

Actuator for mixing valves, type AVC



Main features	
Application	control of mixing valves
Description	mixing valves can be controlled by AVC actuators either by 3-point control or by 0-10V proportional control; the side LEDs indicate momentary movement direction, the middle LED indicates the state of the aux. microswitch, position of the valve member can be read from the sight glass (blue vs. red); for 0-10V actuators the position can be read through the analogue output U (0-10 V)
Connection to a valve	included is a set of adapters for connection of valves of various manufacturers: ASCAVMSA for Esbe, Seltron, Somatherm, Acaso, Afriso, IVAR, PAW, Hora, BRV, IMIT, Barberi, LK Armatur, Vexve, Olymp, Hoval (5 Nm); ASCAVMSG for Esbe VRG

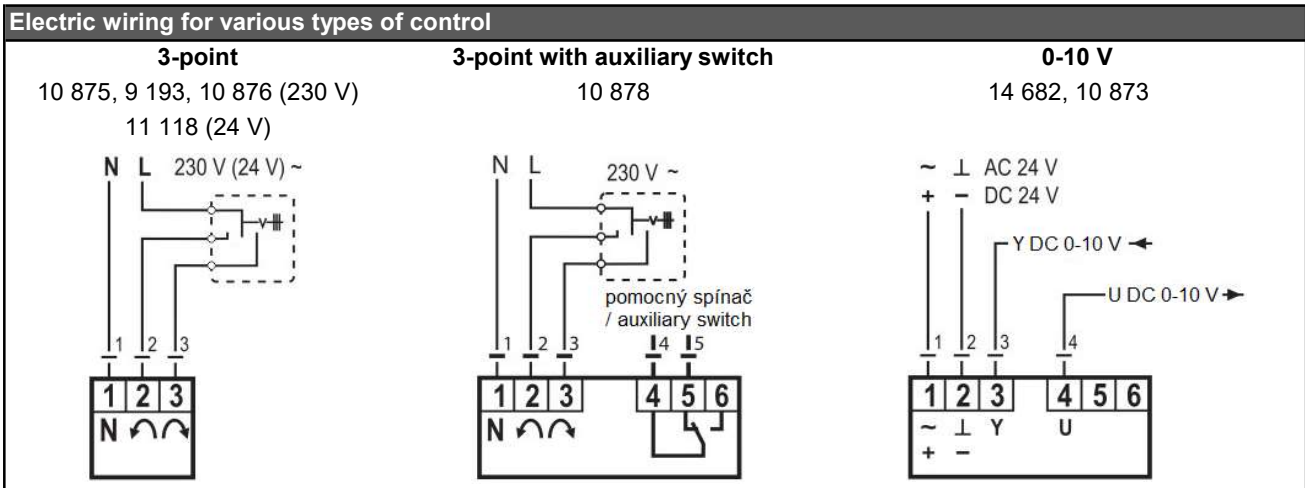
Control	3-point				0-10 V		
Torque	5 Nm	5 Nm	5 Nm	5 Nm	5 Nm	5 Nm	10 Nm
Angle of rotation	90°	90°	90°	90°	90°	90°	90°
Shift time	60 s	120 s	240 s	120 s	120 s	60-90-120 s ¹⁾	60-90-120 s ¹⁾
Auxiliary switch	no	no	no	yes ²⁾	no	no	no
Power supply	230 V ~	230 V ~	230 V ~	230 V ~	24 V ~	24 V ~ / -	24 V ~ / -
Max. power input	2,5 VA	2,5 VA	2,5 VA	2,5 VA	2,5 VA	5 VA	5 VA
IP rating	IP42	IP42	IP42	IP42	IP42	IP42	IP42
Protection class ³⁾	II	II	II	II	II	III	III
Ambient	0 to 40 °C	0 to 40 °C	0 to 40 °C	0 to 40 °C	0 to 40 °C	0 to 40 °C	0 to 40 °C
Objednací kód	10 875	9 193	10 876	10 878	11 118	14 682	10 873

1) default value for shift time is 60 s, it can be changed to 90 or 120 s; 2) max. load of the auxiliary switch is 3 A; 3) as per EN 60730-1

Dimensions and weight							
Dimensions	84 x 101 x 85 mm (all models)						
Weight	0,46 kg	0,44 kg	0,44 kg	0,48 kg	0,44 kg	0,46 kg	0,58 kg

Power cable							
Cross section area	3 x 0,5 mm ²	3 x 0,5 mm ²	3 x 0,5 mm ²	5 x 0,5 mm ²	3 x 0,5 mm ²	4 x 0,5 mm ²	4 x 0,5 mm ²
Lenght	2 m	2 m	2 m	2 m	2 m	2 m	2 m

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KEY (to cable colours):

- | | |
|--------------------------------------|---|
| 9 193, 10 875, 10 876, 11 118 | 1 - blue, 2 - black, 3 - brown |
| 10 878 | 1 - blue, 2 - black, 3 - brown, 4 - red, 5 - grey |
| 10 783, 14 682 | 1 - red, 2 - black, 3 - white, 4 - grey |