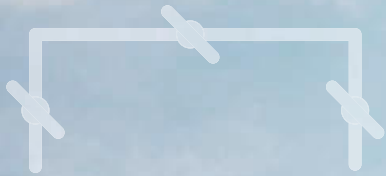


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DAMPER ACTUATORS



DAMPER ACTUATOR EQUIVALENTS

Overview of damper actuators' replacements.

With spring return

MODELS

Article	Description	Replaces
RDAS4S-230	4 Nm, on/off, 230 V, spring return	LF230 (4 Nm), RDAB5S-230 (4 Nm)
RDAS4S-230S	4 Nm, on/off, 230 V, spring return, aux. switch	LF230-S (4 Nm), RDAB5S-230S (4 Nm)
RDAS4S-24	4 Nm, on/off, 24 V, spring return	LF24 (4 Nm), RDAB5S-24 (4 Nm)
RDAS4S-24S	4 Nm, on/off, 230 V, spring return, aux. switch	LF24-S (4 Nm), RDAB5S-24S (4 Nm)
RDAS4S-24A	4 Nm, 0...10 V, 24 V, spring return	LF24-SR (4 Nm), RDAB5S-24A (4 Nm)
RDAS7S-230	7 Nm, on/off, 230 V, spring return	NF230A (10 Nm), NFA (10 Nm, 230V setup)
RDAS7S-230S	7 Nm, on/off, 230 V, spring return, aux. switch	NF230A-S2 (10 Nm), NFA-S (10 Nm, 230V setup), RDAB10S-S (10 Nm, 230V setup)
RDAS7S-24	7 Nm, on/off, 24 V, spring return	NF24A (10 Nm), NFA (10 Nm, 24V setup)
RDAS7S-24S	7 Nm, on/off, 24 V, spring return, aux. switch	NF24A-S2 (10 Nm), NFA-S (10 Nm, 24V setup), RDAB10S-S (10 Nm, 24V setup)
RDAS7S-24A	7 Nm, 0-10 V, 24 V, spring return	NF24A-SR (10 Nm), RDAB10S-24A (10 Nm)
RDAS18S-230	18 Nm, on/off, 230 V, spring return	NF230A (10 Nm), SF230A (20 Nm), NFA (10 Nm, 230V setup), SFA (20 Nm, 230V setup), RDAB20S (20 Nm, 230V setup)
RDAS18S-230S	18 Nm, on/off, 230 V, spring return, aux. switch	NF230A-S2 (10 Nm), SF230A-S2 (20 Nm), NFA-S (10 Nm, 230V setup), RDAB10S-S (10 Nm, 230V setup), SFA-S (20 Nm, 230V setup), RDAB20S-S (20 Nm, 230V setup)
RDAS18S-24	18 Nm, on/off, 24 V, spring return	NF24A (10 Nm), SF24A (20 Nm), NFA (10 Nm, 24V setup), SFA (20 Nm, 24V setup), RDAB20S (20 Nm, 24V setup)
RDAS18S-24S	18 Nm, on/off, 24 V, spring return, aux. switch	NF24A-S2 (10 Nm), SF24A-S2 (20 Nm), NFA-S (10 Nm, 24V setup), RDAB10S-S (10 Nm, 24V setup), SFA-S (20 Nm, 24V setup), RDAB20S-S (20 Nm, 24V setup)
RDAS18S-24A	18 Nm, 0-10 V, 24 V, spring return	NF24A-SR (10 Nm), SF24A-SR (20 Nm), RDAB10S-24A (10Nm), RDAB20S-24A (20Nm)

Without spring return

MODELS

Article	Description	Replaces
RDAS5-230	5 Nm, on/off or 3-point, 230 V	LM230A (5 Nm), RDAB5-230 (5 Nm)
RDAS5-230S	5 Nm, on/off or 3-point, 230 V, aux. switch	LM230A-S (5 Nm), RDAB5-230S (5 Nm)
RDAS5-24	5 Nm, on/off or 3-point, 24 V	LM24A (5 Nm), RDAB5-24 (5 Nm)
RDAS5-24S	5 Nm, on/off or 3-point, 24 V, aux. switch	LM24A-S (5 Nm), RDAB5-24S (5 Nm)
RDAS5-24A	5 Nm, 0...10 V, 24 V	LM24A-SR (5 Nm), RDAB5-24A (5 Nm)
RDAS10-230	10 Nm, on/off or 3-point, 230 V	NM230A (10 Nm), RDAB10-230 (10 Nm)
RDAS10-230S	10 Nm, on/off or 3-point, 230 V, aux. switch	NM230A-S (10 Nm), RDAB10-230S (10 Nm)
RDAS10-24	10 Nm, on/off or 3-point, 24 V	NM24A (10 Nm), RDAB10-24 (10 Nm)
RDAS10-24S	10 Nm, on/off or 3-point, 24 V, aux. switch	NM24A-S (10 Nm), RDAB10-24S (10 Nm)
RDAS10-24A	10 Nm, 0-10 V, 24 V	NM24A-SR (10 Nm), RDAB10-24A (10 Nm)
RDAS20-230	20 Nm, on/off or 3-point, 230 V	SM230A (20 Nm), RDAB20-230 (20 Nm)
RDAS20-230S	20 Nm, on/off or 3-point, 230 V, aux. switch	SM230A-S (20 Nm), RDAB20-230S (20 Nm)
RDAS20-24	20 Nm, on/off or 3-point, 24 V	SM24A (20 Nm), RDAB20-24 (20 Nm)
RDAS20-24S	20 Nm, on/off or 3-point, 24 V, aux. switch	SM24A-S (20 Nm), RDAB20-24S (20 Nm)
RDAS20-24A	20 Nm, 0-10 V, 24 V	SM24A-SR (20 Nm), RDAB20-24A (20 Nm)
RDAS20-24AS	20 Nm, 0-10 V, 24 V, aux. switch	SM24A-SR-S2 (20 Nm)
RDAS35-230	35 Nm, 3-point, 230 V	GM230A (40 Nm), RDAB40-230 (40 Nm)
RDAS35-24	35 Nm, 3-point, 24 V	GM24A (40 Nm), RDAB40-24 (40 Nm)
RDAS35-24A	35 Nm, 0-10 V, 24 V	GM24A-SR (40 Nm), RDAB40-24A (40 Nm)

DAMPER ACTUATORS WITH SPRING RETURN

NEWS!



RDAS4S

4 Nm

Damper actuator with spring return, 4 Nm. For 2-point (on/off) or 0...10V control signal.

Technical data	
Mounting	Interior, weather protected
Damper shaft, round	8...15 mm
Damper shaft, square	6...11 mm
Damper shaft, min. shaft length	20 mm
Damper shaft, shaft hardness	<300 HV
Max. damper size	0.6 m ²
Torque	4 Nm
Protection class	IP54
Running time, actuator	60 s
Closing time, spring	15 s
Cable length	0,9 m (Maximun extension 300 m)

Article	Supply voltage	Auxiliary switch	Control signal	Note
RDAS4S-230	230 V ~ (100...240 V ~ 50/60 Hz)	-	2-point, On/Off	
RDAS4S-230S	230 V ~ (100...240 V ~ 50/60 Hz)	Yes	2-point, On/Off	
RDAS4S-24	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC)	-	2-point, On/Off	
RDAS4S-24S	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC)	Yes	2-point, On/Off	
RDAS4S-24A	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC)	-	0...10 V	

NEWS!



RDAS7S

7 Nm

Damper actuator with spring return, 7 Nm. For 2-point (on/off) or 0...10V control signal.

Technical data	
Mounting	Interior, weather protected
Damper shaft, round	6.4...20.5 mm
Damper shaft, square	6.4...13 mm
Damper shaft, min. shaft length	20 mm
Damper shaft, shaft hardness	<300 HV
Max. damper size	1.5 m ²
Torque	7 Nm
Protection class	IP54
Running time, actuator	90 s
Closing time, spring	15 s
Cable length	0,9 m (Maximun extension 300 m)

Article	Supply voltage	Auxiliary switch	Control signal	Note
RDAS7S-230	230 V ~ (100...240 V ~ 50/60 Hz)	-	2-point, on/off	
RDAS7S-230S	230 V ~ (100...240 V ~ 50/60 Hz)	Yes	2-point, On/Off	
RDAS7S-24	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC)	-	2-point, On/Off	
RDAS7S-24S	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC)	Yes	2-point, On/Off	
RDAS7S-24A	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC)	-	0...10 V	

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NEWS!



RDAS18

18 Nm

Damper actuator with spring return, 18 Nm. For 2-point (on/off) or 0...10V control signal.

Technical data	
Mounting	Interior, weather protected
Damper shaft, round	8...25.6 mm
Damper shaft, square	6...18 mm
Damper shaft, min. shaft length	20 mm
Damper shaft, shaft hardness	<300 HV
Max. damper size	3.0 m ²
Torque	18 Nm
Protection class	IP54
Running time, actuator	90 s
Closing time, spring	15 s
Cable length	0,9 m (Maximun extension 300 m)

Article	Supply voltage	Auxiliary switch	Control signal	Note
RDAS18S-230	230 V ~ (100...240 V ~ 50/60 Hz)	-	2-point, On/Off	
RDAS18S-230S	230 V ~ (100...240 V ~ 50/60 Hz)	Yes	2-point, On/Off	
RDAS18S-24	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC)	-	2-point, On/Off	
RDAS18S-24S	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC)	Yes	2-point, On/Off	
RDAS18S-24A	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC)	-	0...10 V	

DAMPER ACTUATORS WITHOUT SPRING RETURN

NEWS!



RDAS5

5Nm

Damper actuator without spring return, 5 Nm. For 2-point (on/off)/3-point or 0...10 V control signal.

Technical data	
Mounting	Interior, weather protected
Damper shaft, round	8...16, 8...10 mm
Damper shaft, square	6...12.8 mm
Damper shaft, min. shaft length	20 mm
Damper shaft, shaft hardness	<300 HV
Max. damper size	0.8 m ²
Torque	5 Nm
Protection class	IP54
Running time, actuator	150 s
Cable length	0,9 m (Maximun extension 300 m)

Article	Supply voltage	Auxiliary switch	Control signal	Note
RDAS5-230	230 V ~ (100...240 V ~ 50/60 Hz)	-	3-point or 2-point, On/Off	
RDAS5-230S	230 V ~ (100...240 V ~ 50/60 Hz)	Yes	3-point or 2-point, On/Off	
RDAS5-24	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC)	-	3-point or 2-point, On/Off	
RDAS5-24S	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC)	Yes	3-point or 2-point, On/Off	
RDAS5-24A	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC)	-	0...10 V	

NEWS!



RDAS10

10 Nm

Damper actuator without spring return, 10 Nm. For 2-point (on/off)/3-point or 0...10 V control signal.

Technical data	
Mounting	Interior, weather protected
Damper shaft, round	8...16 mm, 8...10 mm
Damper shaft, square	6...12.8 mm
Damper shaft, min. shaft length	20 mm
Damper shaft, shaft hardness	<300 HV
Max. damper size	1.6 m ²
Torque	10 Nm
Protection class	IP54
Running time, actuator	150 s
Cable length	0,9 m (Maximun extension 300 m)

Article	Supply voltage	Auxiliary switch	Control signal	Note
RDAS10-230	230 V ~ (100...240 V ~ 50/60 Hz)	-	3-point or 2-point, On/Off	
RDAS10-230S	230 V ~ (100...240 V ~ 50/60 Hz)	Yes	3-point or 2-point, On/Off	
RDAS10-24	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC)	-	3-point or 2-point, On/Off	
RDAS10-24S	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC)	Yes	3-point or 2-point, On/Off	
RDAS10-24A	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC)	-	0...10 V	

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NEWS!

20 Nm

Damper actuator without spring return, 20 Nm. For 2-point (on/off)/3-point or 0...10 V control signal.



RDAS20

Technical data	
Mounting	Interior, weather protected
Damper shaft, round	8...20.5 mm
Damper shaft, square	8...14.5 mm
Damper shaft, min. shaft length	20 mm
Damper shaft, shaft hardness	<300 HV
Max. damper size	4.0 m ²
Torque	20 Nm
Protection class	IP54
Running time, actuator	150 s
Cable length	0,9 m (Maximun extension 300 m)

Article	Supply voltage	Auxiliary switch	Control signal	Note
RDAS20-230	230 V ~ (100...240 V ~ 50/60 Hz)	-	3-point or 2-point, On/Off	
RDAS20-230S	230 V ~ (100...240 V ~ 50/60 Hz)	Yes	3-point or 2-point, On/Off	
RDAS20-24	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC)	-	3-point or 2-point, On/Off	
RDAS20-24S	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC)	Yes	3-point or 2-point, On/Off	
RDAS20-24A	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC)	-	0...10 V	
RDAS20-24AS	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 V DC)	Yes	0...10 V	

NEWS!

35 Nm

Damper actuator without spring return, 35 Nm. For 3-point or 0...10 V control signal.



RDAS35

Technical data	
Mounting	Interior, weather protected
Damper shaft, round	8...25.6 mm
Damper shaft, square	6...18 mm
Damper shaft, min. shaft length	20 mm
Damper shaft, shaft hardness	<300 HV
Max. damper size	6.0 m ²
Torque	35 Nm
Protection class	IP54
Running time, actuator	125 s
Cable length	0,9 m (Maximun extension 300 m)

Article	Supply voltage	Auxiliary switch	Control signal	Note
RDAS35-230	230 V ~ (100...240 V ~ 50/60 Hz)	-	3-point	
RDAS35-24	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 DC)	-	3-point	
RDAS35-24A	24 V AC/DC (20...28 V AC 50/60 Hz / 24...48 DC)	-	0...10 V	

DAMPER ACTUATOR ACCESSORIES

Article	Description	Note
ASK71.9	Damper crank arm for RDAS with torque 5-35Nm	
ASK71.6	Rotary/linear set with lever and plate for RDAS5 and RDAS10	
ASK78.6	Centering insert for RDAS5 and RDAS10, 8x8mm square profile	
ASK78.7	Centering insert for RDAS5 and RDAS10, 10x10mm square profile	
ASK74.7	Shaft extension for RDAS with torque 7-35Nm	
ASK71.14	Rotary/linear set with lever and plate for RDAS20	
ASC77.1E	External aux. switch (1) for RDAS with torque 7Nm, 18Nm, 20Nm and 35Nm	
ASC77.2E	External aux. switch (2) for RDAS with torque 7Nm, 18Nm, 20Nm and 35Nm	
DPTW	Positioner 0...100 % for modulating actuators (0...10 V), wall mounting	
DPTF	Positioner 0...100 % for modulating actuators (0...10 V), panel mounting	



ASK71.9



ASK71.6



ASK78.6



ASK78.7



ASK74.7



ASK71.14



ASC77.1E



ASC77.2E



DPTW



DPTF