

Honeywell

Interactive Catalog Replaces Catalog Pages

Honeywell Sensing and Control has replaced the PDF product catalog with the new **Interactive Catalog**. The **Interactive Catalog** is a power search tool that makes it easier to find product information. It includes more installation, application, and technical information than ever before.



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Sensing and Control
Honeywell Inc.
11 West Spring Street
Freeport, Illinois 61032



ELECTRICAL RATINGS (in amps)



Voltage	UM50E Silver Contacts		UM40B/D Silver Contacts		UM10A/B/D/E Gold Contacts
	Resistive	Inductive	Resistive	Inductive	Resistive
125 VAC	5	3	3	2	0.1
250 VAC	5	3	3	2	0.1
30 VDC	5	3*	3	2*	0.1




*Time constant for DC inductive loads: less than 7 msec.
UL File No. E12252, CSA File LR23413M167

FEATURES

- Choice of low energy or power duty electrical ratings
- Variety of integral actuators
- Temperature Range: -25° to +85°C (-13° to 185°F)
- Weight: 2 grams (.07 oz.)
- UL/CSA/VDE/SEMKO marking designations
- Form C single-pole double-throw (SPDT) circuitry

ORDER GUIDE 0.1 AMP TYPE GOLD CONTACTS

Rating	Actuator Length	O.F. max. grams oz.	Terminals		R.F. min. g ounces	P.T. max. mm inches	O.T. min. mm inches	D.T. max. mm inches	O.P mm inches
			Solder	.110 QC					
 0.1 Amp 250 VAC	A pin plunger	25 .88	UM10A10A01	UM10A70A01	2 .071	0,6 .024	0,4 .016	0,1 .004	8,4 ± 0,3 .331 ± .012
		50 1.76	UM10B10A01	UM10B70A01	7,5 .265	0,6 .024	0,4 .016	0,1 .004	8,4 ± 0,3 .331 ± .012
		100 3.57	UM10D10A01	UM10D70A01	15 .529	0,6 .024	0,4 .016	0,1 .004	8,4 ± 0,3 .331 ± .012
		150 5.3	UM10E10A01	UM10E70A01	20 .705	0,6 .024	0,4 .016	0,1 .004	8,4 ± 0,3 .331 ± .012
 B flat lever 18mm	B flat lever 18mm	10 .35	UM10A10B01	UM10A70B01	0,4 .014	2,5 .098	0,8 .031	0,5 .020	8,8 ± 0,8 .346 ± .031
		20 .7	UM10B10B01	UM10B70B01	1,7 .060	2,5 .098	0,8 .031	0,5 .020	8,8 ± 0,8 .346 ± .031
		40 1.4	UM10D10B01	UM10D70B01	3,5 .123	2,5 .098	0,8 .031	0,5 .020	8,8 ± 0,8 .346 ± .031
		60 2.1	UM10E10B01	UM10E70B01	4,0 .141	2,5 .098	0,8 .031	0,5 .020	8,8 ± 0,8 .346 ± .031
	C flat lever 20mm	8 .28	UM10A10C01	UM10A70C01	0,35 .012	2,8 .110	1,2 .047	0,8 .031	8,8 ± 0,8 .346 ± .031
		16 .56	UM10B10C01	UM10B70C01	1,5 .053	2,8 .110	1,2 .047	0,8 .031	8,8 ± 0,8 .346 ± .031
		35 1.23	UM10D10C01	UM10D70C01	3,0 .106	2,8 .110	1,2 .047	0,8 .031	8,8 ± 0,8 .346 ± .031
		55 2	UM10E10C01	UM10E70C01	3,5 .123	2,8 .110	1,2 .047	0,8 .031	8,8 ± 0,8 .346 ± .031
	D flat lever 26mm	12 .4	UM10B10D01	UM10B70D01	1,2 .042	3,5 .138	1,6 .063	1,0 .039	8,8 ± 1,2 .346 ± .047
		25 .88	UM10D10D01	UM10D70D01	2,5 .088	3,5 .138	1,6 .063	1,0 .039	8,8 ± 1,2 .346 ± .047
		45 1.6	UM10E10D01	UM10E70D01	3,0 .106	3,5 .138	1,6 .063	1,0 .039	8,8 ± 1,2 .346 ± .047

		15 .52	UM10D10J01	UM10D70J01	1,0 .035	8,5 .335	2,2 .087	2,5 .098	8,8 ± 2,4 .346 ± .094
		20 .7	UM10E10J01	UM10E70J01	1,0 .035	8,5 .335	2,2 .087	2,5 .098	8,8 ± 2,4 .346 ± .094
0.1 Amp 250 VAC 	E simulated roller lever, radius 2,5mm, 19mm	16 .56	UM10B10E01	UM10B70E01	1,5 .053	2,8 .110	1,2 .047	0,8 .031	11,65 ± 0,8 .459 ± .031
		35 1.23	UM10D10E01	UM10D70E01	3,0 .106	2,8 .110	1,2 .047	0,8 .031	11,65 ± 0,8 .459 ± .031
		55 2	UM10E10E01	UM10E70E01	3,5 .123	2,8 .110	1,2 .047	0,8 .031	11,65 ± 0,8 .459 ± .031
	H simulated roller lever, radius 1,3mm, 19mm	16 .56	UM10B10H01	UM10B70H01	1,5 .053	2,8 .110	1,2 .047	0,8 .031	10,7 ± 0,8 .421 ± .031
		35 1.23	UM10D10H01	UM10D70H01	3,0 .106	2,8 .110	1,2 .047	0,8 .031	10,7 ± 0,8 .421 ± .031
		55 2	UM10E10H01	UM10E70H01	3,5 .123	2,8 .110	1,2 .047	0,8 .031	10,7 ± 0,8 .421 ± .031
0.1 Amp 250 VAC 	F roller lever 18,00mm	20 .7	UM10B10F01	UM10B70F01	1,7 .060	2,5 .098	0,8 .031	0,5 .020	14,50 ± 0,8 .571 ± .031
		40 1.4	UM10D10F01	UM10D70F01	3,5 .123	2,5 .098	0,8 .031	0,5 .020	14,50 ± 0,8 .571 ± .031
		60 2.1	UM10E10F01	UM10E70F01	4,0 .141	2,5 .098	0,8 .031	0,5 .020	14,50 ± 0,8 .571 ± .031

Miniature/
Subminiature







OTHER TERMINATION TYPES ARE AVAILABLE

For PC Straight cross-line, change 2nd set of numbers to 20 (Example: UM10A20A01)

For PC Straight international, change 2nd set of numbers to 40 (Example: UM10A40A01)

For PC Straight right angle, change 2nd set of numbers to 50 (Example: UM10A50A01)

For PC Straight left angle, change 2nd set of numbers to 60 (Example: UM10A60A01)

		20	40	50	60	2,5	3,5	1,2	1,6	0,8 ± 0,8
		.7	1.4	2.0	2.6	.098	.123	.031	.047	.331 ± .012
 3 Amp 250 VAC	B flat lever 18mm	20	UM40B10B01	UM40B70B01	1,7	2,5	0,8	0,5	8,8 ± 0,8	
		.7			.060	.098	.031	.020	.346 ± .031	
		C flat lever 20mm	40	UM40D10B01	UM40D70B01	3,5	2,5	0,8	0,5	8,8 ± 0,8
			1.4			.123	.098	.031	.020	.346 ± .031
		D flat lever 26mm	16	UM40B10C01	UM40B70C01	1,5	2,8	1,2	0,8	8,8 ± 0,8
			.56			.053	.110	.047	.031	.346 ± .031
		J flat lever 60mm	35	UM40D10C01	UM40D70C01	3,0	2,8	1,2	0,8	8,8 ± 0,8
			1.23			.106	.110	.047	.031	.346 ± .031
	D flat lever 26mm	12	UM40B10D01	UM40B70D01	1,2	3,5	1,6	1,0	8,8 ± 1,2	
		.4			.042	.138	.063	.039	.346 ± .047	
	J flat lever 60mm	25	UM40D10D01	UM40D70D01	2,5	3,5	1,6	1,0	8,8 ± 1,2	
		.88			.088	.138	.063	.039	.346 ± .047	
	E simulated roller lever, radius 2,5mm 19mm	6	UM40B10J01	UM40B70J01	0,5	8,5	2,2	2,5	8,8 ± 2,4	
		.2			.018	.335	.087	.098	.346 ± .094	
	H simulated roller lever, radius 1,3mm 19,15mm	15	UM40D10J01	UM40D70J01	1,0	8,5	2,2	2,5	8,8 ± 2,4	
		.52			.035	.335	.087	.098	.346 ± .094	
 3 Amp 250 VAC	E simulated roller lever, radius 2,5mm 19mm	16	UM40B10E01	UM40B70E01	1,5	2,8	1,2	0,8	11,65 ± 0,8	
		.56			.053	.110	.047	.031	.459 ± .031	
	H simulated roller lever, radius 1,3mm 19,15mm	35	UM40D10E01	UM40D70E01	3,0	2,8	1,2	0,8	11,65 ± 0,8	
		1.23			.106	.110	.047	.031	.459 ± .031	
F roller lever 18mm	16	UM40B10H01	UM40B70H01	1,5	2,8	1,2	0,8	10,7 ± 0,8		
	.56			.053	.110	.047	.021	.421 ± .031		
	H simulated roller lever, radius 1,3mm 19,15mm	35	UM40D10H01	UM40D70H01	3,0	2,8	1,2	0,8	10,7 ± 0,8	
		1.23			.106	.110	.047	.031	.421 ± .031	
 3 Amp 250 VAC	F roller lever 18mm	20	UM40B10F01	UM40B70F01	1,7	2,5	0,8	0,5	14,50 ± 0,8	
		.7			.060	.098	.031	.020	.571 ± .031	
	H simulated roller lever, radius 1,3mm 19,15mm	40	UM40D10F01	UM40D70F01	3,5	2,5	0,8	0,5	14,50 ± 0,8	
		1.4			.123	.098	.031	.020	.571 ± .031	
 5 Amp 250 VAC	A pin plunger	150	UM50E10A01	UM50E70A01	20	0,6	0,4	0,1	8,4 ± 0,3	
	5.3			.705	.024	.016	.004	.331 ± .012		
	B flat lever 18mm	60	UM50E10B01	UM50E70B01	4,0	2,5	0,8	0,5	8,8 ± 0,8	
		2.1			.141	.098	.031	.020	.346 ± .031	
	C flat lever 20mm	55	UM50E10C01	UM50E70C01	3,5	2,8	1,2	0,8	8,8 ± 0,8	
2			.123	.110	.047	.031	.031	.346 ± .031		
D flat lever 26mm	45	UM50E10D01	UM50E70D01	3,0	3,5	1,6	1,0	8,8 ± 1,2		
1.6			.106	.138	.063	.039	.039	.346 ± .047		
J flat lever 60mm		UM50E10J01	UM50E70J01	1,0	8,5	2,2	2,5	8,8 ± 2,4		
.035			.035	.335	.087	.098	.098	.346 ± .094		
 5 Amp 250 VAC	E simulated roller lever, radius 2,5mm 19mm	55	UM50E10E01	UM50E70E01	3,5	2,8	1,2	0,8	11,65 ± 0,8	
		2			.123	.110	.047	.031	.459 ± .031	
H simulated roller lever, radius 1,3mm 19mm	55	UM50E10H01	UM50E70H01	3,5	2,8	1,2	0,8	10,7 ± 0,8		
	2			.123	.110	.047	.031	.421 ± .031		
 5 Amp 250 VAC	F roller lever 18mm	60	UM50E10F01	UM50E70F01	4,0	2,5	0,8	0,5	14,50 ± 0,8	
2.1			.141	.098	.031	.020	.020	.571 ± .031		

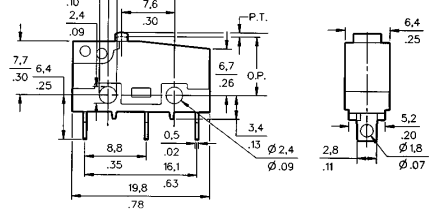
OTHER TERMINATION TYPES ARE AVAILABLE

For PC Straight cross-line, change 2nd set of numbers to 20 (Example: UM40B20A01)

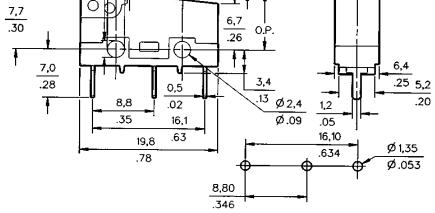
For PC Straight international, change 2nd set of numbers to 40 (Example: UM40B40A01)

For PC Straight right angle, change 2nd set of numbers to 50 (Example: UM40B50A01)

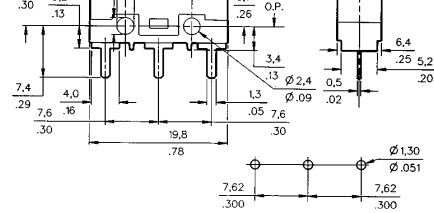
For PC Straight left angle, change 2nd set of numbers to 60 (Example: UM40B60A01)



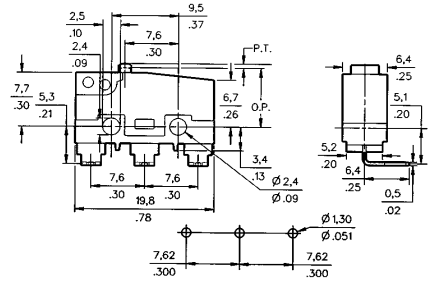
PC Right Angle In-line - Type 50



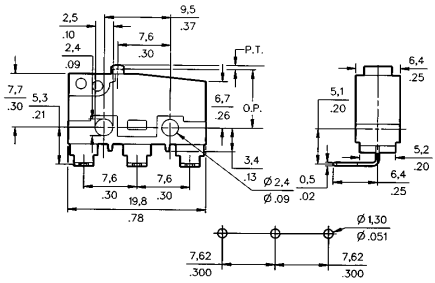
PC Left Angle In-line - Type 60



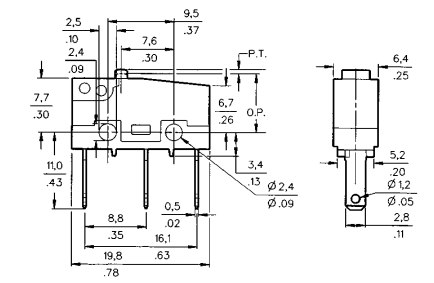
QC Quick Connect - Type 70



18mm Flat Lever Type B



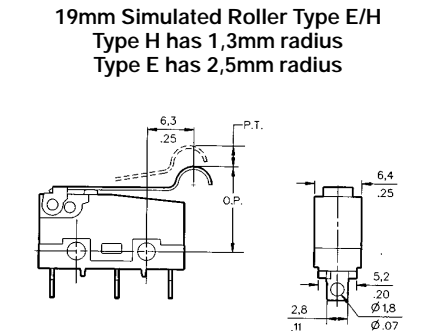
20mm Flat Lever Type C



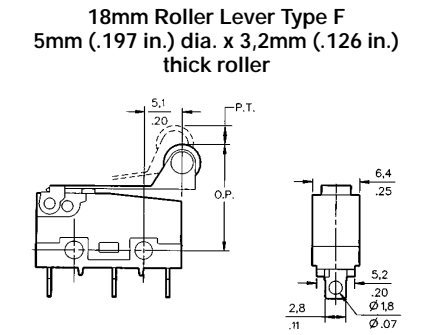
26mm Flat Lever Type D
60mm Type J

Miniature/
Subminiature

Lever Actuators 4mm (.158) wide



19mm Simulated Roller Type E/H
Type H has 1,3mm radius
Type E has 2,5mm radius



18mm Roller Lever Type F
5mm (.197 in.) dia. x 3,2mm (.126 in.)
thick roller

Mounting screw size is m 2,3.
Maximum tightening torque is 3 kg-cm.

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