



WIN EVERY INSTALLATION RACE

Direct-Coupled Actuators

Win every installation race

With SmartAct, our smart direct-coupled actuators, you benefit from the comprehensive set of time-saving installation features, such as the self-centering shaft adapter, the detachable wiring box, the free mounting position, the rotation direction switch, ...and many more.

They all add up to a new way of installing direct-coupled actuators: just smarter, easier and faster.



Time and money saving features

Self-centering shaft adapter

- Enables real “plug and play”
- Adjusts automatically to any shaft – square or round
- Greater reliability due to less mechanical stress

Detachable wiring box

- Easy connection
- Saves additional junction box

Auxiliary switch kit (optional)

- Switch point, selectors and position indication
- Easy field installation – left or right access with detachable access cover

Mounting in any direction

- For easy, cost-effective installation

Function switch

- Changes rotation direction
- Selects control mode
- Service/off position ensures fast and easy service

De-clutch button

- Easy manual adjustment
- Simplifies installation

Mechanical limits

- Single-hand positioning for desired rotation angle

Position Indicator (with auxiliary switch kit)

- Clearly shows actual stroke angle

All you need

Designed for new construction and retrofit markets, Honeywell direct-coupled actuators meet a wide variety of supply, return, face and bypass damper, and variable air volume, fan inlet, vane

control needs. The models provide floating, on/off and modulating control. A set of smart accessories allows you to cover the same amount of applications with fewer actuator types, offering you a unique chance to reduce the number of

devices you have to handle. Put a SmartAct in your work pack and you will be sure to satisfy any application need, even in replacement and upgrading jobs.

Spring Return		Non Spring Return			
10 Nm	20 Nm	20 Nm	34 Nm	5 Nm	10 Nm
2 m ²	4 m ²	4 m ²	6 m ²	1 m ²	2 m ²



iF
Design Award
2004

Type numbers

	Version	Spring Return	Torque	Power	Control	Runtime (spring)	Manual Adjustm.	Aux. Switch	Feedback Signal
Non-spring Return	N0524	No	5Nm	24 Vac/dc	2Pos/3-pt	110	Yes	No	No
	N0524-SW2	No	5Nm	24 Vac/dc	2Pos/3-pt	110	Yes	2	No
	N05230-2POS	No	5Nm	230 Vac	2Pos	65...110	Yes	No	No
	N05010	No	5Nm	24 Vac/dc	0(2)...10Vdc/3-pt/2Pos	90	Yes	No	0 ... 10Vdc
	N05010-SW2	No	5Nm	24 Vac/dc	0(2)...10Vdc/3-pt/2Pos	90	Yes	2	0 ... 10Vdc
	N1024	No	10Nm	24 Vac/dc	2Pos/3-pt	110	Yes	No	No
	N1024-SW2	No	10Nm	24 Vac/dc	2Pos/3-pt	110	Yes	2	No
	N10230-2POS	No	10Nm	230 Vac	2Pos	65...140	Yes	No	No
	N10010	No	10Nm	24 Vac/dc	0(2)...10Vdc/3-pt/2Pos	90	Yes	No	0 ... 10Vdc
	N10010-SW2	No	10Nm	24 Vac/dc	0(2)...10Vdc/3-pt/2Pos	90	Yes	2	0 ... 10Vdc
	N2024	No	20Nm	24 Vac	3-pt/2Pos	110	Yes	No	No
	N2024-2POS	No	20Nm	24 Vac	2Pos	110	Yes	No	No
	N2024-P10K	No	20Nm	24 Vac	3-pt/2Pos	110	Yes	No	10K Ohm
	N2024-SW2	No	20Nm	24 Vac	3-pt/2Pos	110	Yes	2	No
	N20230	No	20Nm	230 Vac	3-pt/2Pos	110	Yes	No	No
	N20230-2POS	No	20Nm	230 Vac	2Pos	110	Yes	No	No
	N20230-P10K	No	20Nm	230 Vac	3-pt/2Pos	110	Yes	No	10K Ohm
	N20230-SW2	No	20Nm	230 Vac	3-pt/2Pos	110	Yes	2	No
	N20010	No	20Nm	24 Vac/dc	0(2) ... 10Vdc	95	Yes	No	0 ... 10Vdc
	N20010-SW2	No	20Nm	24 Vac/dc	0(2) ... 10Vdc	95	Yes	2	0 ... 10Vdc
	N20010-SER	No	20Nm	24 Vac/dc	Adjustable	95	Yes	No	0 ... 10Vdc
	N20010-SER-SW2	No	20Nm	24 Vac/dc	Adjustable	95	Yes	2	0 ... 10Vdc
	N3424	No	34Nm	24 Vac	3-pt/2Pos	110	Yes	No	No
	N34230	No	34Nm	230 Vac	3-pt/2Pos	110	Yes	No	No
	N34010	No	34Nm	24 Vac/dc	0(2) ... 10Vdc	95	Yes	No	2 ... 10Vdc
	Spring Return	S1024-2POS	Yes	10Nm	24 Vac	2Pos	90 (20)	winding	No
S1024-2POS-SW2		Yes	10Nm	24 Vac	2Pos	90 (20)	winding	Yes	No
S10230-2POS		Yes	10Nm	230 Vac	2Pos	90 (20)	winding	No	No
S10230-2POS-SW2		Yes	10Nm	230 Vac	2Pos	90 (20)	winding	Yes	No
S10010		Yes	10Nm	24 Vac	0(2) ... 10Vdc/3-pt	90 (20)	winding	No	0 ... 10Vdc
S10010-SW2		Yes	10Nm	24 Vac	0(2) ... 10Vdc/3-pt	90 (20)	winding	Yes	0 ... 10Vdc
S2024-2POS		Yes	20Nm	24 Vac	2Pos	90 (20)	winding	No	No
S2024-2POS-SW2		Yes	20Nm	24 Vac	2Pos	90 (20)	winding	Yes	No
S20230-2POS		Yes	20Nm	230 Vac	2Pos	90 (20)	winding	No	No
S20230-2POS-SW2		Yes	20Nm	230 Vac	2Pos	90 (20)	winding	Yes	No
S20010		Yes	20Nm	24 Vac	0(2) ... 10Vdc/3-pt	90 (20)	winding	No	0 ... 10Vdc
S20010-SW2		Yes	20Nm	24 Vac	0(2) ... 10Vdc/3-pt	90 (20)	winding	Yes	0 ... 10Vdc



SmartAct is available with or without auxiliary switch kit and different control features.

Find out more

For more information about SmartAct visit us online at www.smartact.com

Automation and Control Solutions

Honeywell GmbH
 Böblinger Strasse 17
 71101 Schönaich
 Phone (49) 7031 637 01
 Fax (49) 7031 637 493
www.honeywell.com

EN3B-0299GE51 R0105
 January 2005
 © 2005 Honeywell International Inc.