

## Collegamenti elettrici di comando servomotori Actuator control electrical connections



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### 6002 - 6451 series

**Documentazione tecnica:**  
**Technical documentation:**



|                                    |         |                  |
|------------------------------------|---------|------------------|
| <b>645124</b> - 24 V ~ / = (AC/DC) | 0-10 V  | with Failsafe    |
| <b>645114</b> - 24 V ~ (AC)        | 3 punti | without Failsafe |
| <b>645112</b> - 230 V ~ (AC) *     | 3 punti | without Failsafe |



|                                    |         |                  |
|------------------------------------|---------|------------------|
| <b>600204</b> - 24 V ~ / = (AC/DC) | 3 punti | without Failsafe |
| <b>600202</b> - 230 V ~ (AC) *     | 3 punti | without Failsafe |
| <b>600214</b> - 24 V ~ / = (AC/DC) | 0-10 V  | without Failsafe |
| <b>600224</b> - 24 V ~ / = (AC/DC) | 0-10 V  | with Failsafe    |

#### Actuator for threaded version with Failsafe - 645124

Electric supply: 24 V ~ / = (AC/DC)  $\pm 15\%$  - 50/60 Hz directly from the regulator  
Control signal: 0-10 V  
Power consumption: 6 VA  
Ambient temperature:  
Operation: 0-55 °C EN 60721-3-3 Cl. 3K4, max. humidity 95 %  
Transportation: -30-70 °C EN 60721-3-2 Cl. 2K3, max. humidity 95 %  
Storage: -20-70° C EN 60721-3-1 Cl. 1K2, max. humidity 95 %  
Supply cable length: 0,8 m

#### Actuator for threaded version without Failsafe - 645114

Electric supply: 24 V ~ (AC)  $\pm 10\%$  - 50/60 Hz directly from the regulator  
Control signal: 3 point  
Power consumption: 6 VA  
Ambient temperature:  
Operation: -10-55 °C EN 60721-3-3 Cl. 3K4, max. humidity 95 %  
Transportation: -30-70 °C EN 60721-3-2 Cl. 2K3, max. humidity 95 %  
Storage: -20-70° C EN 60721-3-1 Cl. 1K2, max. humidity 95 %  
Supply cable length: 0,8 m

#### Actuator for flanged version with Failsafe - 600224

Electric supply: 24 V ~ / = (AC/DC)  $\pm 15\%$  - 50/60 Hz directly from the regulator  
Control signal: 0-10 V  
Power consumption: 10 VA  
Ambient temperature:  
Operation: 0-55 °C EN 60721-3-3 Cl. 3K4, max. humidity 95 %  
Transportation: -30-70 °C EN 60721-3-2 Cl. 2K3, max. humidity 95 %  
Storage: -20-70° C EN 60721-3-1 Cl. 1K2, max. humidity 95 %  
Supply cable length: 1,9 m

#### Actuator for flanged version without Failsafe - 600214

Electric supply: 24 V ~ / = (AC/DC)  $\pm 15\%$  - 50/60 Hz directly from the regulator  
Control signal: 0-10 V  
Power consumption: 10 VA  
Ambient temperature:  
Operation: 0-55 °C EN 60721-3-3 Cl. 3K4, max. humidity 95 %  
Transportation: -30-70 °C EN 60721-3-2 Cl. 2K3, max. humidity 95 %  
Storage: -20-70° C EN 60721-3-1 Cl. 1K2, max. humidity 95 %  
Supply cable length: 1,9 m

#### Actuator for flanged version without Failsafe - 600204

Electric supply: 24 V ~ / = (AC/DC)  $\pm 15\%$  - 50/60 Hz directly from the regulator  
Control signal: 3 point  
Power consumption: 10 VA  
Ambient temperature:  
Operation: 0-55 °C EN 60721-3-3 Cl. 3K4, max. humidity 95 %  
Transportation: -30-70 °C EN 60721-3-2 Cl. 2K3, max. humidity 95 %  
Storage: -20-70° C EN 60721-3-1 Cl. 1K2, max. humidity 95 %  
Supply cable length: 1,9 m

#### \*Actuator for threaded version - 645112

Electric supply: 230 V ~ (AC)  $\pm 10\%$  - 50/60 Hz directly from the regulator  
Control signal: 3 point  
Power consumption: 6 VA  
Ambient temperature:  
Operation: -10-55 °C EN 60721-3-3 Cl. 3K4, max. humidity 95 %  
Transportation: -30-70 °C EN 60721-3-2 Cl. 2K3, max. humidity 95 %  
Storage: -20-70° C EN 60721-3-1 Cl. 1K2, max. humidity 95 %  
Supply cable length: 0,8 m

#### \*Actuator for flanged version - 600202

Electric supply: 230 V ~ (AC)  $\pm 15\%$  - 50/60 Hz directly from the regulator  
Control signal: 3 point  
Power consumption: 10 VA  
Ambient temperature:  
Operation: 0-55 °C EN 60721-3-3 Cl. 3K4, max. humidity 95 %  
Transportation: -30-70 °C EN 60721-3-2 Cl. 2K3, max. humidity 95 %  
Storage: -20-70° C EN 60721-3-1 Cl. 1K2, max. humidity 95 %  
Supply cable length: 1,9 m

**\*Not applicable for the American market.**

#### Additional actuator specifications (EN 60730-1/-2-14)

Protection cover: self-extinguishing V0  
Protection class: IP 65  
Compliance with Directives: CE, UKCA  
FCC, IC (only for 645124 - 645114 - 600224 - 600214)  
Control type: type 1  
Environmental pollution grade: grade 2  
Activation type: multi-position  
Nominal pulse voltage: 500 V (24 V) - 2500 V (230 V) peak for overvoltage category II  
Dynamic torque (threaded version): 15 Nm  
Dynamic torque (flanged version): 35 Nm

The Failsafe function allows the automatic closure of the hot inlet port in case of power failure.

|                                       | LEGIOMIX 6000                                                                           | LEGIOMIXevo 6003 |
|---------------------------------------|-----------------------------------------------------------------------------------------|------------------|
| Versione filettata / Threaded version | 645124 - 24 V - 0-10 V with failsafe                                                    |                  |
|                                       | Non compatibile<br>Not compatible                                                       |                  |
|                                       | 645112 - 230 V - 3 points without failsafe<br>645114 - 24 V - 3 points without failsafe |                  |
|                                       |                                                                                         |                  |

|                                      |                                                                                 |                                   |
|--------------------------------------|---------------------------------------------------------------------------------|-----------------------------------|
| Versione flangiata / Flanged version | 600204 - 24 V - 3 points without failsafe                                       |                                   |
|                                      |                                                                                 | Non compatibile<br>Not compatible |
|                                      | 600202 - 230 V - 3 points without failsafe                                      |                                   |
|                                      |                                                                                 |                                   |
|                                      | 600214 - 24 V - 0-10 V without failsafe<br>600224 - 24 V - 0-10 V with failsafe |                                   |
|                                      | Non compatibile<br>Not compatible                                               |                                   |

\* Nel morsetto è già presente il cavo di alimentazione della centralina. Utilizzare il connettore in dotazione per collegare entrambi i cavi allo stesso morsetto. Per maggiori informazioni scansionare il QR code "Documentazione tecnica".  
The terminal is pre-fitted with the controller power supply cable. Use the provided connector to connect both cables to the same terminal. For more information scan the QR code "Technical Documentation".

