

ELECTRICAL ACTUATORS

Electrical actuators

"EA" ON-OFF rotary type

features

dimensions

codes

operating diagrams



Features

TECHNICAL DATA

Nominal working angle: 90°, adjustable between 20° and 95°

Type of setting: continuous by means of self-locking cams and electromechanical limit-switches

Nominal working torque: from 35 to 240 Nm

Operation time (0° - 90°): see diagram

Service: S3 ED 50% in compliance with CEI 60043

Applicable regulations: Low Voltage Directive 2006/95/CE; Electromagnetic Compatibility Directive 2004/108/CE

Enclosure: IP67 in compliance with EN60529

Working temperature: -25° +60°C

Storage temperature: -40° +90°C

Motor built-in auto-reset thermostatic protection

Motor with Class F insulation (155°C)

Rotor supported by ball bearings

Connection for emergency manual lever (hexagonal wrench in equipment)

External visual position indicator with graduated top

Space heater (standard)

IP67 connectors also available with pre-wired cable

No. 2 SPDT auxiliary electromechanical limit switches with cams adjustable all along the stroke

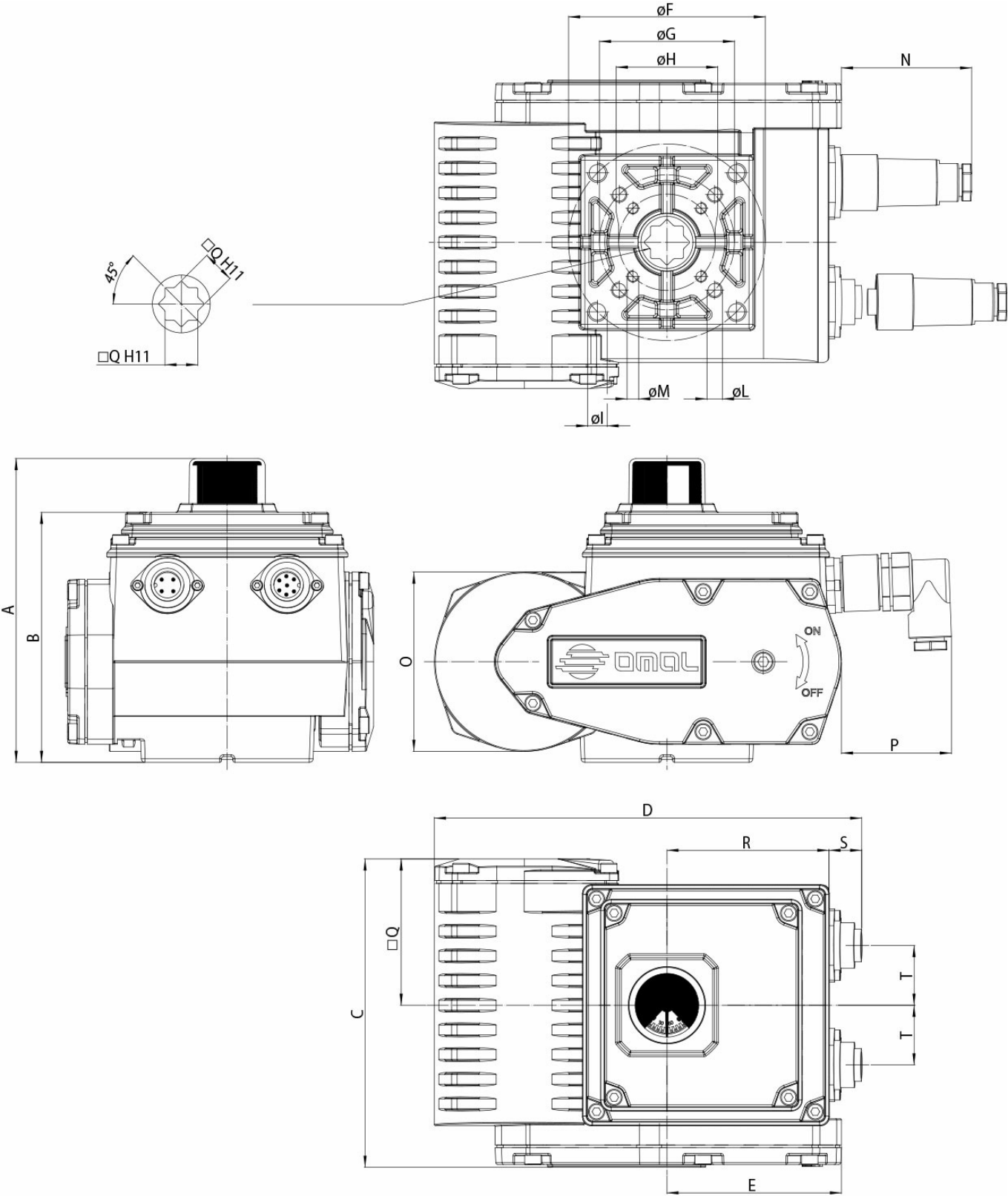
Maximum working noise: <70 dB

Supply voltage: 230 Vac 50/60 Hz ±10% monophasic; 115 Vac 50/60 Hz ±10% monophasic; 24V ac/dc ±10%; 24V dc ±5%

TORQUE TABLE

MODEL	EA0035	EA0070	EA0130	EA0240
Nominal working torque Nm	35	70	130	240
Maximum peak torque Nm	45	85	160	280

Dimensions



	A	B	C	D	E	ϕF	ϕG	ϕH	ϕI	ϕL	ϕM	N	O	P	ϕQ	R	S	T	U	Kg
EA0035	137	109	132	190	84	70	50	36	M8	M6	M5	70	74	59	14	69	18	26	67.5	3.6
EA0070	137	109	136	190	84	70	50	--	M8	M6	--	70	74	59	14	69	18	26	67.5	3.8
EA0130	157.5	129.5	160	221.5	93	102	70	50	M10	M8	M6	67.5	90.5	57	17	84	17	31	76	7.2
EA0240	157.5	129.5	163.5	221.5	93	102	70	--	M10	M8	--	67.5	90.5	57	22	84	17	31	76	7.5

CODICI DI ORDINAZIONE ATTUATORE ACTUATORS ORDERING CODES

EA ---- -- -- 00

Coppia Torque
0035 = 35 Nm
0070 = 70 Nm
0130 = 130 Nm
0240 = 240 Nm

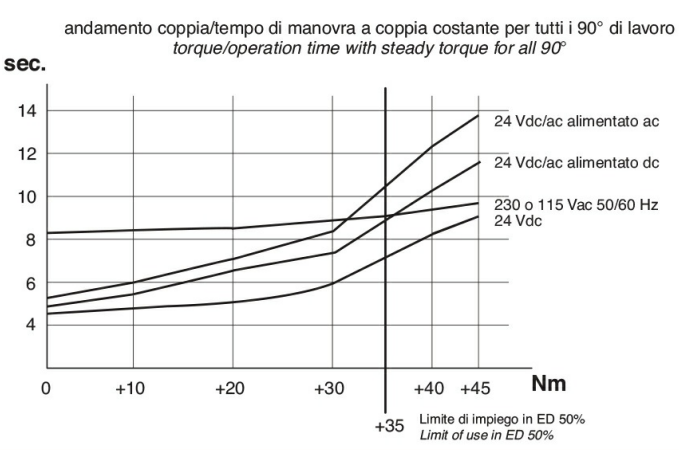
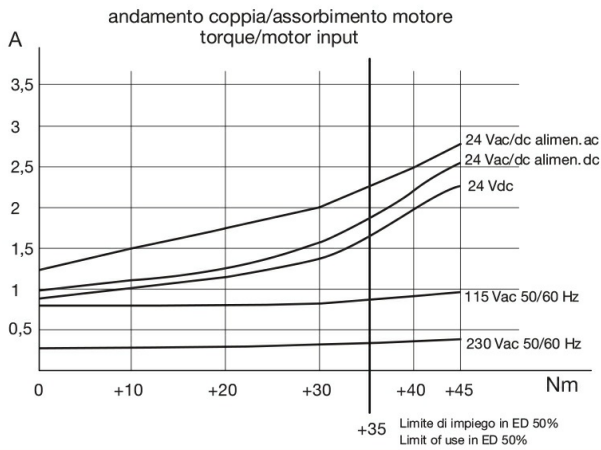
Alimentazione elettrica Voltage
A4 = 115 Vac 50/60 Hz
A5 = 230 Vac 50/60 Hz
U2 = Vac/dc universale *universal*
C2 = 24 Vdc

Connettore Connector
C0 = connettore diritto *C0 = straight connector*
P0 = connettore a pipa *P0 = pipe connector*

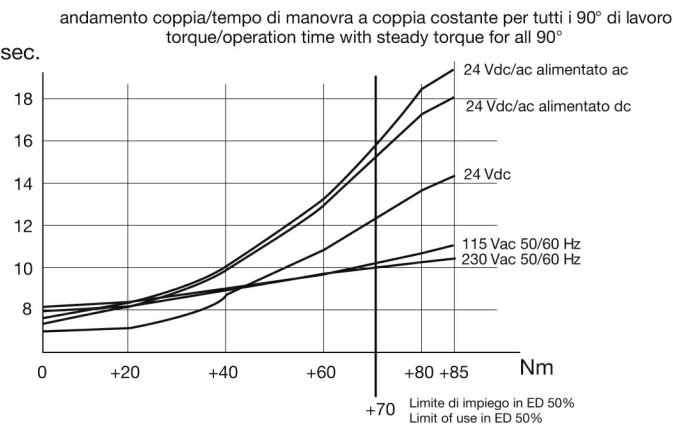
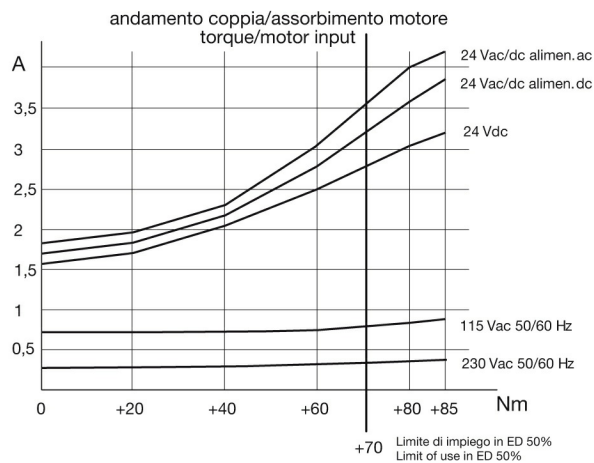
Codes and options electrical actuator “EA” on-off

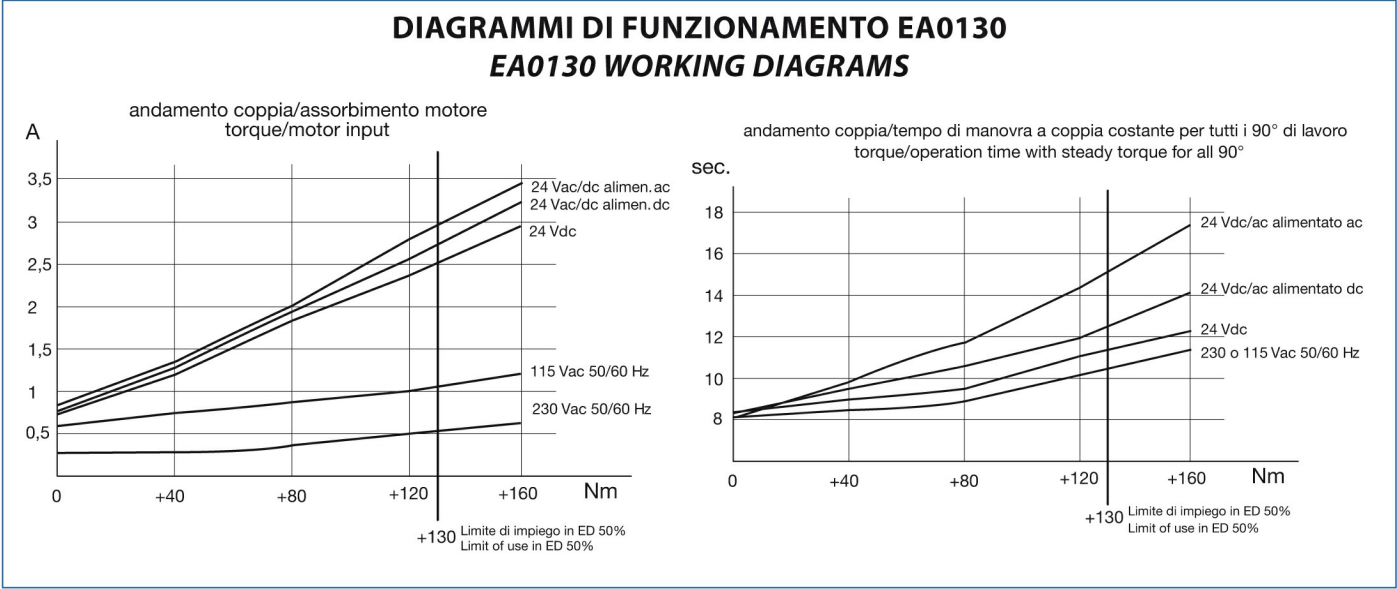
Voltage	Sizes and actuator codes			
MODELLOMODEL	EA0035 F03-F05-F07	EA0070 F05-F07	EA0130 F05-F07-F10	EA0240 F07-F10
230V 50/60 Hz	EA0035A5C000	EA0070A5C000	EA0130A5C000	EA0240A5C000
115V 50/60 Hz	EA0035A4C000	EA0070A4C000	EA0130A4C000	EA0240A4C000
24Vac/dcuniversal	EA0035U2C000	EA0070U2C000	EA0130U2C000	EA0240U2C000
24V dc	EA0035C2C000	EA0070C2C000	EA0130C2C000	EA0240C2C000

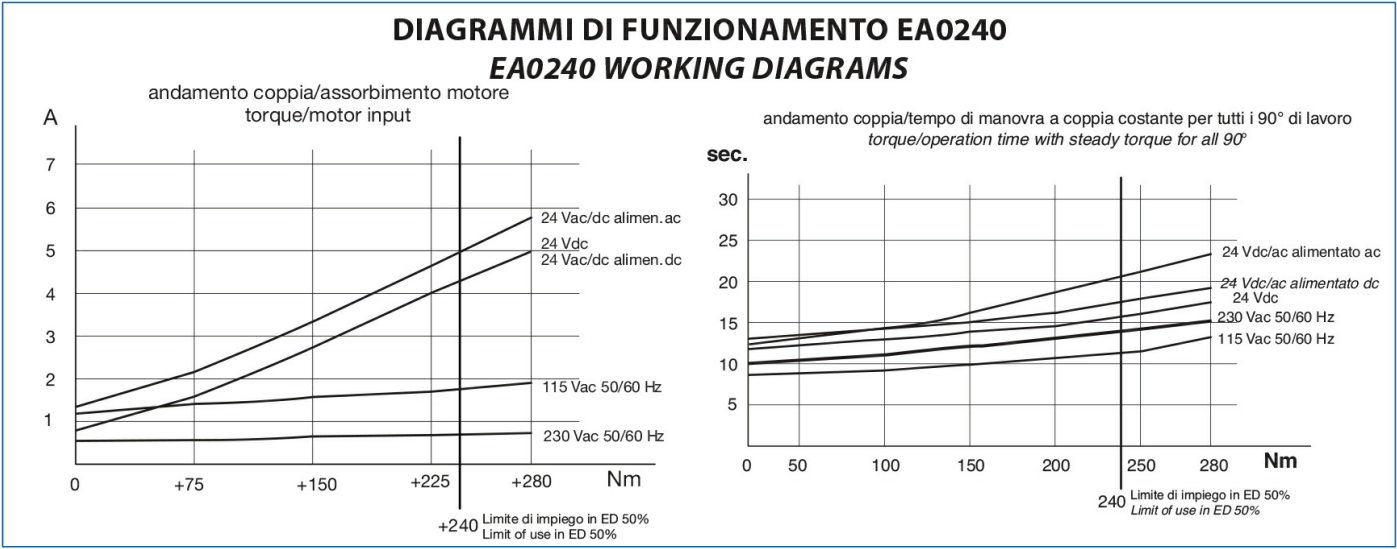
DIAGRAMMI DI FUNZIONAMENTO EA0035
EA0035 WORKING DIAGRAMS



DIAGRAMMI DI FUNZIONAMENTO EA0070
EA0070 WORKING DIAGRAMS

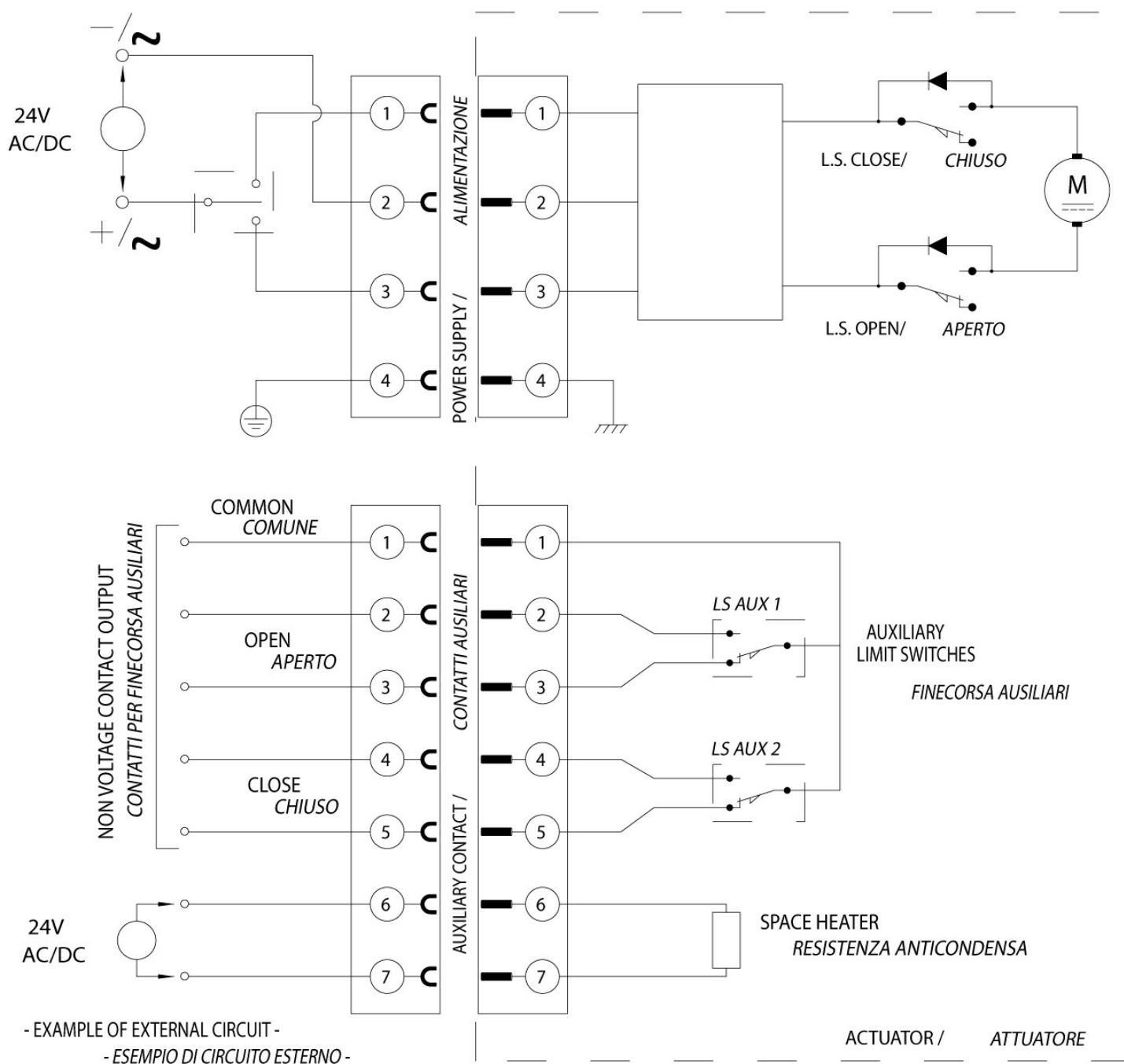






Operating diagrams - 24 Vac/dc - 24 Vdc

ELECTRIC WIRING FOR 24 Vac/dc - 24 Vdc SUPPLY



- EXAMPLE OF EXTERNAL CIRCUIT -
- ESEMPIO DI CIRCUITO ESTERNO -

Operating diagrams - 115-230 Vac

ELECTRIC WIRING FOR 115-230 Vac SUPPLY

