

spirax sarco

Accessories for the AEL5 Series of Electric Linear Actuators

TI-P358-28
CH Issue 2

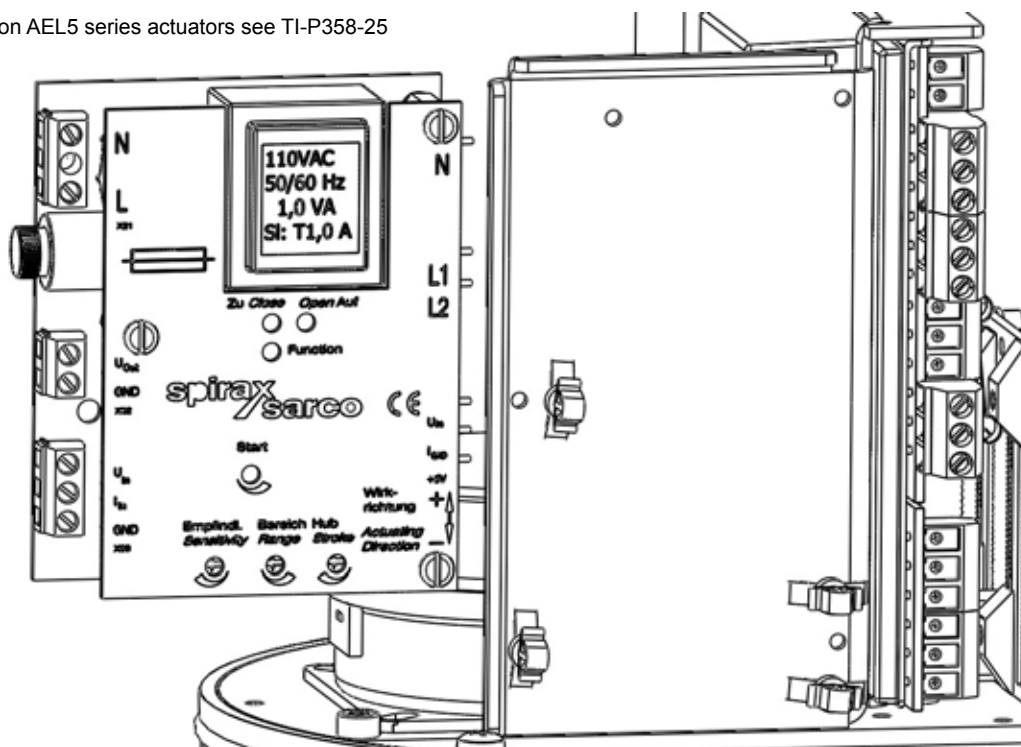
Available types and technical data

AEL5961	230 Vac positioner card	Power consumption 1 VA
AEL5962	115 Vac positioner card	Power consumption 1 VA
AEL5963	24Vac positioner card (except for AEL54213_ , AEL55313_ and AEL56413_)	Power consumption 1 VA
AEL5964	24 Vac positioner card (for AEL54213_ , AEL55313_ and AEL56413_ actuators only)	Power consumption 1 VA
AEL5951	2 auxiliary limit switches (Electronic card)	5 A - 230 Vac - including cams, mounting kit and PCB
AEL5952	Auxiliary feedback potentiometer	1000 ohms, 20 to 30 mm stroke, including mounting kit and pinion
AEL5952.1	Tandem feedback potentiometer	2 x 1000 ohms 20 to 30 mm stroke, including mounting kit and pinion
AEL5952.2	Tandem feedback potentiometer	2 x 1000 ohms 25 mm maximum stroke, including mounting kit and pinion
AEL5952.3	Auxiliary feedback potentiometer	2000 ohms 20 to 30 mm stroke, including mounting kit and pinion
AEL5952.4	Tandem feedback potentiometer	2 x 2000 ohms 20 to 30 mm stroke, including mounting kit and pinion
AEL5952.5	Auxiliary feedback potentiometer	500 ohms 20 to 30 mm stroke, including mounting kit and pinion
AEL5953	Tandem feedback potentiometer	2 x 1000 ohms 20 to 30 mm and 30 to 50 mm stroke, including mounting kit and pinion
AEL5954	115-230 V anti-condensate heater	
AEL5956	24 V anti-condensate heater	
AEL5981	Position transmitter	2 wire 4-20 mA
AEL5982	Position transmitter	3 wire 0/4-20 mA

The potentiometer must use its whole range (almost 1 full turn). To facilitate different actuator strokes replacement pinion kits are available. Please contact Spirax Sarco for further information.

Special parts	Pinion 25 teeth with AEL5_	For stroke <= 20 mm
	Pinion 30 teeth with AEL5_	For stroke between 20 mm to 30 mm
	Pinion 50 teeth with AEL5_	For stroke between 30 mm to 50 mm
	Pinion 65 teeth with AEL5_	For stroke between 50 mm to 65 mm
	Pinion 75 teeth with AEL5_	For stroke between 65 mm to 70 mm

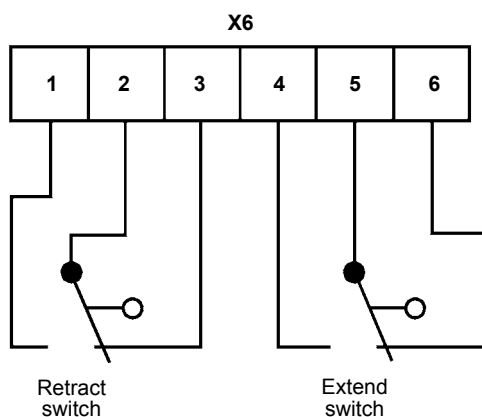
For information on AEL5 series actuators see TI-P358-25



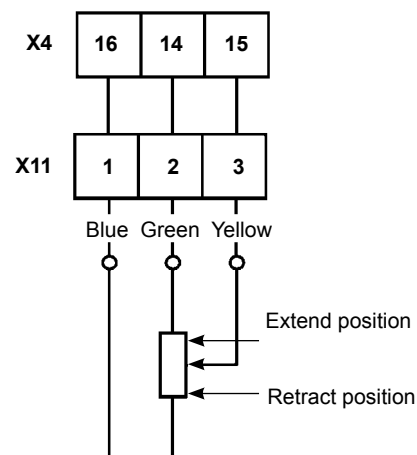
Wiring diagrams

(Note: X0, X4, X5, X6, X8 and X9 refer to termination board location)

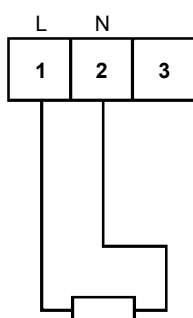
AEL5951 auxiliary switches



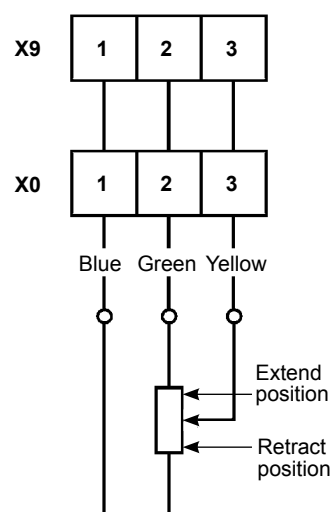
AEL5952 feedback potentiometer and AEL5953 1st output from tandem potentiometer



Anti-condense heater AEL5954 110 - 250 V and AEL5956 12 - 36 V



AEL5953 2nd output from tandem potentiometer



Positioner card layout

Positioners input impedance

Signal	Resistance
2-10 V	50 k Ω
4-20 mA	100 Ω

