be mounted.

The air for alternately switching (e.g. atmospheric pressure on and off) is supplied via the telescopic tube. Switchover time is flow dependent and cycles of 0.1 s are achievable.

Please note: the operational range of the device is limited by the min. and max. flow rate als shown below.

Accessories (must be ordered separately)

	Order no.
Comet 10-12 T (see page 44)	50968
Comet 10-14 T (see page 44)	50969
Comet 15-17 T (see page 44)	50970

Comet 10-12 Silver (see page 42)	45454
Comet 10-14 Silver (see page 42)	50723
Comet 15-17 Silver (see page 42)	50724

Schaumsprudler 35-10 E (see page 64)	50984
Schaumsprudler 55-15 E (see page 64)	50987

Water flow and pressure requirements of the Vario-Switch with different nozzles

Model	Vario-Switch Vario-Switch 010a/24V						Vario-Switch Vario-Switch 015a/24V			
	Comet 10-12T		Comet 10-14T		Schaumsprudler 35-10E		Comet 15-17T		Schaumsprudler 55-15E	
Nozzle	DDB	DWB	DDB	DWB	DDB	DWB	DWB	DDB	DDB	DWB
Fountain height [m]	bar	l/min	bar	l/min	bar	l/min	bar	l/min	bar	l/min
0.50	0.21	27	0.25	31	0.42	38	0.16	100	0.50	158
1.00	0.35	37	0.46	40	0.72	49	0.22	123	0.92	209
1.50	0.60	46	0.66	48	0.98	57	0.32	137	1.42	255
2.00	0.72	50	0.86	55	1.22	63	0.42	154	1.92	291
2.50	0.86	55	1.06	61	1.52	70	0.52	168	2.48	322
3.00	1.02	60	1.32	67	1.80	76	0.62	181	2.80	343
3.50	1.22	65	1.55	73	2.10	81	0.72	192		
4.00	1.38	70	1.82	79			0.82	202		
4.50	1.64	75	1.96	82			0.92	214		
5.00	1.82	80	2.18	87			1.02	218		
5.50	2.10	85	3.00	96			1.12	230		

VarioSwitch		010a/24V	015a/24V
Dimensions (LxWxH)	[mm]	150 x 120 x 210	170 x 130 x 240
Nominal voltage		24V / DC	24V / DC
Power consumption	[W]	2 x 8	2 x 8
Flow rate min.	[l/min]	35.0	85.0
Flow rate max.	[l/min]	95.0	325.0
Pressure min.	[bar]	0.1	0.2
Pressure max.	[bar]	3.4	3.0
Protection class		IP 58	IP 58
Strainer	[ø mm]	2	2
Material		Plastic / stainless steel 1.4301 (AISI 304)	Plastic / stainless steel 1.4301 (AISI 304)
Weight	[kg]	5.2	6.7
Cable length	[m]	2.0	2.0
Order no.		57472	57435