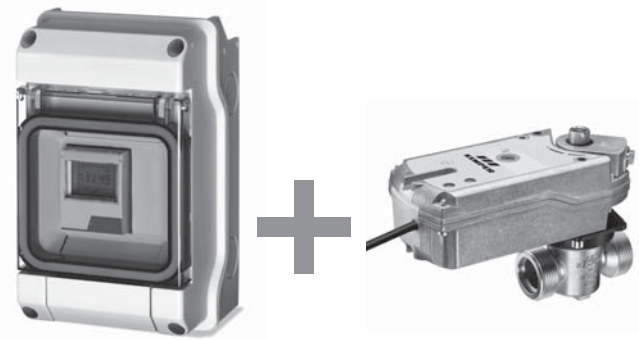


Figure 686 07 KHS Timer set
includes the timer and VAV-plus with spring-reset servo drive

Technical properties	
Power supply	230 V
Switching capacity	16 (10) A/230-250 V
Internal consumption	6 VA (about 1 W)
	32 memory locations, precise switching operations
	Clock accuracy $\pm 1\text{s/day}$ at 23 °C
	Ambient temperature range from -10 °C to + 45 °C
	IP 65 enclosure protection
	Flame resistant, self-extinguishing, halogen-free
	VAV DIN-/DVGW approved according to W 570 and DIN EN 13828
	parts that contact fluid made of gunmetal



686 07 KHS-Timer set with VAV
with spring-reset servo drive

Product description / Tender text	
KEMPER KHS Timer set , for time-controlled flushing of terminal or seldom-flooded pipeline sections, consisting of:	
<p>Digital timer for triggering the servodrive for programming the desired flushing time and flushing duration on all weekdays, cyclic program, smallest switching time 1s, clock accuracy $\leq \pm 1\text{s/day}$ at 23 °C, On / Off switching operations, 32 memory locations programmable, operating temperature range -10 °C to +45 °C, 230 V AC, 45-60 Hz, switching capacity 16 A / 250 V, operational reserve 4 years without power, integrated in an automat housing, hinged with inspection glass, splashproof according to protection class IP 65, protection class II according to EN 60335, suitable for wall installation and</p>	
<p>Maximum flow isolating ball valve, extremely low-pressure loss version with DIN EN 13828 corresponds to the drinking water hygiene requirements according to DVGW W 570, made entirely from gunmetal, resistant against aggressive water, brass-free in areas that touch fluids, with maintenance-free spindle sealing, 'Top Entry' head part can be removed from top, made with EPDM gasket body with rotating-supported gunmetal closing body, stagnant-zone-free, can be rotated 90°, with DIN/DVGW and soundproofing certificate, rated pressure PN 16 and</p>	
<p>Servo drive, for controller with switching output 2-point control, supply voltage 230 V, runtime motor 90° 90 sec., spring 15 sec., reset during voltage drop, electronic torque-dependent switch off with self-centring lock lever and fixed flange for mounting on the valve, hexagonal spanner for manual adjustment or spring-lift, connection cable 0.9 m, 2 x 0.75 mm²,</p>	
<p>Maximum flow isolating ball valve with male thread according to DIN 3546, Part 1, for universal connection to fittings for copper, steel, stainless steel and multilayer duplex tubes, from DN 15 (3/4") to DN 32 (1 1/2")</p>	

- For more information please see reverse side

Dimensions KHS-VAV Maximum flow isolating ball valve with spring-reset servo drive, see datasheet Figure 686 05

Materials	
Housing timer	Plastic, flame resistant
VAV-housing, spindle	Gunmetal
Seal element	EPDM
Coupling	Brass
Drive housing	Light-metal casting
Axis adapter	Steel
Flange adapter	PA

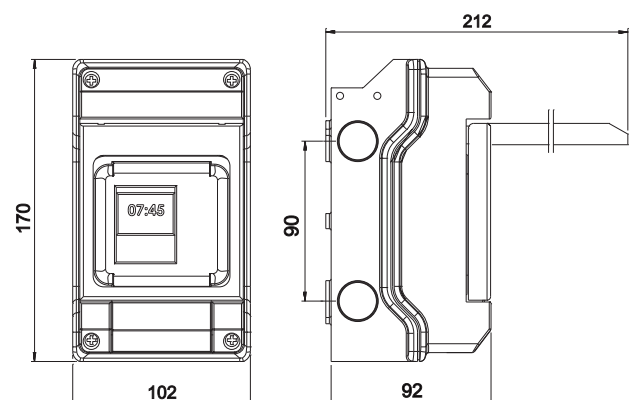


Figure 686 07 KHS Timer set
includes the timer and VAV-plus with spring-reset servo drive

Technical information

Area of application

- The KHS-Timer set is available in combination with the KHS-VAV with servo drive (Figure 686 06 = Figure 686 04 + Figure 686 02 011) or the KHS-VAV plus Maximum flow isolating ball valve with servo drive and spring reset (Figure 686 07 = Figure 686 05 + 686 02 011).
- Application area is stagnating drinking water lines for stagnation prevention.
- Day or week programming with smallest switching time of 1 sec. can be set.
- Time timer has 32 programmable memory locations in blocks plus automatic switchover between daylight savings - standard time.