



8-20

Proportional damper actuator ACT016-24



Features

- To operate damper for air-circulation and HVAC up to 3m²(Applicable damper size to be varied by its performance)
- Proportional with 0 ~ 10VDC, 2 ~ 10 VDC, 4 ~ 20mA control signal
- safety operation with over-current circuit breaker, speed monitoring, noise filtering
- Full-operation of damper with Torque limit-switching circuit for complete closing
- Master actuator(ACT 016 ~ 24F) available with many valve actuators(ACT 016 ~ 24)
- V-clamp, one-touch case, gear-release button for easy installation

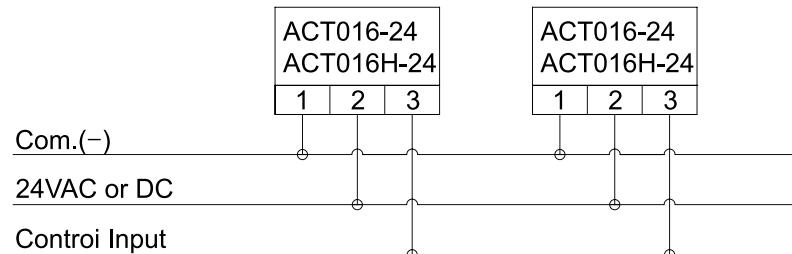
Technical Data

		ACT016-24, ACT016-24F	ACT016H-24, ACT016H-24F
Supply voltage		24VDC±10% or 24VAC±20%, 50Hz / 60Hz	
Consumption power	Idle time	1.4VA	
	20Nm Model	4.5VA	
	Max. power	6.0VA	
	30Nm Model	8.0VA	
	Max. power	9.5VA	
Control type		Proportional(modulating)	
Running Torque		20Nm/standard type	30Nm/high torque type
Holding Torque		20Nm	30Nm
Running time		80~150sec/standard type	60~100sec/high torque type
Ambient Temp.		-15°C ~ 50°C	
Input signal		0~10VDC, 2~10VDC, 4~20mA	
Feedback		"F" type : 0~10VDC	
Control accuracy		±4%	
Direction		CW/CCW(direction converting switch installed)	
Connection		Terminal block installed(AWG18~26)	
Cable Entry		PF1/2" (CTG16) x 1	
Weight, Size		1.4kg, 120mm x 190mm x 67mm (W x L x H)	

 **ACT016 Series Wiring Diagram**

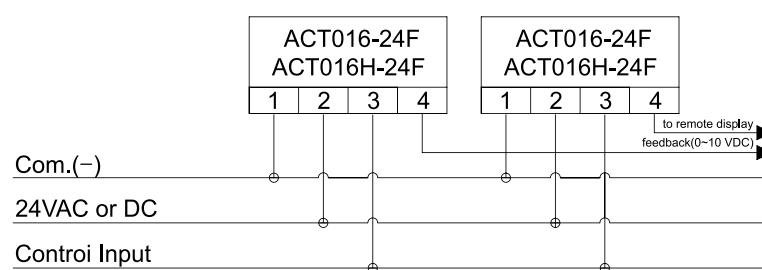
ex.1) proportional control

※ Control Y = 0~10VDC, 2~10VDC, 4~20mA



ex.2) proportional control(feedback output)

※ Control Y = 0~10VDC, 2~10VDC, 4~20mA



ACT-016 Series can be connected up to 10 pcs in parallel

 **Dimensions**
