

Collegamenti elettrici di comando servomotori Actuator control electrical connections



© Copyright 2025 Caleffi

6002 - 6451 series

Documentazione tecnica:
Technical documentation:



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



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

Actuator for threaded version with Failsafe - 645124

Electric supply: 24 V ~ / = (AC/DC) ± 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) ± 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) ± 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) ± 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) ± 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) ± 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) ± 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 Not compatible	
	645112 - 230 V - 3 points without failsafe 645114 - 24 V - 3 points without failsafe	

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

