



41P549



41P602



41P461



2UPH2



36G971



SIEMENS

Honeywell

KIMC

BELIMO

Electric Damper Actuators

Torque	Signal Type	Timing	Voltage	Switch Type	Mfr. Model	Item No.
Johnson Controls						
Spring-Return						
27 in-lb	Floating, On/Off	150 sec	24VAC/DC	—	M9203-AGA-2	41P549
	Floating, On/Off	90 sec	24VAC/DC	—	M9203-AGA-2Z	41P550
	Floating, On/Off	150 sec	24VAC/DC	SPDT	M9203-AGB-2	41P551
	Floating, On/Off	90 sec	24VAC/DC	SPDT	M9203-AGB-2Z	41P552
	On/Off	Less than 75 sec	24VAC/DC	—	M9203-BGA-2	41P553
	On/Off	Less than 75 sec	24VAC/DC	SPDT	M9203-BGB-2	41P554
	On/Off	Less than 75 sec	85-264VAC	—	M9203-BUA-2	41P555
	On/Off	Less than 30 sec	85-264VAC	—	M9203-BUA-2Z	41P556
	On/Off	Less than 75 sec	85-264VAC	SPDT	M9203-BUB-2	41P557
	On/Off	Less than 30 sec	85-264VAC	SPDT	M9203-BUB-2Z	41P558
	Proportional	150 sec	24VAC/DC	—	M9203-GGA-2	41P559
	Proportional	90 sec	24VAC/DC	SPDT	M9203-GGB-2	41P561
70 in-lb	Floating, On/Off	150 sec	24VAC/DC	—	M9208-AGA-2	41P572
	Floating, On/Off	150 sec	24VAC/DC	—	M9208-AGA-3	41P573
	Floating, On/Off	150 sec	24VAC/DC	2 SPDT	M9208-AGC-3	41P574
	On/Off	Less than 75 sec	120VAC	—	M9208-BAA-3	41P575
	On/Off	Less than 75 sec	120VAC	2 SPDT	M9208-BAC-3	41P576
	On/Off	Less than 75 sec	230VAC	—	M9208-BDA-3	41P577
	On/Off	Less than 75 sec	230VAC	2 SPDT	M9208-BDC-3	41P578
	On/Off	Less than 75 sec	24VAC/DC	—	M9208-BGA-3	41P579
	On/Off	Less than 75 sec	24VAC/DC	2 SPDT	M9208-BGC-3	41P580
	Proportional	150 sec	24VAC/DC	—	M9208-GGA-2	41P581
	Proportional	150 sec	24VAC/DC	2 SPDT	M9208-GGC-3	41P582
	Proportional	150 sec	24VAC/DC	—	M9220-AGA-3	41P593
177 in-lb	Floating, On/Off	150 sec	24VAC/DC	2 SPDT	M9220-AGC-3	41P594
	On/Off	24 to 57 sec	120VAC	—	M9220-BAA-3	41P595
	On/Off	24 to 57 sec	120VAC	2 SPDT	M9220-BAC-3	41P596
	On/Off	24 to 57 sec	230VAC	—	M9220-BDA-3	41P597
	On/Off	24 to 57 sec	230VAC	2 SPDT	M9220-BDC-3	41P598
	On/Off	24 to 57 sec	24VAC/DC	—	M9220-BGA-3	41P599
	On/Off	24 to 57 sec	24VAC/DC	2 SPDT	M9220-BGC-3	41P601
	Proportional	150 sec	24VAC/DC	—	M9220-GGA-3	41P602
	Proportional	150 sec	24VAC/DC	2 SPDT	M9220-GGC-3	41P603
	Proportional	150 sec	24VAC/DC	—	M9220-HGA-3	41P604
	Proportional	150 sec	24VAC/DC	2 SPDT	M9220-HGC-3	41P605
Non-Spring-Return						
18 in-lb	Floating	36 sec	24VAC	—	M9102-AGA-1S	41P461
	Floating	30 sec	24VAC	—	M9102-AGA-2S	41P462
	Floating	30 sec	24VAC	—	M9102-AGA-3S	41P463
	Floating, On/Off	30 sec	24VAC	—	M9102-IGA-2S	41P464
	Floating, On/Off	30 sec	24VAC	—	M9102-IGA-3S	41P465
	Floating	72 sec	24VAC	—	M9104-AGA-1S	41P467
	Floating	60 sec	24VAC	—	M9104-AGA-2S	41P468
	Floating	60 sec	24VAC	—	M9104-AGA-3S	41P469
	Floating	60 sec	20-30VAC	—	M9104-AGP-2S	35LY73
	Proportional	60 sec	24VAC	—	M9104-GGA-2S	41P470
	Proportional	60 sec	24VAC	—	M9104-GGA-3S	41P471
	Floating, On/Off	60 sec	24VAC	—	M9104-IGA-2S	41P472
35 in-lb	Floating, On/Off	60 sec	24VAC	—	M9104-IGA-3S	41P473
	Floating with Timeout	60 sec	100-240VAC	—	M9104-IUA-2S	35LY72
	Floating	60 sec	24VAC	2 SPDT	M9106-AGC-4	41P478
	Floating	60 sec	24VAC	2 SPDT	VA9310-HGA-1	41P479
	Floating	60 sec	24VAC	—	M9106-IGA-4	41P488
	Floating	60 sec	24VAC	2 SPDT	M9106-IGC-5	41P492
	Floating, On/Off	25 to 50 sec	24VAC/DC	—	M9108-AGA-2	41P493
	Floating, On/Off	25 to 50 sec	24VAC/DC	2 SPDT	M9108-AGC-2	41P494
	Floating, On/Off	25 to 50 sec	24VAC/DC	—	M9108-AGD-2	41P495
	Floating, On/Off	25 to 50 sec	24VAC/DC	—	M9108-AGE-2	41P496
	Proportional	25 to 50 sec	24VAC/DC	—	M9108-GGA-2	41P497
	Proportional	25 to 50 sec	24VAC/DC	2 SPDT	M9108-GGC-2	41P498
70 in-lb	Proportional	25 to 50 sec	24VAC/DC	—	M9108-HGA-2	41P499
	Proportional	25 to 50 sec	24VAC/DC	2 SPDT	M9108-HGC-2	41P501
	Resistive	25 to 50 sec	24VAC/DC	—	M9108-JGA-2	41P502
	Resistive	25 to 50 sec	24VAC/DC	2 SPDT	M9108-JGC-2	41P503
	Floating	60 sec	24VAC/DC	—	M9109-AGA-5	41P506
	Floating	60 sec	24VAC/DC	2 SPDT	M9109-AGC-5	41P508
	Floating	60 sec	24VAC/DC	—	M9109-GGA-5	41P512
	Proportional	60 sec	24VAC/DC	2 SPDT	M9109-GGC-4	41P514
	Proportional	60 sec	24VAC/DC	2 SPDT	M9109-GGC-5	41P515
	89 in-lb	Floating	90 sec	1 SPDT or 2 SPDT	M9310-HGA-2	48GF85

Torque	Signal Type	Timing	Voltage	Switch Type	Mfr. Model	Item No.
140 in-lb	Floating, On/Off	70 to 115 sec	24VAC/DC	—	M9116-AGA-2	41P516
	Floating, On/Off	70 to 115 sec	24VAC/DC	2 SPDT	M9116-AGC-2	41P517
	Floating, On/Off	70 to 115 sec	24VAC/DC	—	M9116-AGD-2	41P518
	Floating, On/Off	70 to 115 sec	24VAC/DC	—	M9116-AGE-2	41P519
	Proportional	70 to 115 sec	24VAC/DC	—	M9116-GGA-2	41P520
	Proportional	70 to 115 sec	24VAC/DC	2 SPDT	M9116-GGC-2	41P521
	On/Off	70 to 115 sec	24VAC/DC	—	M9116-HGA-2	41P522
	On/Off	70 to 115 sec	24VAC/DC	2 SPDT	M9116-HGC-2	41P523
	Resistive	70 to 115 sec	24VAC/DC	—	M9116-JGA-2	41P524
	Resistive	70 to 115 sec	24VAC/DC	2 SPDT	M9116-JGC-2	41P525
177 in-lb	Floating	90 sec	24VAC/DC	1 SPDT or 2 SPDT	M9320-HGA-2	48GF86
210 in-lb	Floating, On/Off	115 to 175 sec	24VAC/DC	—	M9124-AGA-2	41P526
	Floating, On/Off	115 to 175 sec	24VAC/DC	2 SPDT	M9124-AGC-2	41P527
	Floating, On/Off	115 to 175 sec	24VAC/DC	—	M9124-AGD-2	41P528
	Floating, On/Off	115 to 175 sec	24VAC/DC	—	M9124-AGE-2	41P529
	Proportional	115 to 175 sec	24VAC/DC	—	M9124-GGA-2	41P530
	Proportional	117 to 175 sec	24VAC/DC	2 SPDT	M9124-GGC-2	41P531
	On/Off	115 to 175 sec	24VAC/DC	—	M9124-HGA-2	41P532
	On/Off	115 to 175 sec	24VAC/DC	2 SPDT	M9124-HGC-2	41P533
	Resistive	115 to 175 sec	24VAC/DC	—	M9124-JGA-2	41P534
	Resistive	115 to 175 sec	24VAC/DC	2 SPDT	M9124-JGC-2	41P535
280 in-lb	Floating, On/Off	115 to 205 sec	24VAC/DC	—	M9132-AGA-2	41P536
	Floating, On/Off	115 to 205 sec	24VAC/DC	2 SPDT	M9132-AGC-2	41P537
	Floating, On/Off	115 to 205 sec	24VAC/DC	—	M9132-AGE-2	41P538
	Proportional	115 to 205 sec	24VAC/DC	—	M9132-GGA-2	41P539
310 in-lb	Floating	90 sec	24VAC/DC	2 SPDT	M9132-GGC-2	41P540
310 in-lb	Floating	90 sec	24VAC/DC	1 SPDT or 2 SPDT	M9335-HGA-2	48GF87
Siemens						
Spring-Return						
20 in-lb	Modulating	15 sec Spring Return, 30 sec	24VAC/DC	—	GQD151.1P	2WXU2
	On/Off	15 sec Spring Return, 30 sec	24VAC/DC	—	GQD121.1P	2UPH7
	On/Off	15 sec Spring Return, 30 sec	120VAC	—	GQD221.1U	5WYD9
62 in-lb	Floating	90 sec	24VAC/DC	—	GMA131.1P	40PN55
	Modulating	90 sec	24VAC/DC	—	GMA161.1P	2UPH3
	On/Off	90 sec	24VAC/DC	2 SPDT	GMA126.1P	5WYE5
	On/Off	90 sec	24VAC/DC	—	GMA121.1P	2UPH6
	On/Off	90 sec	120VAC	—	GMA221.1U	5WYD8
	On/Off	90 sec	120VAC	2 SPDT	GMA226.1U	5WYE3
160 in-lb	Modulating	90 sec	24VAC/DC	—	GCA161.1P	2UPH2
	Modulating	90 sec	24VAC/DC	—	GCA151.1P	40PN56
	On/Off	90 sec	24VAC/DC	2 SPDT	GCA126.1P	5WYE4
	On/Off	90 sec	24VAC/DC	—	GCA121.1P	2UPH5
	On/Off	90 sec	120VAC	—	GCA221.1U	5WYD7
	On/Off	90 sec	120VAC	SPDT	GCA226.1U	5WYE2
Non-Spring-Return						
44 in-lb	Floating	90 sec	24VAC	—	GDE131.1P	2UPH1
88 in-lb	Modulating	90 sec	24VAC	—	GDE161.1P	2UPH4
132 in-lb	Modulating	125 sec	24VAC	—	GLB161.1P	36G974
132 in-lb	Floating	125 sec	24VAC	—	GBB131.1U	36G971
221 in-lb	Modulating	125 sec	24VAC	—	GBB161.1U	36G972
310 in-lb	Floating	125 sec	24VAC	—	GBB131.1U	36G969
310 in-lb	Floating	125 sec	24VAC	—	GIB131.1U	36G967
310 in-lb	Modulating	125 sec	24VAC	—	GIB161.1U	36G968
Honeywell						
Spring-Return						
27 in-lb	On/Off	25 sec Spring Return, 45 sec Nominal @ 60 Hz	24VAC/DC	SPST	MS8103A1130	6LJL0
30 in-lb	On/Off	15 sec Nominal @ 60 Hz, 15 sec Spring Return	24VAC	—	MS8104F1010	34GR11
	On/Off	15 sec Nominal @ 60 Hz, 15 sec Spring Return	120VAC	2 PSDT	MS4104F1010	34GR10
44 in-lb	Floating	25 sec Spring Return, 90 sec Nominal @ 60 Hz	24VAC/DC	SPDT	MS7505W2030	278Y41
	Floating, On/Off	25 sec Spring Return, 45 sec Nominal @ 60 Hz	24VAC/DC	SPDT	MS7505A2130	6HMH3
	Floating, On/Off	25 sec Spring Return, 90 sec Nominal @ 60 Hz	24VAC/DC	SPDT	MS7505A2030	278Y12
	On/Off	25 sec Spring Return, 45 sec Nominal @ 60 Hz	24VAC/DC	SPST	MS8105A1030	278Y20
	On/Off	25 sec Spring Return, 45 sec Nominal @ 60 Hz	24VAC/DC	SPST	MS8105A1130	278Y42
	On/Off	25 sec Spring Return, 45 sec Nominal @ 60 Hz	120/230VAC	SPST	MS4105A1030	278Y33

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