



Product Service

Attestation of Conformity

No. E8A 113133 0001 Rev. 00

Holder of Certificate: **AV ACTUATORS LTD**
Unit 12, Lyttleton Road, Racecourse Industrial Estate
Persore, Worcestershire WR10 2DF
UNITED KINGDOM

Name of Object: **Actuators**
(Electric actuators)

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with all essential requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 64713203087301A

Date, 2021-06-29

(Tony Liu)

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After preparation of the necessary technical documentation as well as the EU Declaration of conformity the required CE marking can be affixed on the product. That Declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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Model(s):

AVA 05X, AVA 10X, AVA 20X, AVA 50X, AVA 80X, AVA 110X,
AVA 200X, AVA 400X, AVA 1000X, AVA 2000X

("X" denotes kind of signal interface: it can be T: 4-20mA, B: 485, C: Relay, D: Timer, N: Dry contacts, P: PID control)

Parameters:

Rated voltage, rated power:	See the table 1
Maximum rated mechanical load:	See the table 1
Over voltage category:	II
Rated Impulse Withstand Voltage (Uimp):	2500 V
Action Type:	Multi-position action
Type of movement	Rotary movement
Travel time:	See table 1 for details
Maximum Angular rotation:	90° (Open: anticlockwise, close: clockwise)
Number of cycles of actuation (A) of each automatic action:	20000
Degree of pollution:	2
IP protection degree:	IP67
Action type:	Type 1.AB
Protection against electric shock:	Incorporated control of class I equipment



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table 1

Model	Rated value	Travel time	Maximum rated mechanical load
AVA 05X	12VDC ,24VDC, 24VAC 95~265V AC, 50/60Hz, Max. 8W	5s	5Nm
AVA 10X	12VDC ,24VDC, 24VAC 95~265V AC, 50/60Hz, Max. 12W	5s	10Nm
AVA 20X	12VDC ,24VDC, 24VAC 95~265V AC, 50/60Hz, Max. 15W	10s	20Nm
AVA 50X	12VDC ,24VDC, 24VAC 95~265V AC, 50/60Hz, Max. 40W	12s	50Nm
AVA 80X	12VDC ,24VDC, 24VAC 95~265V AC, 50/60Hz, Max. 60W	10s	80Nm
AVA 110X	12VDC ,24VDC, 24VAC 95~265V AC, 50/60Hz, Max. 100W	10s	110Nm
AVA 200X	12VDC ,24VDC, 24VAC 95~265V AC, 50/60Hz, Max. 50W	25s	200Nm
AVA 400X	12VDC ,24VDC, 24VAC 95~265V AC, 50/60Hz, Max. 80W	25s	400Nm
AVA 1000X	12VDC ,24VDC, 24VAC 95~265V AC, 50/60Hz, Max. 200W	25s	1000Nm
AVA 2000X	12VDC ,24VDC, 24VAC 95~265V AC, 50/60Hz, Max. 300W	30s	2000Nm

Tested according to:

EN 60730-1:2016/A1:2019
 EN IEC 60730-2-14:2019
 EN IEC 61000-6-2:2019
 EN IEC 61000-6-4:2019