

# DMC Series

## High Sensitivity Micro Switch

### Features

- High sensitivity and short traveling distance
- Long lifespan, high reliability
- Variety of terminals and levers shapes
- Large endurance

### Specifications

- UL61058 : 16.1GP/16.1RA 125/250VAC T125  $\mu$  10000 cycles/50000 cycles/100K cycles IP30;  
16.1GP/16.1RA/1/2hp 125/250VAC T125  $\mu$  10000 cycles/50000 cycles IP30;  
15RA 30VDC T85  $\mu$  10000 cycles IP30;  
10RA 24VDC T85  $\mu$  10000 cycles IP30
- UL1054 : 15.1A 125/250VAC T105/T130 6000 cycles/100K cycles;  
15.1A 125/250VAC, 0.5A 125VDC, 1/2hp 125/250VAC T105 6000 cycles;  
20.2A 125VAC, 10.1A 250VAC, 1/2hp 125/250VAC T105 6000 cycles;  
12A 12VDC T105 6000 cycles;  
15A 30VDC T65 6000 cycles
- ENEC/CQC : 16(4)A 250VAC T125  $\mu$  10000 cycles/50000 cycles/100K cycles IP30;  
15(3)A 250VAC T85/T125  $\mu$  10000 cycles/50000 cycles IP30;  
6(6)A 250VAC T85/T125  $\mu$  10000 cycles/50000 cycles IP30;  
15(6)A 250VAC T85  $\mu$  10000 cycles IP30;  
15A 250VAC T85 10000 cycles/50000 cycles IP30;  
4(3)A 250VAC T85 10000 cycles/50000 cycles IP30;  
15A 250VAC T125 10000 cycles IP30;  
4(3)A 250VAC T125 10000 cycles IP30
- Insulation resistance :  $\geq 50M\Omega$
- Contact resistance :  $\leq 50m\Omega$

### Typical applications

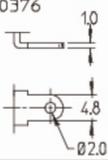
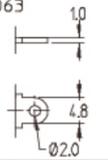
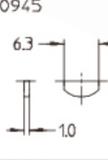
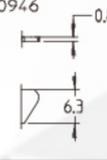
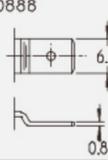
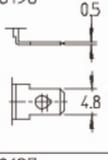
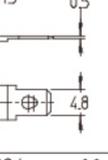
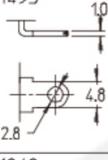
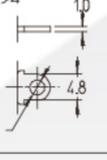
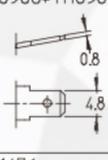
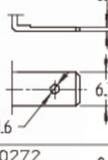
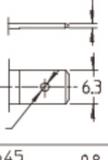
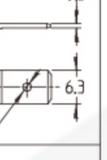
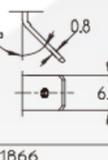
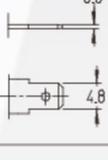
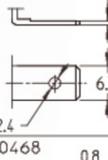
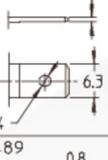
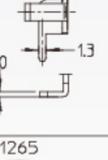
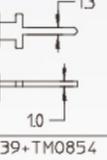
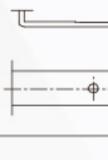
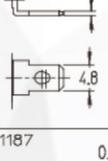
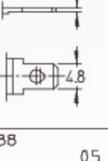
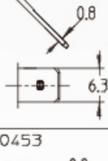
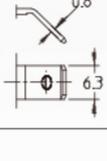
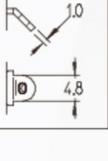
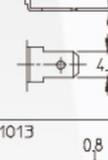
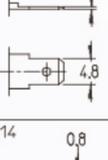
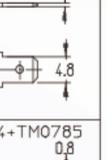
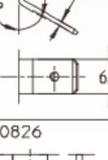
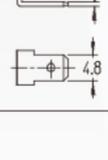
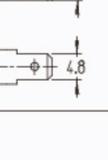
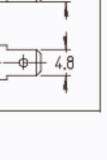
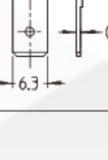
Kitchenware appliances	Floorcare appliances	White goods	Medical equipment	Automatic machine and car electron
 Blender  Rice cooker	 Vacuum cleaning robot	 Dishwasher		

### DMC-XXXX

Circuit	Gap	Lever	Knob	Terminal	Operation force		
- X	X -	X	X	X	X X - XXX		
A	A Micro Contact gap	A MF0028	G MF0110	P MF0285	2 MF0502	A PP0157	1 75±25gf. (USE SL0072)
B	B 3.0mm Contact gap	B MF0029	H MF0147	Q MF0288	13 SA3984	E PP1073	2 160±65gf. (USE SL0688)
C		D MF0058	J MF0148	S MF0294	15 MF0357	F PP1074	3 200+80/-50gf. (USE SL0050)
		F MF0097	L MF0221	T MF0410	18 MN1689	G PP1302	4 320+160/-100gf. (SL0050+SL0072)
						K PP1729	5 400+200/-100gf. (USE SL0204)
						O PS0309	

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### DMC SERIES TERMINAL OPTIONS

	COM.	NC. / NO. (Micro gap)	NC. / NO. (3mm gap)		COM.	NC. / NO. (Micro gap)	NC. / NO. (3mm gap)		COM.	NC. / NO. (Micro gap)	NC. / NO. (3mm gap)
A	TM0376 	TM0063 		L	TM0945 		TM0946 	W		TM0888 	
B	TM0196 	TM0115 		M	TM1493 	TM1494 		X		TM0906+TM0904 	
C	TM0197 	TM0084 	TM1605 	R	TM1840 			1		TM1476 	
D	TM0272 	TM0645 		S	TM1866 	TM1865 		8	TM1026 		
E	TM0468 	TM0489 		T	TM1265 	TM1339+TM0854 		9		TM0070 	
F	TM1187 	TM1188 	TM1891 	U	TM0453 						
H	TM1013 	TM1014 	TM0784+TM0785 	V	TM0826 						

### Matrix Guide

					Terminal Type			Certification						
	Voltage	Current	Number of Throws	IP Class	PCB	Soldering	Quick Connect	UL1054	UL61058	ENEC	CQC	CSA		
<b>NC</b>														
DMC-1115-AA-24AD03-01R	12VDC	1A	1	IP30			✓							
DMC-1115T-AA-0AC33-03R	125VAC, 250VAC	0.5A, 15(3)A, 15.1A, 1/2HP							✓	✓		✓		✓
DMC-1115-AA-FAH34-01R	125VAC, 250VAC	15A, 15.1A							✓	✓		✓		✓
DMC-1115T-AA-13AA32-01R	125VAC, 250VAC	15(3)A, 15.1A					✓			✓		✓		✓
DMC-1115-AA-0AH33-02R	250VAC, 12VDC	15(3)A, 12A							✓	✓		✓		
DMC-1115-AA-FAA31-01R	125VAC, 250VAC, 30VDC	15(3)A, 15A, 15.1A					✓			✓		✓		✓
DMC-1115T-AA-13AA32-01	125VAC, 250VAC	15(3)A, 15.1A					✓			✓		✓		✓
DMC-1115-AA-GAH34-01R	125VAC, 250VAC	15(3)A, 15.1A							✓	✓		✓	✓	✓
DMC-1115-AA-0AS33-02R	125VAC, 250VAC	15(6)A, 15.1A					✓			✓		✓		✓
DMC-1115-AA-GAC34-02R	125VAC, 250VAC	15(3)A, 15.1A							✓	✓		✓		✓
DMC-1115-AA-0AX33-02R	125VAC, 250VAC	15(3)A, 15.1A					✓	✓		✓		✓		✓
DMC-1115T-AA-0AX33-01R	125VAC, 250VAC	15(3)A, 15.1A							✓	✓		✓		✓
DMC-1115B-AA-BAF34-01R	125VAC, 250VAC	15(3)A, 10.1A, 1/2HP							✓	✓		✓		
DMC-1115-AA-0AA33-03R	125VAC, 250VAC	15(3)A, 15.1A					✓			✓		✓		✓
DMC-1115T-AA-0AA33-02R	125VAC, 250VAC	15(3)A, 15.1A					✓			✓		✓		✓
DMC-1115X-AA-PAH11-01R	125VAC, 250VAC	15.1A							✓	✓		✓		✓
DMC-1115T-AA-0AC31-04R	125VAC, 250VAC	15(3)A, 15.1A							✓	✓		✓		
DMC-1115-AA-0AF33-01R	125VAC, 250VAC	15(3)A, 15.1A							✓	✓		✓		✓
DMC-1115-AA-0AH23-01R	12Vdc, 250VAC	15(3)A, 20A							✓			✓		
DMC-1115-AA-0AB33-02R	125VAC, 250VAC	15(3)A, 15.1A							✓	✓		✓		✓
DMC-1115-AA-0AM33-01R	125VAC, 250VAC	15(3)A, 15.1A					✓	✓		✓		✓		
<b>NO</b>														
DMC-1115-BA-0AA33-02R	125VAC, 250VAC	15(3)A, 15.1A	1	IP30		✓		✓		✓	✓	✓		
DMC-1116-BA-0AC33-01B	125VAC, 250VAC	16(4)A, 16.1A, 1/2HP	1						✓		✓	✓		
DMC-1115-BB-0AC33-01R	125VAC, 250VAC	15A, 15.1A	1					✓	✓		✓		✓	
DMC-1115-BA-0AH33-01R	125VAC, 250VAC	15(3)A, 15.1A	1					✓	✓		✓		✓	
DMC-1115H-BA-BAC34-02R	125VAC, 250VAC	15(3)A, 15.1A	1					✓	✓		✓		✓	
DMC-1115T-BA-0AC33-03R	125VAC, 250VAC	15(3)A, 15.1A	1					✓	✓		✓		✓	
DMC-1115-BA-0AA33-01R	125VAC, 250VAC	15(3)A, 15.1A	1			✓			✓		✓	✓	✓	
DMC-1115-BA-BAC39-01R	125VAC, 250VAC	15(3)A, 15.1A	1					✓	✓		✓			
DMC-1115-BA-TAC34-01R	125VAC, 250VAC	15(3)A, 15.1A	1					✓	✓		✓	✓	✓	
DMC-1115T-BA-BAC34-02R	125VAC, 250VAC	15(3)A, 15.1A	1					✓	✓		✓		✓	
DMC-1115-BA-BAC19-01R	125VAC, 250VAC	15.1A	1					✓	✓				✓	
DMC-1115-BA-0AX33-07R	125VAC, 250VAC	15(6)A, 15.1A	1			✓			✓		✓		✓	
DMC-1115-BA-QAC34-01R	125VAC, 250VAC	15(3)A, 15.1A	1					✓	✓		✓		✓	
DMC-1115-BA-0AC33-04R	125VAC, 250VAC	15(3)A, 15.1A	1					✓	✓		✓	✓	✓	
DMC-1115T-BA-0AC33-01R	125VAC, 250VAC	15(3)A, 15.1A	1					✓	✓		✓		✓	
DMC-1115-BA-0AF33-04R	125VAC, 250VAC	15(3)A, 15.1A	1					✓	✓		✓	✓	✓	
DMC-1115J-BA-0AB33-01R	125VAC, 250VAC, 28VDC	0.05A, 15(3)A, 10.1A, 1/2HP	1					✓	✓		✓		✓	
DMC-1115-BA-0AC33-01R	125VAC, 250VAC	15.1A, 15(3)A	1					✓	✓		✓		✓	
DMC-1115-BA-0AH33-03R	12VDC, 250VAC	12A, 15(3)A	1					✓	✓		✓			
DMC-1115-BA-BAC31-01	125VAC, 250VAC	15(3)A, 15.1A	1					✓	✓		✓		✓	

DMC-1115-BA-0AF35-02R	125VAC, 250VAC	15(3)A, 15.1A	1			✓	✓		✓		
DMC-1115-BB-0AC33-02R	125VAC, 250VAC	15A, 15.1A	2			✓	✓		✓	✓	✓
DMC-1115-BA-25AX13-01R	125VAC, 250VAC	15.1A, 1/2HP	1			✓	✓				
DMC-1115-BA-0AC23-01R	250VAC	15(3)A	1			✓	✓		✓		
DMC-1115-BA-FAF31-01R	125VAC, 250VAC	15(3)A, 15.1A	1			✓	✓		✓	✓	✓
DMC-1115-BA-0AF33-02R	125VAC, 250VAC	15(3)A, 15.1A	1			✓	✓		✓		✓
DMC-1115-BA-BAC34-01R	125VAC, 250VAC	15(3)A, 15.1A	1			✓	✓		✓		✓
DMC-1115-BB-BAC33-01R	125VAC, 250VAC	15A, 15.1A	1			✓	✓		✓		✓
DMC-1115-BA-0AH33-02R	125VAC, 250VAC	15(3)A, 15.1A	1			✓	✓		✓		✓
DMC-1215-CA-0AS33-04R	125VAC, 250VAC	15(3)A, 15.1A	2			✓			✓	✓	✓
DMC-1215-CA-0AH23-01R	250VAC	6(6)A	2			✓			✓		
DMC-1215T-CA-0AH33-01R	125VAC, 250VAC	15(3)A, 15.1A	2			✓	✓		✓		
DMC-1215-CA-BAD13-01R	125VAC, 250VAC	15.1A	2			✓	✓				✓
DMC-1215-CA-0AC33-04R	125VAC, 250VAC	15(3)A, 15.1A	2			✓	✓		✓		✓
DMC-1215-CA-0AC33-02R	125VAC, 250VAC	15(3)A, 15.1A	2			✓	✓		✓		DMC: ✓
DMC-1215X-CA-0AX33-08R	DMC/DMB: 125VAC, 250VAC	DMC: 15(3)A, 15.1A DMB: 10.1A, 5A, 3A	2			DMB: ✓	DMC: ✓	DMC: ✓ DMB: ✓		DMC: ✓ DMB: ✓	✓
DMC-1215T-CA-0AH31-02R	125VAC, 250VAC	15(3)A, 15.1A	2			✓	✓		✓		✓
DMC-1215-CA-QAB33-01R	125VAC, 250VAC	15(3)A, 15.1A	2			✓	✓		✓		✓
DMC-1215-CA-20AD13-01R	125VAC, 250VAC	15.1A	2			✓	✓				
DMC-1220-CA-0AB17-02R	125VAC, 250VAC	20.2A, 10.1A, 1/2HP	2			✓	✓				
DMC-1215-CA-TAA34-01R	125VAC, 250VAC	15(3)A, 15.1A	2			✓			✓	✓	✓
DMC-1215-CA-0AS33-05R	125VAC, 250VAC	15(3)A, 15.1A	2			✓			✓	✓	✓
DMC-1208D-CA-0AA13-02R	24VDC	8A	2			✓					
DMC-1215-CA-0AE35-01R	125VAC, 250VAC	15(3)A, 15.1A	2			✓	✓		✓		✓
DMC-1220-CA-0AB33-01R	125VAC, 250VAC	20.2A, 10.1A, 1/2HP, 15A	2			✓	✓		✓		
DMC-1215-CA-0AC31-01R	125VAC, 250VAC	15(6)A, 15.1A	2			✓	✓		✓		✓
DMC-1215X-CA-0AX33-02R	DMC/DMB: 125VAC, 250VAC	DMC: 15(3)A, 15.1A DMB: 10.1A, 5A, 3A	2	IP30		DMB: ✓	DMC: ✓	DMC: ✓ DMB: ✓		DMC: ✓ DMB: ✓	DMC: ✓
DMC-1215-CA-BAC34-05R	125VAC, 250VAC	15(3)A, 15.1A	2			✓	✓		✓		✓
DMC-1215T-CA-BAE31-01R	125VAC, 250VAC	15(3)A, 15.1A	2			✓	✓		✓		✓
DMC-1208D-CA-0AA13-03R	24VDC	8A	2			✓					
DMC-1215-CA-0AF33-03R	125VAC, 250VAC	15(3)A, 15.1A	2			✓	✓		✓		✓
DMC-1215-CA-0AC33-03R	125VAC, 250VAC	15(3)A, 15.1A	2			✓	✓		✓		DMC: ✓
DMC-1215X-CA-0AX33-06R	DMC/DMB: 125VAC, 250VAC	DMC: 15(3)A, 15.1A DMB: 10.1A, 5A, 3A	2			DMB: ✓	DMC: ✓	DMC: ✓ DMB: ✓		DMC: ✓ DMB: ✓	
DMC-1215-CA-BAC34-03R	125VAC, 250VAC	15(3)A, 15.1A	2			✓	✓		✓		✓
DMC-1215T-CA-0AC33-02R	125VAC, 250VAC	15(3)A, 15.1A	2			✓	✓		✓		✓
DMC-1215-CA-GAB13-01R	125VAC, 250VAC	15.1A, 1/2HP	2			✓	✓				
DMC-1215-CA-JAX38-01R	125VAC, 250VAC	15(3)A, 15.1A	2			✓	✓	✓	✓		✓
DMC-1215-CA-0AB13-04R	125VAC, 250VAC	15.1A, 1/2HP	2			✓					
DMC-1215T-CA-0AH33-03R	125VAC, 250VAC	15(3)A, 15.1A	2			✓	✓		✓		✓
DMC-1215-CA-0AB33-01R	125VAC, 250VAC	15.1A, 15(3)A	2			✓	✓		✓		✓
DMC-1216-CA-0AC53-01R	125VAC, 250VAC	16.1GP, 15(3)A	2			✓			✓	✓	
DMC-1215-CA-BAF36-01	125VAC, 250VAC	15(3)A, 15.1A	2			✓	✓		✓		✓
DMC-1215-CA-0AS31-02R	125VAC, 250VAC	15(3)A, 15.1A	2			✓			✓	✓	✓
DMC-1215T-CA-0AE31-02R	125VAC, 250VAC	15(3)A, 15.1A	1			✓	✓		✓		✓
DMC-1215-CA-0AH33-01R	125VAC, 250VAC	6(6)A, 15.1A	1			✓	✓		✓		✓
DMC-1215-CA-BAC33	125VAC, 250VAC	15.1A, 15(3)A	2			✓	✓		✓		