

ELA: Electric Actuator - 110V

On/Off Electric Actuator • Weatherproof Enclosure

STANDARD SPECIFICATIONS

General	
Series	ELA
Figure	7907
Torque Range	354 to 10,621 in-lb
Standard Working Temperature	-4°F to +158°F
Power Supply	110VAC
Design Parameters	
Mounting	Direct Mounting - ISO 5211
Position Indicator	Yes
Emergency Manual Operation	Yes
Potential Free Switch Contact	Yes
Protection Class	IP67, NEMA 4 & 6
Materials of Construction	
Cover/Shaft	Aluminum Anodized Housing & Polyester Coated Enclosure
Shaft	Steel
Mounting	Stainless Steel



ORDERING INFORMATION

On/Off Actuator Only

Size	Item #	Description	Input	ISO Mount	Rating	Material	Torque (in-lb)
40	ELA00400305-24V-110V	Electric On/Off	24VDC & 110VAC	Bolt: F03-F04-F05; Drive: 11x11mm	Weatherproof IP67, NEMA 4 & 6	Aluminum Alloy	354
60	ELA00600307-110V	Electric On/Off	110VAC	Bolt: F03-F05-F07; Drive: 14x14mm	Weatherproof IP67, NEMA 4 & 6	Aluminum Alloy	531
80	ELA008007-110V	Electric On/Off	110VAC	Bolt: F07; Drive: 17x17mm	Weatherproof IP67, NEMA 4 & 6	Aluminum Alloy	708
100	ELA010007-110V	Electric On/Off	110VAC	Bolt: F07; Drive: 17x17mm	Weatherproof IP67, NEMA 4 & 6	Aluminum Alloy	885
150	ELA01500710-110V	Electric On/Off	110VAC	Bolt: F07-F10; Drive: 17x17mm	Weatherproof IP67, NEMA 4 & 6	Aluminum Alloy	1328
200	ELA02000710-110V	Electric On/Off	110VAC	Bolt: F07-F10; Drive: 17x17mm	Weatherproof IP67, NEMA 4 & 6	Aluminum Alloy	1770
300	ELA03001012-110V	Electric On/Off	110VAC	Bolt: F10-F12; Drive: 22x22mm	Weatherproof IP67, NEMA 4 & 6	Aluminum Alloy	2655
500	ELA05001012-110V	Electric On/Off	110VAC	Bolt: F10-F12; Drive: 27x27mm	Weatherproof IP67, NEMA 4 & 6	Aluminum Alloy	4425
600	ELA06001012-110V	Electric On/Off	110VAC	Bolt: F10-F12; Drive: 27x27mm	Weatherproof IP67, NEMA 4 & 6	Aluminum Alloy	5310
800	ELA08001214-110V	Electric On/Off	110VAC	Bolt: F12-F14; Drive: 27x27mm	Weatherproof IP67, NEMA 4 & 6	Aluminum Alloy	7081
1200	ELA12001214-110V	Electric On/Off	110VAC	Bolt: F12-F14; Drive: 27x27mm	Weatherproof IP67, NEMA 4 & 6	Aluminum Alloy	10621

Technical information - 110VAC

Fig. 7907 type	Max Torque Nm / (in-lbs)	Operating time in s/90° (50/60Hz)	Duty cycle according to IEC 60034-1 S4	Valve top flange connection according to ISO 5211	115 VAC Rated in A (50/60Hz)	230 VAC Rated in A (50/60Hz)	Power in W (115/230VAC)	Weight in kg (lbs)
ELA60	60 / (531)	14/12	35%	F03-F05-F07, V14	0,35/0,35	0,18/0,17	36/37	3 (6.6)
ELA80	80 / (708)	16/13	70%	F07, V17	0,97/0,91	0,47/0,42	102/103	7,5 (16.5)
ELA100	100 / (885)	20/17	70%	F07, V17	0,97/0,91	0,47/0,42	103/107	7,5 (16.5)
ELA150	150 / (1328)	25/21	70%	F07-F10, V17	1,46/1,38	0,69/0,69	184/179	16,5 (36.4)
ELA200	200 / (1770)	25/21	70%	F07-F10, V17	1,46/1,38	0,69/0,69	193/193	16,5 (36.4)
ELA300	300 / (2655)	31/26	70%	F10-F12, V22	1,16/1,32	0,52/0,65	221/230	22 (48.5)
EAL500	500 / (4425)	31/26	70%	F10-F12, V27	2,30/2,95	1,00/1,10	386/344	23 (50.7)
ELA600	600 / (5310)	31/26	70%	F10-F12, V27	2,30/2,95	1,00/1,10	405/375	23 (50.7)
ELA800	800 / (7081)	37/31	70%	F12-F14, V27	3,25/3,45	1,65/1,75	526/506	29 (63.9)
ELA1200	1200 / (10621)	37/31	70%	F12-F14, V27	3,25/3,45	1,65/1,75	635/552	29 (63.9)

Electric actuators | for ball and butterfly valves

In industrial and maritime environments electric actuators must be suitable to operate in the most challenging conditions. Therefore the Econ® Fig. 7907 ELA actuator has a robust design and can be mounted on all ball valves, butterfly valves, damper valves and plug valves with an ISO 5211 mounting flange. In most cases the Econ® valves can be assembled with these ELA actuators directly. The use of a bracket and coupling is not needed. The ELA actuators offer reliability, ease of use and an excellent price-quality ratio.

ELA40

An extreme compact, light weight multi-voltage actuator for small ball valves up to a maximum torque of 40Nm.



Specification

Power supply | 24VDC and 95-245VAC-50/60Hz, ±10%

Limit switches | Open/close, SPDT, 250VAC 5A

Additional limit switches | Open/close, SPDT, 250VAC 5A

Valve connection | According to ISO 5211

Ambient temperature | -20°C to +70°C

ELA60

A compact actuator for ball and butterfly valves up to a maximum torque of 60Nm.



Specification

Power supply | 110VAC

Limit switches | Open/close, SPDT, 250VAC 5A

Additional limit switches | Open/close, SPDT, 250VAC 5A

Valve connection | According to ISO 5211

Ambient temperature | -20°C to +70°C

ELA80 up to 1200

A series of robust actuators for all quarter turn valves with a torque between 80 and 1200Nm.



Specification

Power supply | 110VAC

Limit switches | Open/close, SPDT, 250VAC 16A

Additional limit switches* | Open/close, SPDT, 250VAC 16A

Torque switches* | Open/close, SPDT, 250VAC 16A

Valve connection | According to ISO 5211

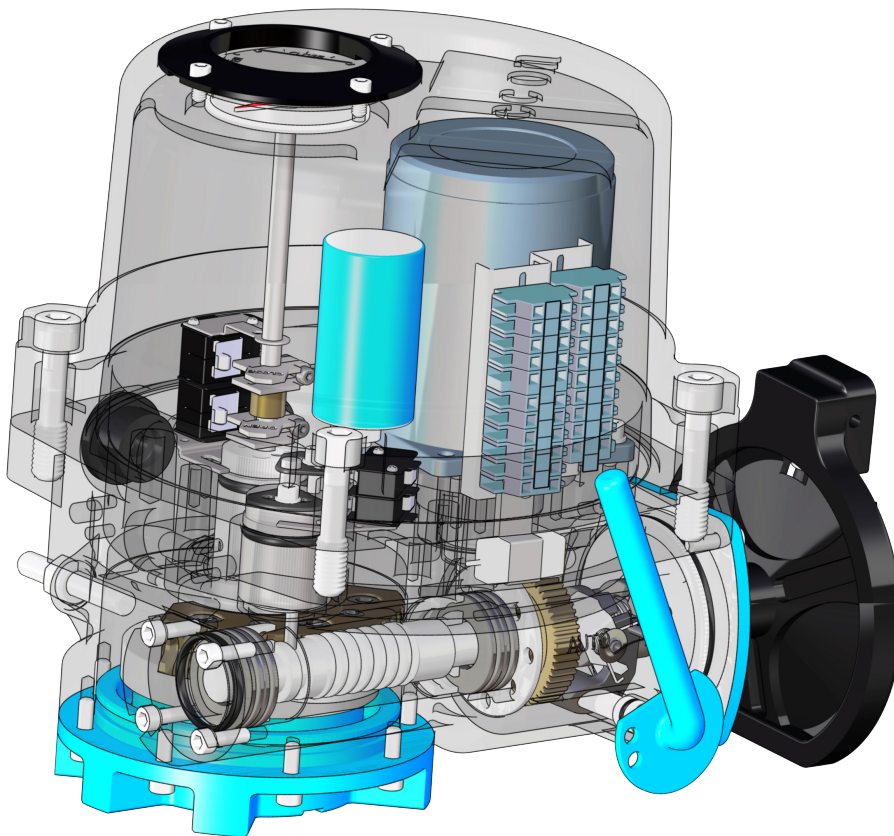
Ambient temperature | -20°C to +70°C

* except for ELA 80 and 100



Features

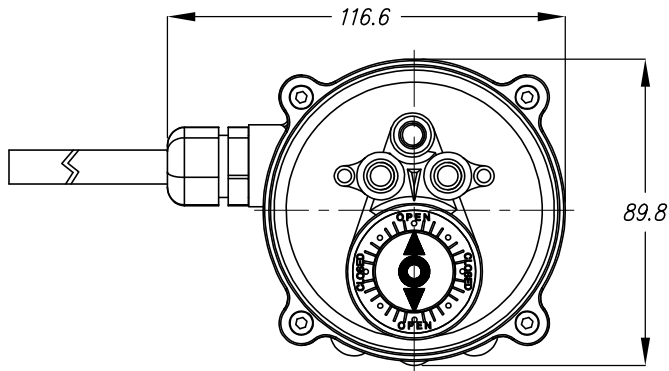
- Design according to EN 15714-2
- Standard equipped with visual position indicator
- Weather proof IP67 enclosure, NEMA 4 and 6
- Actuator can be direct mounted on the valve
- Low current consumption
- 70% duty cycle for E
- Light weight aluminium enclosure
- Noiseless
- Thermal protection of the electric motor
- Corrosion proof by a aluminium anodised and Polyester coated enclosure
- Double square stem connection. Fits both a parallel and diagonal square valve stem
- Equipped with a manual override. The types ELA80 up to 1200 even have an automatic clutch that uncouples the handwheel when the actuator is being operated electrically
- During the whole cycle 100% of the maximum torque can be supplied



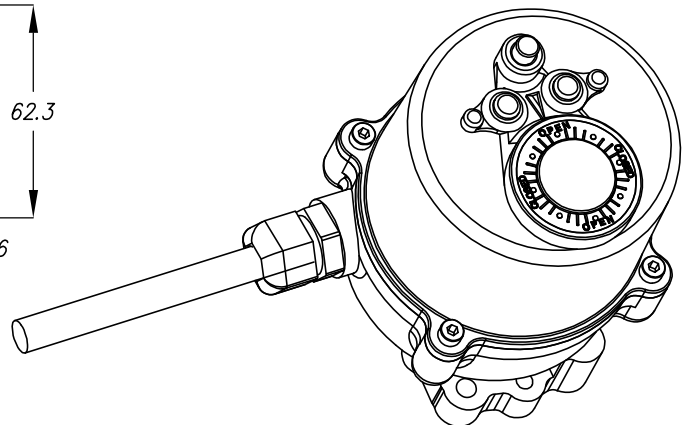
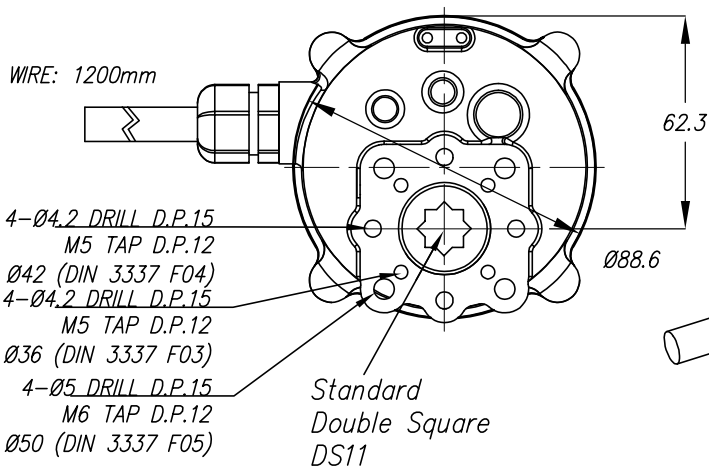
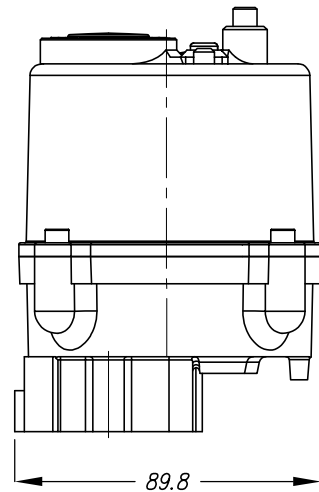
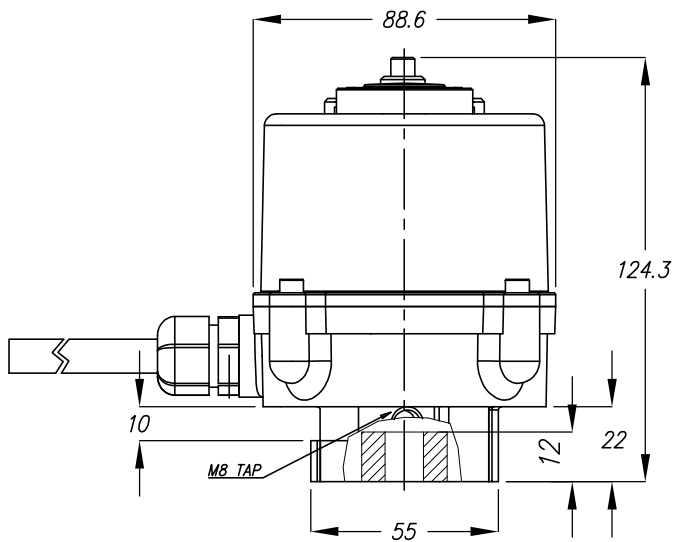
- Limit switches and additional limit switches can be set stepless and very precise by a reliable clamping system
- The types ELA80 and 1200 are equipped with a robust worm wheel transmission
- Standard equipped with a space heater for anti-condensation
- Captive cover bolts cannot be lost during maintenance
- Standard equipped with an electrical grounding point
- Also modulating actuators can be supplied from stock
- Terminal block with spring loaded clamps (no screws)

ELECTRIC ACTUATOR ELA40 WITH DRIVE BUSHING

DOUBLE SQUARE INSERT DS11



ENCLOSURE: IP67
 TORQUE: 4Kg.m/40Nm/354 lb-in
 OPERATION TIME: 12sec
 POSITION SWITCH: 4 SPDT SWITCH
 CABLE ENTRY: PG11
 MOUNTING FLANGE: F03/F04/F05
 acc. to DIN/ISO5211



DATE:
08-11-2012

REV. DATE:

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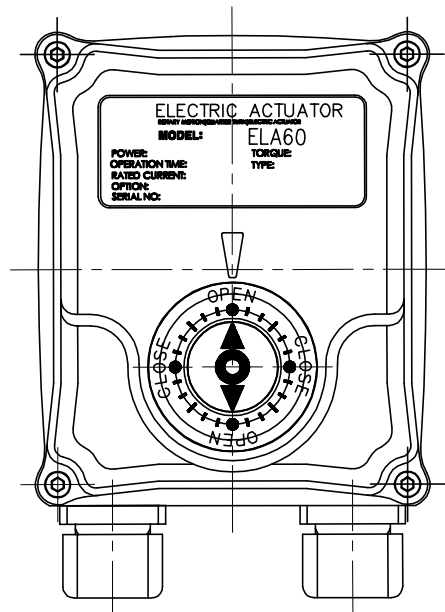
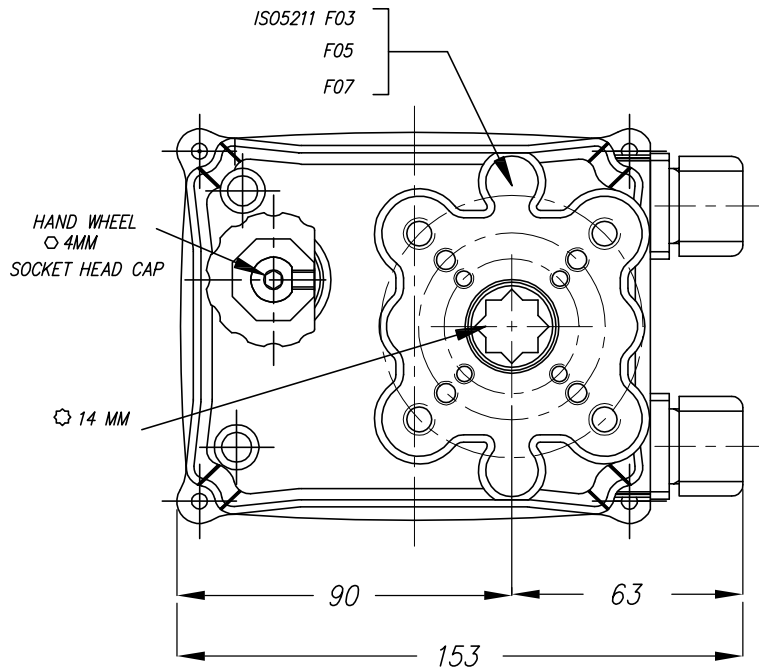
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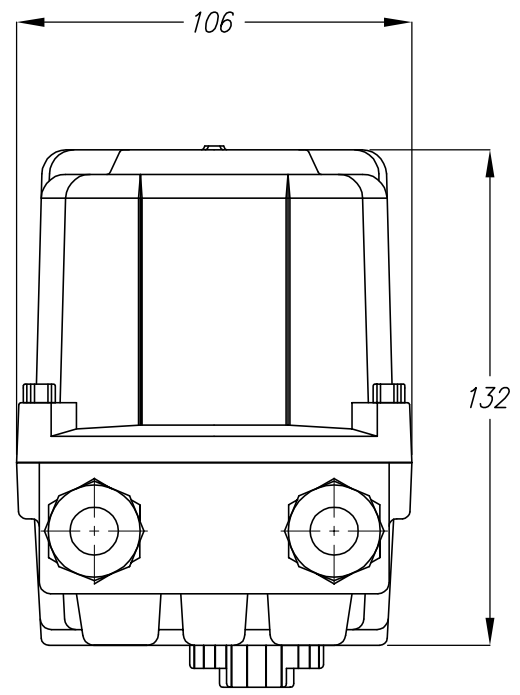
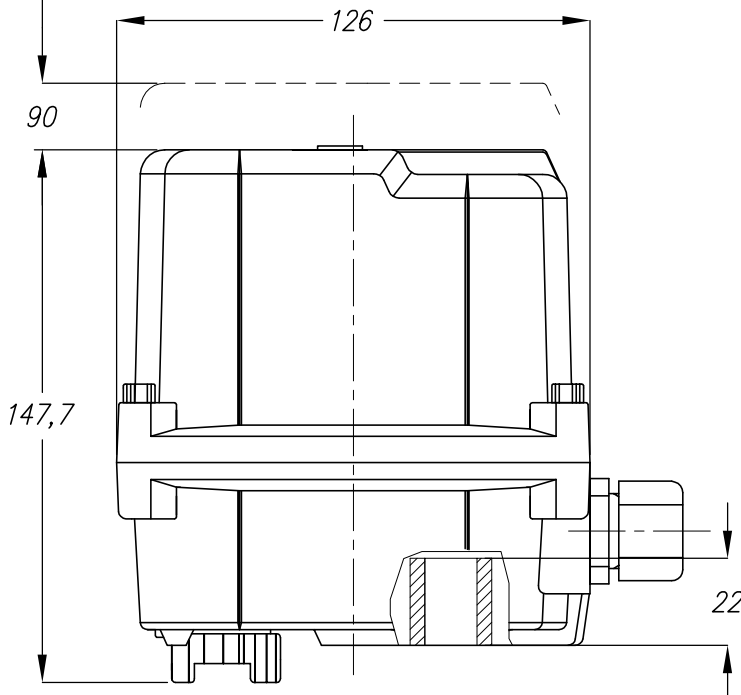
ELECTRIC ACTUATOR ELA60 WITH DRIVE BUSHING

DOUBLE SQUARE INSERT DS14

ENCLOSURE: IP67
 TORQUE: 6Kg.m/60Nm/531 lb-in
 OPERATION TIME: 12sec
 POSITION SWITCH: 4 SPDT SWITCH
 CABLE ENTRY: PG11
 MOUNTING FLANGE: F03/F05/F07
 acc. to DIN/ISO5211



MIN. DIMENSION NEEDED FOR OPENING THE COVER: 90 MM



DATE:
 12-11-2012

REV. DATE:
 11-12-2017

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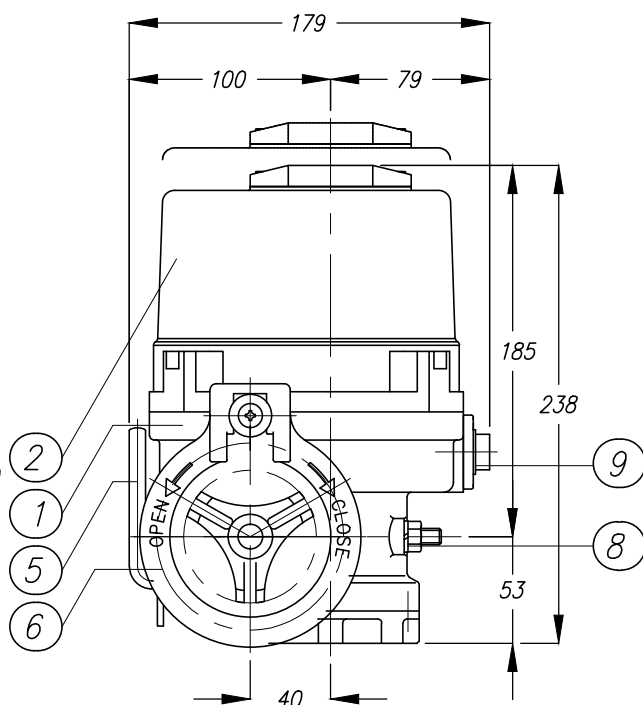
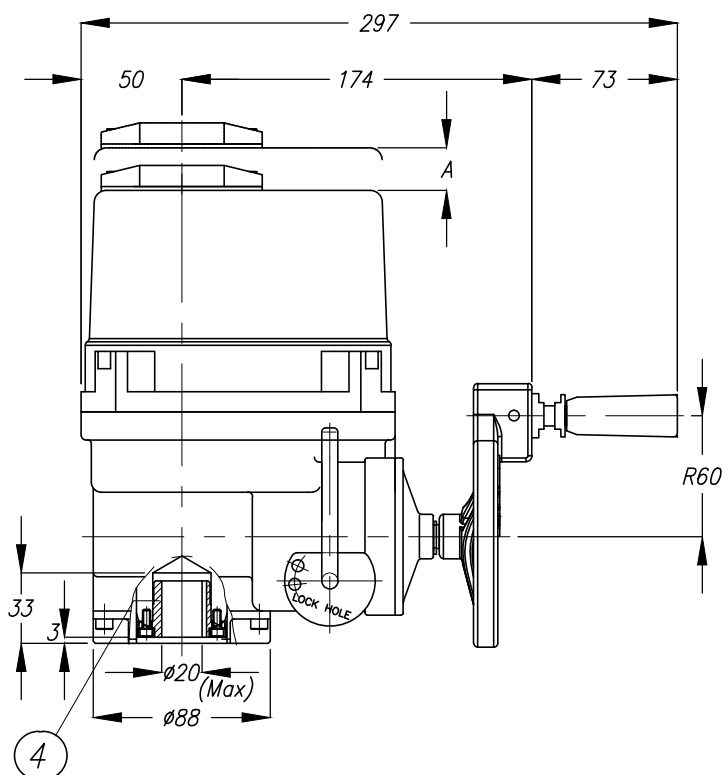
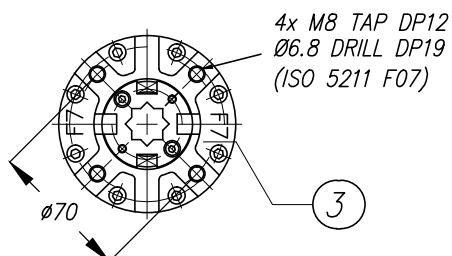
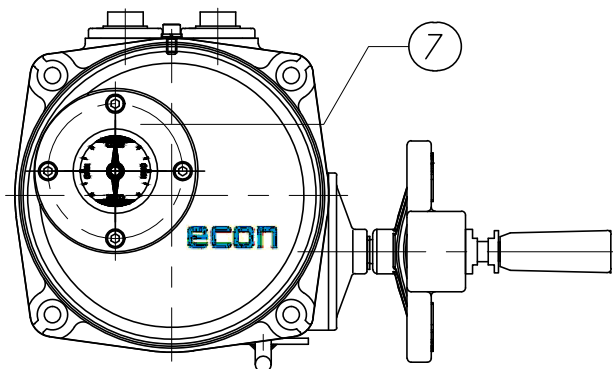
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ELECTRIC ACTUATOR ELA80 AND ELA100 WITH DRIVE BUSHING

DOUBLE SQUARE INSERT DS17 MM



POS	NAME	MATERIAL
1	BODY	AC4B
2	TOP COVER	AC4B
3	BASE	FC250
4	DRIVE BUSHING	SM45C
5	LEVER	SM45C
6	HANDLE	AC4B
7	INDICATOR	SUS304
8	STOPPER BOLTS	SUS302 2x M8x40
9	CONDUIT ENTRIES	PC+G30% 2x M25

SIZE "A" IS THE DIFFERENCE TO REMOVE THE COVER OF THE ACTUATOR NAMELY 120MM

ENCLOSURE: IP67
 TORQUE: 8 Kg.m / 80 Nm ELA80
 TORQUE: 10 Kg.m / 100 Nm ELA100
 OPERATION TIME: ±15sec ELA80 ±19.5sec ELA100
 CABLE ENTRY: 2x M25
 MOUNTING FLANGE: F07 acc. to DIN/ISO 5211

DATE:
12-11-2012

REV. DATE:
18-12-2013

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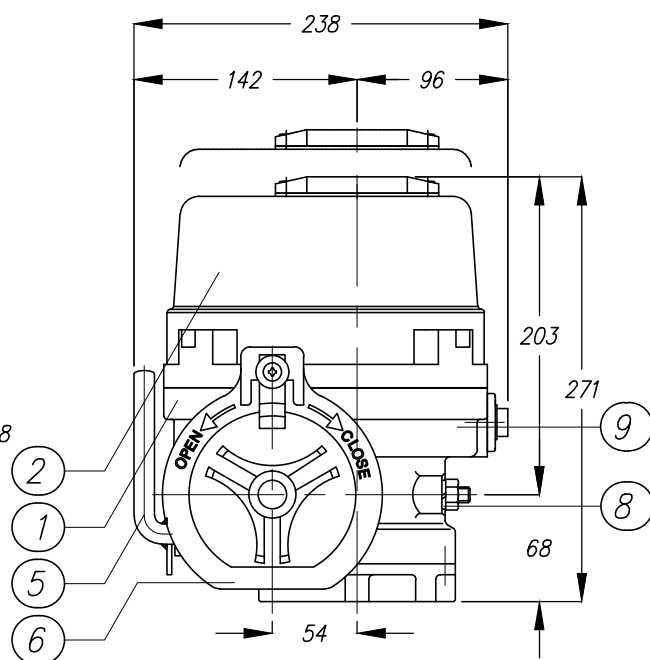
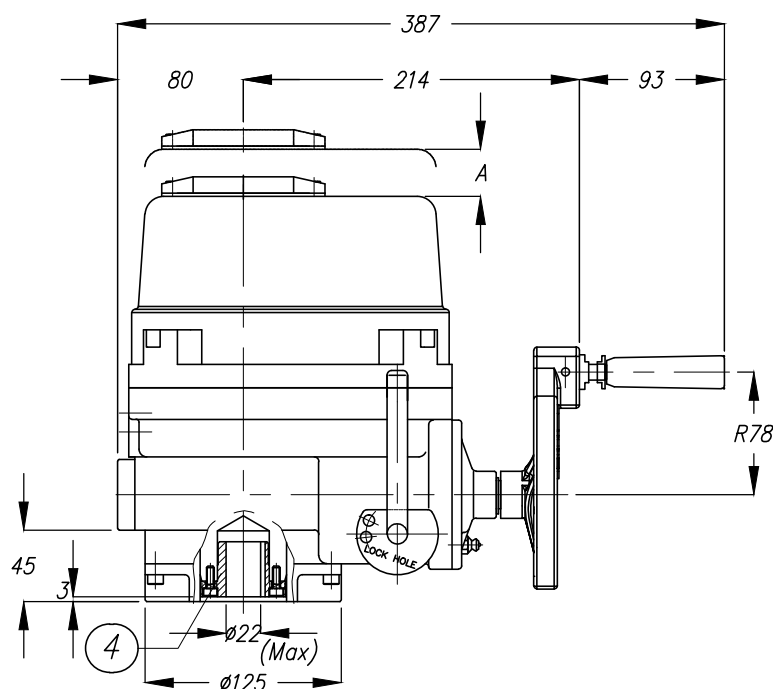
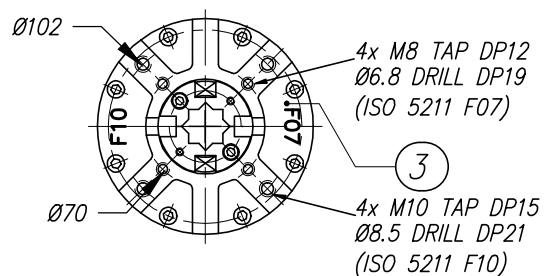
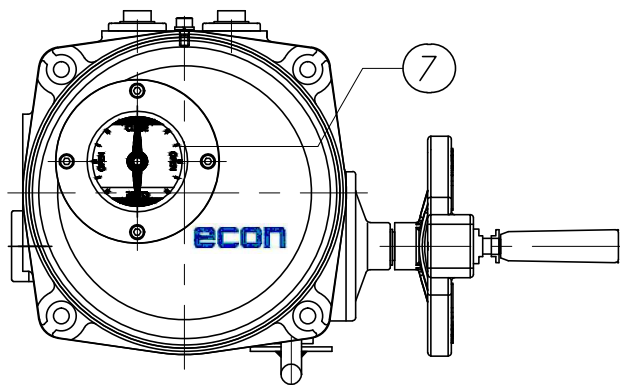
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ELECTRIC ACTUATOR ELA150 AND ELA200 WITH DRIVE BUSHING

DOUBLE SQUARE INSERT DS17 MM



POS	NAME	MATERIAL
1	BODY	AC4B
2	TOP COVER	AC4B
3	BASE	FC250
4	DRIVE BUSHING	SM45C
5	LEVER	SM45C
6	HANDLE	ALDC12
7	INDICATOR	SUS304
8	STOPPER BOLTS	SUS302 2x M10x50
9	CONDUIT ENTRIES	PC+G30% 2x M25

SIZE "A" IS THE DIFFERENCE TO REMOVE THE COVER OF THE ACTUATOR NAMELY 160MM

ENCLOSURE: IP67
 TORQUE: 15 Kg.m / 150 Nm ELA150
 TORQUE: 20 Kg.m / 200 Nm ELA200
 OPERATION TIME: ±23sec ELA150 AND ELA200
 CABLE ENTRY: 2x M25
 MOUNTING FLANGE: F07/F10 acc. to DIN/ISO 5211

DATE:
20-11-2012

REV. DATE:
18-12-2013

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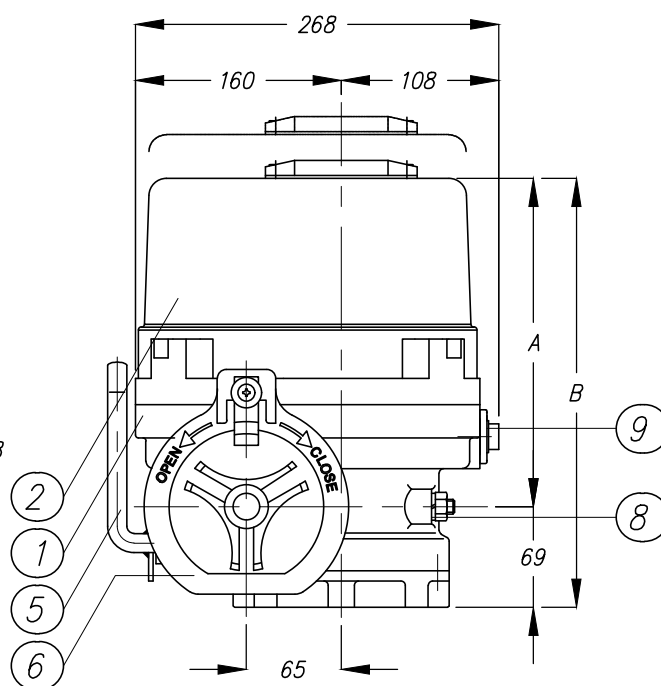
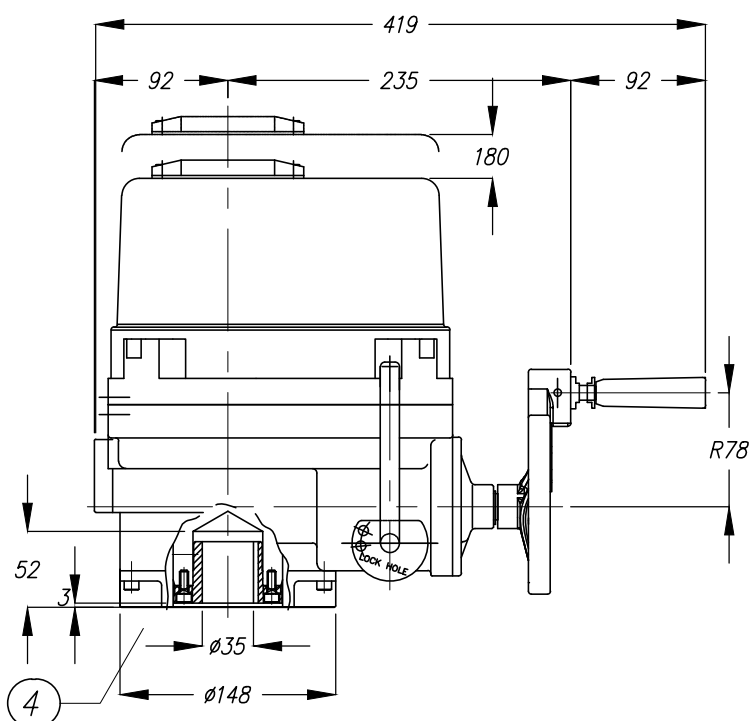
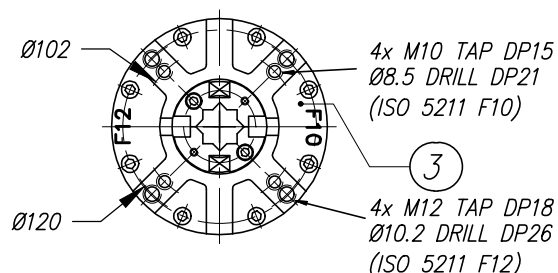
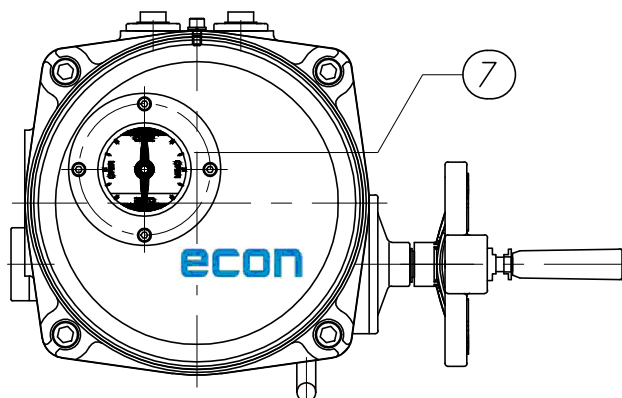
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ELECTRIC ACTUATOR ELA300, ELA500 AND ELA600

WITH DRIVE BUSHING DOUBLE SQUARE INSERT DS22 MM OR DS27MM



ELA	A	B
300	221	290
500	235	304
600	235	304

POS	NAME	MATERIAL
1	BODY	AC4B
2	TOP COVER	AC4B
3	BASE	FC250
4	DRIVE BUSHING	SM45C
5	LEVER	SM45C
6	HANDLE	AC4B
7	INDICATOR	SUS304
8	STOPPER BOLTS	SUS302 2x M10x60
9	CONDUIT ENTRIES	PC+G30% 2x M25

THE SPACE NEEDED TO REMOVE THE COVER OF THE ACTUATOR IS 180MM

ENCLOSURE: IP67
 TORQUE: 30Kg.m / 300Nm ELA300
 TORQUE: 50Kg.m / 500Nm ELA500
 TORQUE: 60Kg.m / 600Nm ELA600
 OPERATION TIME: ±28sec
 CABLE ENTRY: 2x M25
 MOUNTING FLANGE: F10/F12 acc. to DIN/ISO5211
 DRIVE BUSHING: ELA300 Double square insert of 22mm
 DRIVE BUSHING: ELA500 Double square insert of 27mm
 DRIVE BUSHING: ELA600 Double square insert of 27mm

DATE:
20-11-2012

REV. DATE:
17-11-2016

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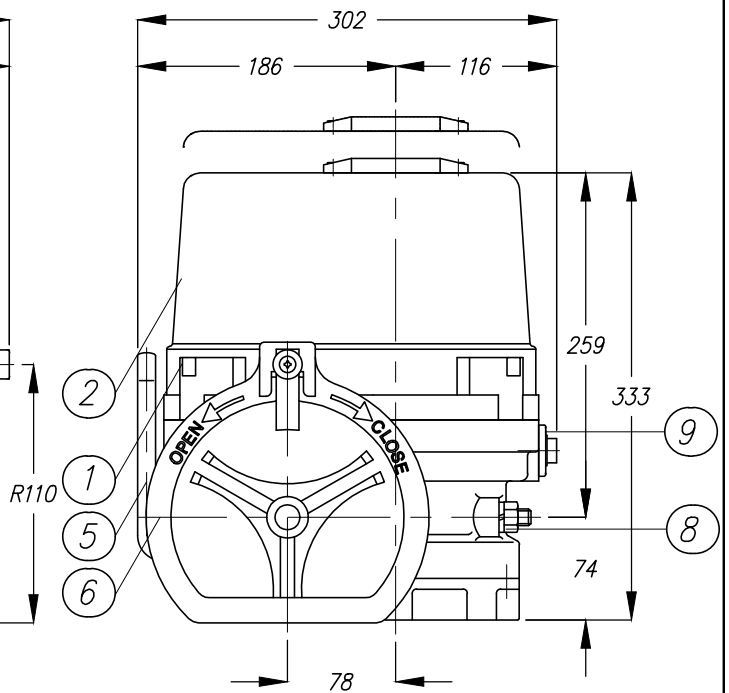
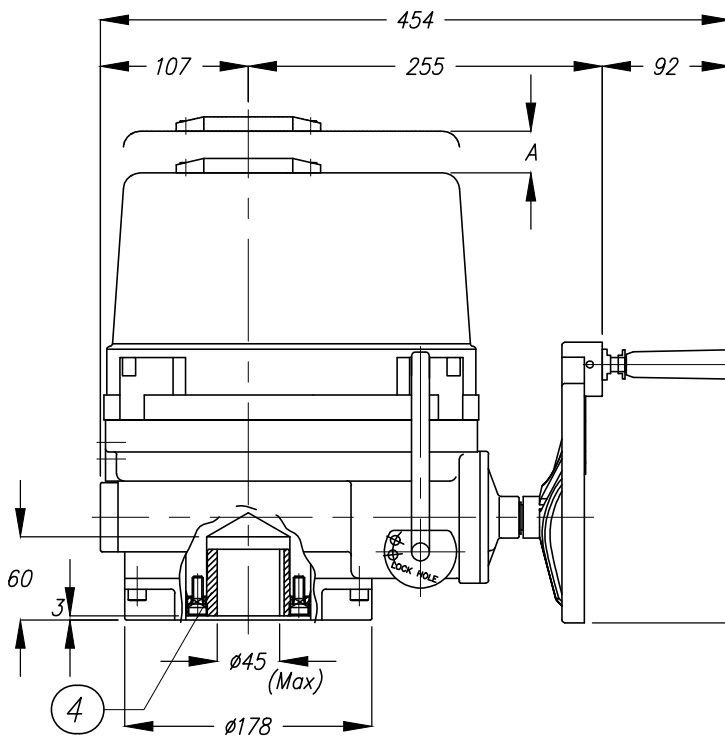
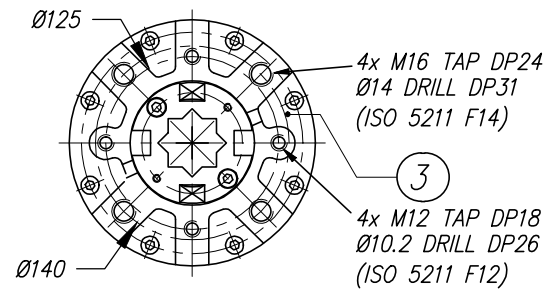
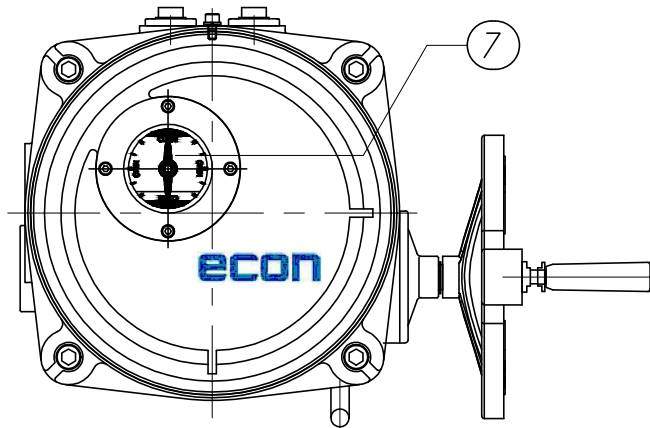
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7907-5

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ELECTRIC ACTUATOR ELA800 AND ELA1200

WITH DRIVE BUSHING DOUBLE SQUARE INSERT DS27MM



POS	NAME	MATERIAL
1	BODY	AC4B
2	TOP COVER	AC4B
3	BASE	FC250
4	DRIVE BUSHING	SM45C
5	LEVER	SM45C
6	HANDLE	AC4B
7	INDICATOR	SUS304
8	STOPPER BOLTS	SUS302 2x M12x65
9	CONDUIT ENTRIES	PC+G30% 2x M25

SIZE "A" IS THE DIFFERENCE TO REMOVE THE COVER OF THE ACTUATOR NAMELY 210MM

ENCLOSURE: IP67
 TORQUE: 80 Kg.m / 800 Nm ELA800
 TORQUE: 120 Kg.m / 1200 Nm ELA1200
 OPERATION TIME: ±35sec
 CABLE ENTRY: 2x M25
 MOUNTING FLANGE: F12/F14 acc. to DIN/ISO 5211
 DRIVE BUSHING: Double square insert of 27mm

DATE:
21-11-2012

REV. DATE:
19-12-2013

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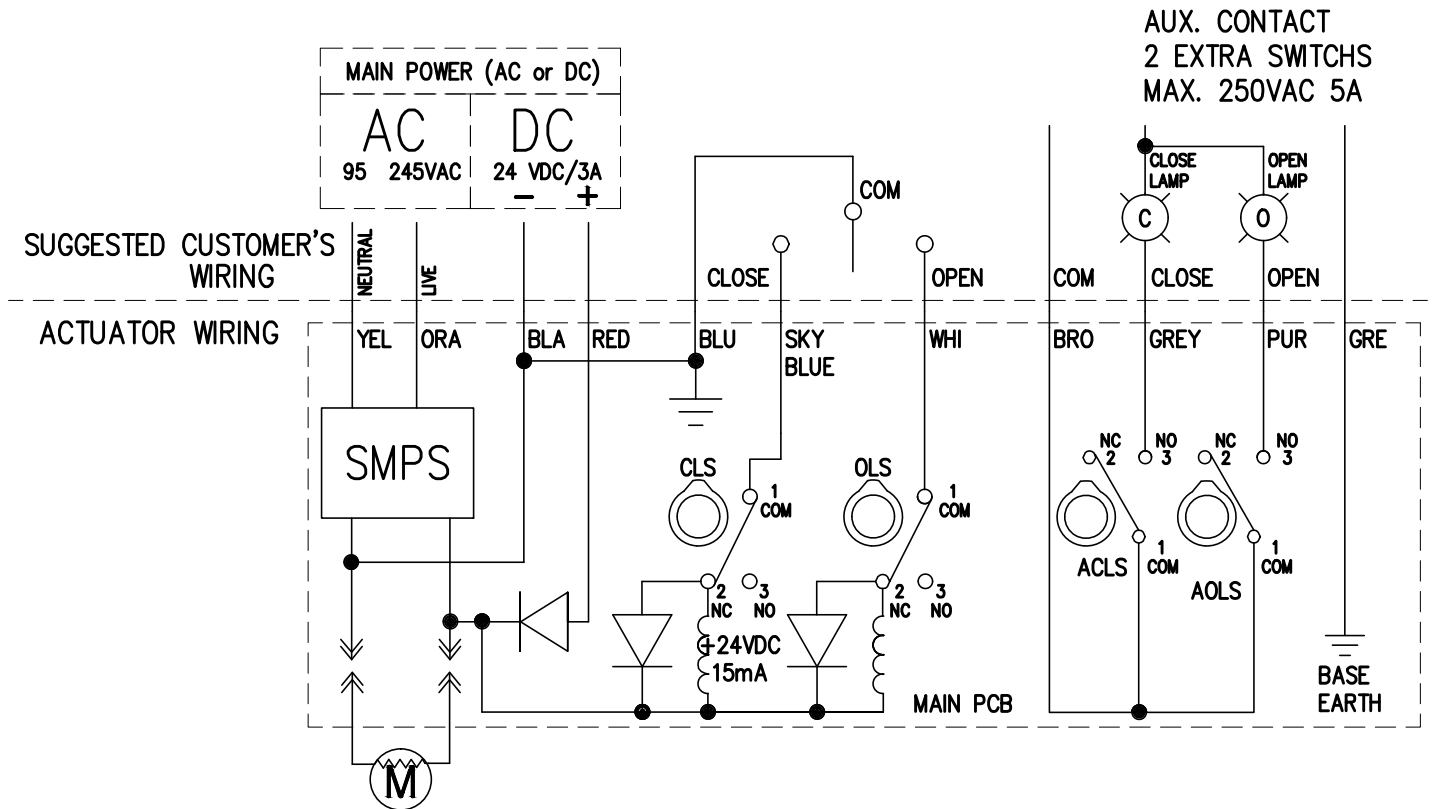
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ELECTRIC WIRING DIAGRAM FOR ACTUATOR ELA40

95VAC UP TO 245VAC AND 24VDC



SYMBOL	DESCRIPTION	RATING
CLS	CLOSE LIMIT SWITCH	250VAC 5A
OLS	OPEN LIMIT SWITCH	250VAC 5A
ACLS	AUX. CLOSE LIMIT SWITCH	250VAC 5A
AOLS	AUX. OPEN LIMIT SWITCH	250VAC 5A

*EACH ACTUATOR SHOULD BE POWERD TROUGH IT'S OWN INDIVIDUAL SWITCH OR RELAY CONTACTS TO PREVENT CROSS FEED BETWEEN TWO OR MORE ACTUATORS

DATE:
13-11-2012

REV. DATE:
13-11-2014

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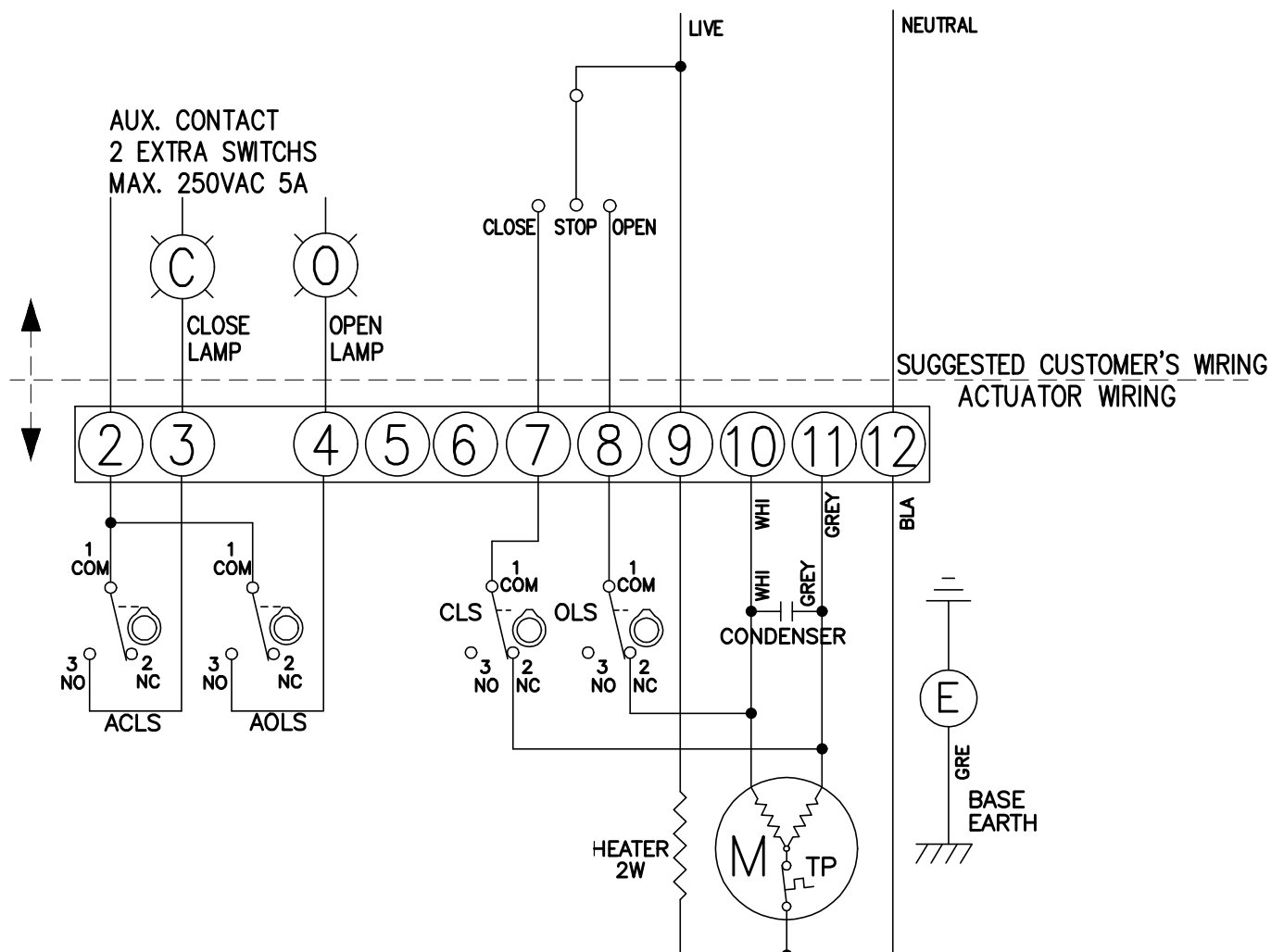
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B

ELECTRIC WIRING DIAGRAM FOR ACTUATOR ELA60

115VAC OR 230VAC , 1PH STANDARD

INCOMING POWER



SYMBOL	DESCRIPTION	RATING
CLS	CLOSE LIMIT SWITCH	250VAC 5A
OLS	OPEN LIMIT SWITCH	250VAC 5A
ACLS	AUX. CLOSE LIMIT SWITCH	250VAC 5A
AOLS	AUX. OPEN LIMIT SWITCH	250VAC 5A
TP	TERMAL PROTECTOR	250VAC 15A
*EACH ACTUATOR SHOULD BE POWERD TROUGH IT'S OWN INDIVIDUAL SWITCH OR RELAY CONTACTS TO PREVENT CROSS FEED BETWEEN TWO OR MORE ACTUATORS		

DATE:
14-11-2012

REV.DATE:
13-11-2014

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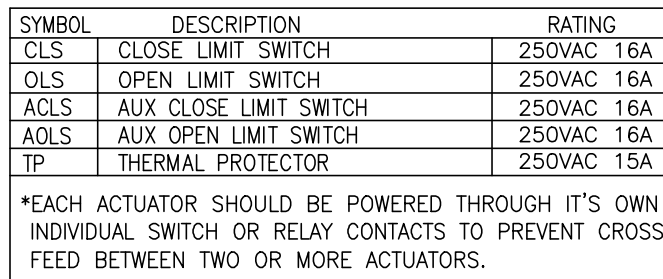
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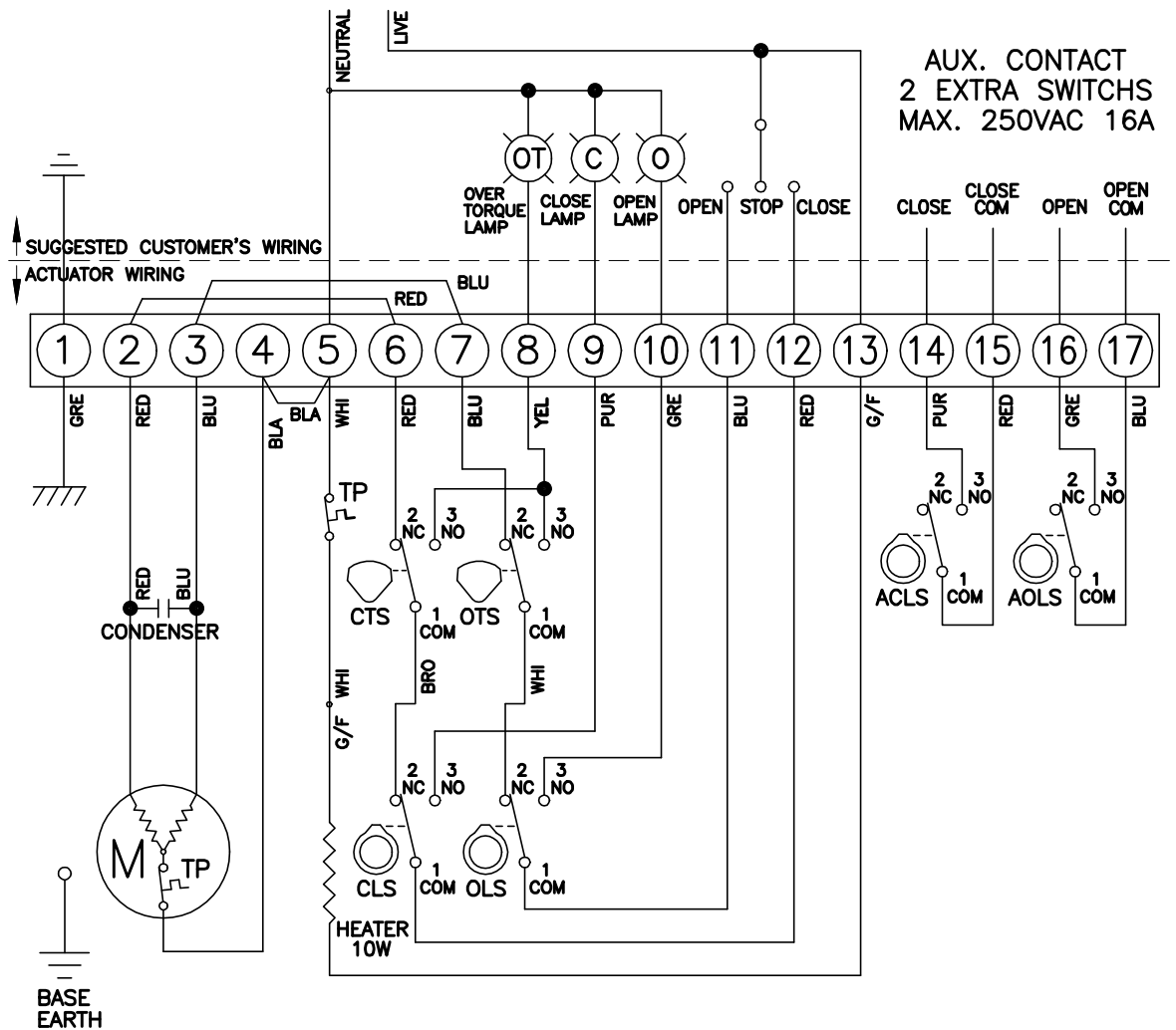
115 OR 230VAC 1PH STANDARD



ELECTRIC WIRING DIAGRAM FOR ACTUATOR

ELA150 TILL ELA3000, 115VAC OR 230VAC 1 PH STANDARD

INCOMING POWER



TORQUE AND LIMIT SWITCH OPERATION		
CTS 1-3	*CLOSING TORQUE SWITCHES INTERRUPTS CONTROL IF MECHANICAL OVERLOAD OCCURS CLOSING CYCLE	
OTS 1-3	*OPENING TORQUE SWITCHES INTERRUPTS CONTROL IF MECHANICAL OVERLOAD OCCURS OPENING CYCLE	
SYMBOL	DESCRIPTION	RATING
CLS	CLOSE LIMIT SWITCH	250VAC 16A
OLS	OPEN LIMIT SWITCH	250VAC 16A
CTS	CLOSE TORQUE SWITCH	250VAC 16A
OTS	OPEN TORQUE SWITCH	250VAC 16A
ACLS	AUX. CLOSE LIMIT SWITCH	250VAC 16A
AOLS	AUX. OPEN LIMIT SWITCH	250VAC 16A
TP	TERMAL PROTECTOR	250VAC 15A
*EACH ACTUATOR SHOULD BE POWER TROUGH IT'S OWN INDIVIDUAL SWITCH OR RELAY CONTACTS TO PREVENT CROSS FEED BETWEEN TWO OR MORE ACTUATORS		

DATE:
14-11-2012

REV. DATE:
21-11-2014

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DRAWN: FWP

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DWG. Nr.: D7907-4A

REV.: A

How to Order

Ball Valve Ordering Matrix

How to Order: Valve Only

Example: A 2", Two Piece ASME Class 150, Full Port Ball Valve with Flanged Ends, Carbon Steel Body, Stainless Steel Trim, TFM1600 Seats, Graphite Packing, NACE Compliant, Fire Safe, Locking Lever Operated is written: 10E10-AR-CSFG-NFC-0200

A	B	C	D	E	F	G	H	I	J	K
X	X	X	X	X	X	X	X	X	X	X

A	Construction Type
10E10	2-PC. ASME-150, Full Port, Flanged
30E10	2-PC. ASME-300, Full Port, Flanged
10E15	1-PC. ASME-150, Reduced Port, Flanged
30E15	1-PC. ASME-300, Reduced Port, Flanged**
2WE20	3-PC. 2000WOG, Full Port, NPT/SW (≤1")
5WE20	3-PC. 1500WOG, Full Port, NPT/SW (>1")
2WE30	2-PC. 2000WOG, Full Port, NPT (≤1")
5WE30	2-PC. 1500WOG, Full Port, NPT (>1")
1WE40	3-PC. 1000WOG, Full Port, NPT/SW
1WE52	2-PC. 1000WOG, Full Port, NPT*
1WE55	1-PC, 1000WOG, Double Red. Port, NPT*
10E60	3-Way ASME-150, Full Port, L/T Port, Flanged
1WE70	3-Way 1000WOG, Full Port, L/T Port, NPT

B	Port Configuration
A	As Defined (Standard Configuration)
T	T-Port
L	L-Port
3	30° V-Notch**
6	60° V-Notch**

C	End Connection
B	BW x BW**
X	BWE x BWE
R	RF Flange
O	FNPT x FNPT
W	SW x SW
U	FNPT x SW
J	RTJ Flange**

D	Body Material
C	Carbon Steel (A216-WCB)
A	Alloy 20**
S	Stainless Steel (A351-CF8M)

E	Trim
C	Carbon Steel
A	Alloy 20**
S	Stainless Steel

F	Seats
E	EK+PTFE**
F	TFM1600
G	TFM4215
H	TFM1600 + 15% Carbon**
P	PEEK***
R	RTFE**
T	PTFE
Z	METAL**
V	50%PTFE +50%SS**

G	Body Gasket
G	316 Spiral Wound + Grafoil
T	PTFE

H	NACE
N	NACE
O	NON-NACE

I	Fire Safe
F	Fire Safe
O	NON-Fire Safe

J	Operator
C	Locking Lever/T-Handle
G	Gear

K	Port Size	
	NPS	DN
0025	1/4"	8
0038	3/8"	10
0050	1/2"	15
0075	3/4"	20
0100	1"	25
0125	1-1/4"	32
0150	1-1/2"	40
0200	2"	50
0250	2-1/2"	65
0300	3"	80
0400	4"	100
0500	5"	125
0600	6"	150
0800	8"	200

Note:

* Manual operation only (A)

** Full factory lead time may be required for valves with these components

How to Order

Valve Assembly Ordering Matrix

How to Order: Valve Assembly

Example: A 2", Two Piece ASME Class 150, Full Port Ball Valve with Flanged Ends, Carbon Steel Body, Stainless Steel Trim, TFM1600 Seats, Graphite Packing, NACE Compliant, Fire Safe with **Spring Return Actuator, Fail Closed, 12 Springs, 24VDC NEMA 7 Solenoid, and NEMA 7 Mechanical Limit Switch** is written: 10E10-AR-CSFG-NFC-0200 + **S04C12-C-C-XXX**

ECON VALVE CODE +

L	M	N	O	P	Q
X	X	X	X	X	X

L	Actuator: None
X	NO Actuator

OR

Actuator: Double Acting			
L	Size	L	Size
DA01	EDA 0010	DA50	EDA 0500
DA02	EDA 0020	DA85	EDA 0850
DA04	EDA 0040	DA12	EDA 1200
DA08	EDA 0080	DA17	EDA 1750
DA13	EDA 0130	DA21	EDA 2100
DA20	EDA 0200	DA25	EDA 2500
DA30	EDA 0300		

OR

Actuator: Spring Return			
L	Fail Closed	L	Fail Open
S02C <u>06</u>	ESR 0020 FC	S02A <u>06</u>	ESR 0020 FO
S04C <u>14</u>	ESR 0040 FC	S04A <u>14</u>	ESR 0040 FO
S08C <u>14</u>	ESR 0080 FC	S08A <u>14</u>	ESR 0080 FO
S13C <u>14</u>	ESR 0130 FC	S13A <u>14</u>	ESR 0130 FO
S20C <u>14</u>	ESR 0200 FC	S20A <u>14</u>	ESR 0200 FO
S30C <u>14</u>	ESR 0300 FC	S30A <u>14</u>	ESR 0300 FO
S50C <u>14</u>	ESR 0500 FC	S50A <u>14</u>	ESR 0500 FO
S85C <u>14</u>	ESR 0850 FC	S85A <u>14</u>	ESR 0850 FO
S12C <u>14</u>	ESR 1200 FC	S12A <u>14</u>	ESR 1200 FO
S17C <u>14</u>	ESR 1750 FC	S17A <u>14</u>	ESR 1750 FO
S21C <u>14</u>	ESR 2100 FC	S21A <u>14</u>	ESR 2100 FO
S25C <u>14</u>	ESR 2500 FC	S25A <u>14</u>	ESR 2500 FO
S40C <u>14</u>	ESR 4000 FC	S40A <u>14</u>	ESR 4000 FO

Change the spring quantity by replacing the last 2 characters (underlined) with a new code.

Change Spring Count			
04	4 Springs	10	10 Springs
06	6 Springs	12	12 Springs
08	8 Springs	14	14 Springs

OR

Actuator: Electric (On/Off)			
L	110 V	L	24V
E04A <u>S</u>	ELA 0040 110V	E04D <u>S</u>	ELA 0040 24V
E06A <u>S</u>	ELA 0060 110V	E08D <u>S</u>	ELA 0080 24V
E08A <u>S</u>	ELA 0080 110V	If Electric Modulation is needed, change the last character (<u>underlined</u>) from S to M.	
E10A <u>S</u>	ELA 0100 110V		
E15A <u>S</u>	ELA 0150 110V		
E20A <u>S</u>	ELA 0200 110V		
E30A <u>S</u>	ELA 0300 110V		
E50A <u>S</u>	ELA 0500 110V		
E60A <u>S</u>	ELA 0600 110V		
E80A <u>S</u>	ELA 0800 110V		
E12A <u>S</u>	ELA 1200 110V		

M	Solenoid Valve
X	NO Solenoid
A	Solenoid, NEMA 4 Watertight, 24VDC
L	Solenoid, NEMA 4 Watertight, 24VAC
B	Solenoid, NEMA 4 Watertight, 110VAC
C	Solenoid, NEMA 7 Explosion proof, 24VDC
M	Solenoid, NEMA 7 Explosion proof, 24VAC
D	Solenoid, NEMA 7 Explosion proof, 110VAC
T	Custom Solenoid Option

N	Limit Switch
X	NO Limit Switch
V	Limit Switch, NEMA 4 Mechanical
W	Limit Switch, NEMA 4 Proximity
Y	Limit Switch, NEMA 7 Explosion proof, Mechanical
Z	Limit Switch, NEMA 7 Explosion proof, Proximity
T	Custom Limit Switch Option

O	Positioner
X	NO Positioner
A	Smart Positioner, NEMA 4, Single Acting
B	Smart Positioner, NEMA 4, Double Acting
T	Custom Positioner Option
V	Pneumatic Positioner

P	Other
X	No other item
E	Stem extensions on valves

Q	Linkage Kit
X	NO Linkage Kit
L	Linkage Kit

Note:

Contact sales for additional valve assembly accessory options.