



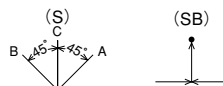
B TYPE, BH TYPE

CONTACT ARRANGEMENT DIAGRAM INDEX

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CONTACT ARRANGEMENT DIAGRAM

■Automatic return (S, SB)



●2 contacts (1 unit)

Type (automatic return)	S1001	S1002	S1003	S1004	S1005	S1006	S1007
Detail	S1-1B1A	S1-2B	S1-2A	S1-1C1A	S1-2BA	S1-1M1N	S1-1M1B
Contact arrangement							
Type (pulling)	SB1001	SB1002	SB1003	SB1004	SB1005	SB1006	SB1007
Type (automatic return)	S1008	S1009	S1010	S1101	S1102	S1103	
Detail	S1-1N1A	S1-1N1B	S1-2N	S1-1A1B	S1-1A1N	S1-1B1M	
Contact arrangement							
Type (pulling)	SB1008	SB1009	SB1010	SB1101	SB1102	SB1103	

●4 contacts (2 units)

Type (automatic return)	S2001	S2002	S2003	S2004	S2005	S2006	S2007
Detail	S2-2B2A	S2-4A	S2-1B2C1A	S2-1B1C2A	S2-1M1N1B1A	S2-1M1N2A	S2-2N1B1A
Contact arrangement							
Type (pulling)	SB2001	SB2002	SB2003	SB2004	SB2005	SB2006	SB2007
Type (automatic return)	S2008	S2009	S2010	S2011	S2012	S2101	—
Detail	S2-2N2A	S2-2M2N	S2-1N1B1C1A	S2-1N1B2A	S2-1N3A	S2-2A2B	SB2-1N1B2A
Contact arrangement							
Type (pulling)	SB2008	SB2009	SB2010	SB2011	SB2012	—	SB2101
Type (automatic return)	S2102	—	S2103	S2104	S2105	S2106	S2107
Detail	S2-2A2N	SB2-2(1A1B)	S2-2A2C	S2-2(1A1B)	S2-1A1N1B1A	S2-1A1B1N1M	S2-2(1A1N)
Contact arrangement							
Type (pulling)	—	SB2102	SB2103	SB2104	SB2105	SB2106	SB2107
Type (automatic return)	S2108	S2109	S2110	S2111	S2120	—	
Detail	S2-1A1B1C1BA	S2-1A1B1A1N	S2-1A3B	SB2-2(1B1A)	S2-1B1A1N	SBL2-2L1A1B	
Contact arrangement							
Type (pulling)	SB2108	SB2109	SB2110	SB2111	SB2120	SBL2212	

CONTACT ARRANGEMENT DIAGRAM

●6 contacts (3 units)

Type (automatic return)	S3001	S3002	S3003	S3004	S3005	S3006
Detail	S3-3B3A	S3-6A	S3-2B2C2A	S3-2B2A2BA	S3-2B4A	S3-4B2A
Contact arrangement						
Type (pulling)	SB3001	SB3002	SB3003	SB3004	SB3005	SB3006
Type (automatic return)	S3007	S3008	S3009	S3010	S3101	—
Detail	S3-2M2B2A	S3-2N2B2A	S3-2M2N1B1A	S3-2N4A	S3-3A3B	SB3-3(1A1B)
Contact arrangement						
Type (pulling)	SB3007	SB3008	SB3009	SB3010	—	SB3101
Type (automatic return)	S3104	S3104	S3104	S3104	S3104	S3104
Detail	SB3-3(1A1N)	S3-2A2B2C	SBL3-2L1M1N1B1A	SBL3-202L1A1B	SBL3-202L1A1B	SBL3-202L1A1B
Contact arrangement						
Type (pulling)	SB3102	—	SBL3202	SBL3311	—	—

●8 contacts (4 units)

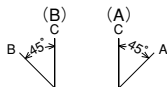
Type (automatic return)	S4001	S4002	S4003	S4004	S4005
Detail	S4-4B4A	S4-2B4C2A	S4-2M2N2B2A	S4-4N2B2A	S4-2N2B4A
Contact arrangement					
Type (pulling)	SB4001	SB4002	SB4003	SB4004	SB4005
Type (automatic return)	S4006	S4007	—	S4006	S4007
Detail	S4-2N4B2A	S4-4N4A	—	S4-2N4B2A	S4-4N4A
Contact arrangement					
Type (pulling)	SB4006	SB4007	—	SB4006	SB4007



B TYPE, BH TYPE

CONTACT ARRANGEMENT DIAGRAM

■Automatic return type (45 degree operation) (B, A)



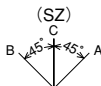
●2 contacts (1 unit)

Type	B1001	A1001	A1002
Detail	B1-2B	A1-2A	A1-1C1A
Contact arrangement			

●4 contacts (2 units)

Type	B2001	A2001
Detail	B2-4B	A2-4A
Contact arrangement		

■Automatic return type with close keep contact (SZ)



●4 contacts (2 units)

Type	SZ2001	SZ2002	SZ2003	SZ2004
Detail	SZ2-2Z1B1A	SZ2-2Y1B1A	SZ2-1Y1B	SZ2-1Z1A
Contact arrangement				

●6 contacts (3 units) ●8 contacts (4 units)

Type	SZ3001	SZ4001
Detail	SZ3-1Y1Z1M1N1B1A	SZ4-2Y2Z1M1N1B1A
Contact arrangement		

■Automatic return type and manual return type in axial direction (SQ)



●4 contacts (2 units)

Type	SQ2001	SQ2002	SQ2211	SQ2212
Detail	SQ2-2U1B1A	SQ2-2L1B1A	SQ2-2U1A1B	SQ2-2L1A1B
Contact arrangement				

●4 contacts (3 units)

Type	SQ2101
Detail	SQ2-1U1L1B1A
Contact arrangement	

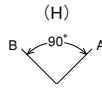
●6contacts (3 units)

Type	SQ3201	SQ3202	SQ3203	SQ3311
Detail	SQ3-2U2B2A	SQ3-2U2 (1A1B)	SQ3-2L2B2A	SQ3-2U2L1A1B
Contact arrangement				

●8 contacts (4 units)

Type	SQ4301	SQ4311
Detail	SQ4-2U2L2B2A	SQ4-2U2L2 (1A1B)
Contact arrangement		

90° 2-position changeover (H)



2 contacts (1 unit)

Type	H1001	H1002	H1003	H1004	H1005	H1006
Detail	H1-1B1A	H1-2B	H1-2A	H1-1BL1AL	H1-1B1BA	H1-1A1BA
Contact arrangement						

Type	H1101	H1102
Detail	H1-1A1B	H1-1AL1BL
Contact arrangement		

4 contacts (2 units)

Type	H2001	H2002	H2003	H2004	H2005	H2006
Detail	H2-2B2A	H2-4B	H2-4A	H2-1B3A	H2-3B1A	H2-1B1A2BA
Contact arrangement						

Type	H2008	H2009	H2101	H2102	H2103	H2104
Detail	H2-2BL2AL	H2-1B1A1BL1AL	H2-2A2B	H2-2AL2BL	H2-2 (1A1B)	H2-3A1B
Contact arrangement						

Type	H2105	H2106	H2108	H2109	H2110
Detail	H2-1A1B2A	H2-1A1B1AL1BL	H2-2 (1AL1BL)	H2-1AL1BL1A1B	H2-2 (1B1A)
Contact arrangement					

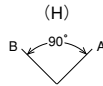
Type	H2111	H2112	H2113
Detail	H2-1A1B2BA	H2-2 (1BL1AL)	H2-1B1A2B
Contact arrangement			



B TYPE, BH TYPE

CONTACT ARRANGEMENT DIAGRAM

■90° 2-position changeover (H)



●6 contacts (3 units)

Type	H3001	H3002	H3003	H3004	H3005	H3006
Detail	H3-3B3A	H3-6B	H3-6A	H3-2A2BL2AL	H3-1B5A	H3-5B1A
Contact arrangement						
Type	H3007	H3008	H3009	H3010	H3011	H3101
Detail	H3-2B4A	H3-4B2A	H3-2B2A1BL1AL	H3-1B1A2BL2AL	H3-3BL3AL	H3-3A3B
Contact arrangement						
Type	H3102	H3103	H3104	H3105	H3106	H3107
Detail	H3-3(1A1B)	H3-3AL3BL	H3-5A1B	H3-3(1AL1BL)	H3-1A1B2AL2BL	H3-1A1B2A1B1A
Contact arrangement						
Type	H3108	H3109				
Detail	H3-4A2B	H3-3(1B1A)				
Contact arrangement						

●8 contacts (4 units)

Type	H4001	H4002	H4003	H4004	H4005	H4006
Detail	H4-4B4A	H4-8B	H4-8A	H4-3B3A1BL1AL	H4-2B6A	H4-6B2A
Contact arrangement						
Type	H4007	H4008	H4101	H4102	H4103	H4104
Detail	H4-4BL4AL	H4-3BA2B2A1B	H4-4(1A1B)	H4-4A4B	H4-4AL4BL	H4-2A2B2AL2BL
Contact arrangement						

●8 contacts (4 units)

Type	H4105	H4106	H4107
Detail	H4-2AL2BL2A2B	H4-4(1AL1BL)	H4-4(1B1A)
Contact arrangement			

●10 contacts (5 units)

Type	H5001	H5003	H5005	H5101	H5102
Detail	H5-5B5A	H5-10A	H5-2B8A	H5-5(1A1B)	H5-5A5B
Contact arrangement					

Type	H5103	H5104	H5105	H5106	H5107
Detail	H5-1A1B4(1AL1BL)	H5-3AL3BL2AL2BL	H5-5(1B1A)	H5-5(1AL1BL)	H5-2A8B
Contact arrangement					

●12 contacts (6 units)

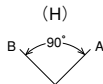
Type	H6001	H6002	H6003	H6004	H6005	H6006
Detail	H6-6B6A	H6-12B	H6-12A	H6-2B10A	H6-4B8A	H6-8B4A
Contact arrangement						



B TYPE, BH TYPE

CONTACT ARRANGEMENT DIAGRAM

■90° 2-position changeover (H)



●12 contacts (6 units)

●14 contacts (7 units)

Type	H6101	H6102	H6103	H6105	H6106	H7003
Detail	H6-6 (1A1B)	H6-6A6B	H6-10A2B	H6-4A8B	H6-6 (1B1A)	H7-14A
Contact arrangement						

●16 contacts (8 units)

Type	H8001	H8002	H8003	H8005	H8006	H8007
Detail	H8-8B8A	H8-6B10A	H8-4B12A	H8-16A	H8-7B9A	H8-8 (1B1A)
Contact arrangement						

Type	H8101	H8102	H8103	H8104	H8105	H8106
Detail	H8-8 (1A1B)	H8-8A8B	H8-1B15A	H8-2B14A	H8-10A6B	H8-14A2B
Contact arrangement						

●16 contacts (8 units)

Type	H8107	H8108
Detail	H8-3B13A	H8-8BL8AL
Contact arrangement		

●18 contacts (9 units)

Type	H9001	H9101	H9102	H9103
Detail	H9-9B9A	H9-1B17A	H9-2B16A	H9-3B15A
Contact arrangement				

●20 contacts (10 units)

Type	H10003	H10101	H10102	H10103	H10104
Detail	H10-20A	H10-10 (1A1B)	H10-18A2B	H10-16A4B	H10-14A6B
Contact arrangement					

(H)

A diagram of a right-angled triangle. The top vertex is labeled with a 90° angle. The two base vertices are labeled 'A' on the right and 'B' on the left. The triangle is formed by three line segments connecting these vertices.

Type	H10105	H10106	H10110	H10120
Detail	H10-12A8B	H10-10A10B	H10-10(1B1A)	H10-6BL4B4L4A1B1A
Contact arrangement	Diagram showing contact arrangement for H10105. Terminal B has pins 1 through 19. Terminal A has pins 2 through 19.	Diagram showing contact arrangement for H10106. Terminal B has pins 1 through 19. Terminal A has pins 2 through 19.	Diagram showing contact arrangement for H10110. Terminal B has pins 1 through 19. Terminal A has pins 2 through 19.	Diagram showing contact arrangement for H10120. Terminal B has pins 1 through 19. Terminal A has pins 2 through 19.

Type	H12003	H12102	H12103	H12104	H12105
Detail	H12-24A	H12-12 (1A1B)	H12-22A2B	H12-20A4B	H12-18A6B
Contact arrangement					

●24 contacts (12 units)

Type	H12106	H12107	H12108	H12110	H13001
Detail	H12-16A8B	H12-14A10B	H12-12A12B	H12-12 (1B1A)	H13-18A8B
Contact arrangement					
	B A	B A	B A	B A	B A

●28 contacts (14 units)

Type	H14101	H14102
Detail	H14-14 (1A1B)	H14-14 (1B1A)
Contact arrangement		
	B A	B A

●30 contacts (15 units)

Type	H15110
Detail	H15-15 (1B1A)
Contact arrangement	
	B A

●32 contacts (16 units)

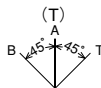
Type	H16101
Detail	H16-16 (1A1B)
Contact arrangement	
	B A



B TYPE, BH TYPE

CONTACT ARRANGEMENT DIAGRAM

■45° 3-position changeover (T)



●2 contacts (1 unit)

Type	T1001	T1002	T1003	T1004	T1005	T1006	T1007
Detail	T1-1B1T	T1-1B1A	T1-1A1T	T1-1T1AT	T1-1BA1AT	T1-1T1BT	T1-2BT
Contact arrangement							

Type	T1101	T1102	T1103
Detail	T1-1T1B	T1-1A1B	T1-1T1A
Contact arrangement			

●4 contacts (2 units)

Type	T2001	T2002	T2003	T2004	T2005	T2006
Detail	T2-2B2T	T2-2B2A	T2-2A2T	T2-1B2A1T	T2-2B1A1T	T2-1B1A2T
Contact arrangement						

Type	T2007	T2008	T2009	T2010	T2011	T2012
Detail	T2-2B2AT	T2-2T2AT	T2-1B1A1T1BA	T2-1B1A1T1AT	T2-1B1T1BA1AT	T2-2T1BA1AT
Contact arrangement						

Type	T2013	T2014	T2015	T2016	T2017	T2018
Detail	T2-1B2T1AT	T2-1B1A1T1BT	T2-1B1T2BT	T2-2BA2AT	T2-2A1B1L1TL	T2-1B1B1A1L1ATL1TL
Contact arrangement						

●4 contacts (2 units)

Type	T2019	T2101	T2102	T2103	T2104	T2105
Detail	T2-1BAL1ATL1TL1BL	T2-2 (1T1B)	T2-2AL1TL1BL	T2-2T2A	T2-2T2B	T2-2 (1T1A)
Contact arrangement						
Type	T2106	T2107	T2108	T2109	T2110	T2111
Detail	T2-2 (1B1T)	T2-1T1A1T1AT	T2-1T1A2AT	T2-1T1A2B	T2-1T1A1AT1B	T2-1T1AT1B1BA
Contact arrangement						
Type	T2112	T2114	T2115	T2116	T2117	T2118
Detail	T2-1T1B1AT1BA	T2-1T1A1AT1T	T2-1T1A1AT1BA	T2-2 (1AT1BA)	T2-1T1A1B1T	T2-1T1B2A
Contact arrangement						
Type	T2119	T2120	T2121	T2122	T2123	T2124
Detail	T2-1T1A1B1A	T2-1T1B1AT1B	T2-2T1A1B	T2-1ATL1BAL1BL1TL	T2-1T1A1B1BA	T2-2A1T1B
Contact arrangement						
Type	T2125	T2126	T2127	T2128	T2129	
Detail	T2-1T2A1B	T2-1BAL1BL1TL1ATL	T2-1B1A1T1A	T2-1TL1AL1BL1TL	T2-1T3B	
Contact arrangement						

●6 contacts (3 units)

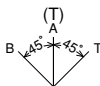
Type	T3001	T3002	T3003	T3004	T3005	T3006
Detail	T3-3B3T	T3-2B2A2T	T3-3B3A	T3-3A3T	T3-2B4T	T3-2B2T2BT
Contact arrangement						



B TYPE, BH TYPE

CONTACT ARRANGEMENT DIAGRAM

■45° 3-position changeover (T)



●6 contacts (3 units)

Type	T3007	T3008	T3009	T3010	T3011	T3012
Detail	T3-2B1A1T1BA1AT	T3-1B1A2T1BA1AT	T3-3T3AT	T3-2T2BA2AT	T3-2BL2AL2TL	T3-2(1B1T)1B1A
Contact arrangement						

●8 contacts (4 units)

Type	T4001	T4002	T4003	T4004	T4005	T4006	T4007
Detail	T4-4B4T	T4-4A4T	T4-2B2A4T	T4-3B5T	T4-3B3T2BT	T4-2B2T2BA2AT	
Contact arrangement							
Type	T4008	T4009	T4010	T4011	T4101	T4102	T4103
Detail	T4-2B2A2T1B1T	T4-2B2T4A	T4-2(1B1A1T)2A	T4-2B3A3T	T4-4T4B	T4-2T2A1AT1BA1A1B	T4-2T2A1BA1AT1T1A
Contact arrangement							

●8 contacts (4 units)

Type	T4104	T4105	T4106	T4107	T4108	T4109	T4110
Detail		T4-2T6B	T4-1T1B6BT	T4-1B1T6BT	T4-2T2A2B1A1T1BA	T4-6AT1A1T	T4-2 (1B1A1T)1BT1T
Contact arrangement							

●10 contacts (5 units)

Type	T5001	T5004	T5005	T5006	T5101	T5102	T5103
Detail	T5-5B5T	T5-6B4T	T5-4 (1B1T) 1B1A	T5-2B4A4T	T5-3 (1B1A1T)	T5-3 (1T1A1B)	T5-3 (1TL1AL1BL)
Contact arrangement							

●10 contacts (5 units)

Type	T5104
Detail	T5-1T1B8BT
Contact arrangement	

●12 contacts (6 units)

Type	T6001	T6101	T6102	T6103
Detail	T6-6B6T	T6-4 (1B1A1T)	T6-4 (1T1A1B)	T6-8AT2A2T
Contact arrangement				

●14 contacts (7 units)

Type	T7122
Detail	T7-10AT2A2T
Contact arrangement	

●16 contacts (8 units)

Type	T8101
Detail	T8-5 (1B1A1T)
Contact arrangement	

●18 contacts (9 units)

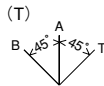
Type	T9102	T9103
Detail	T9-6T6A6B	T9-10AT4A4T
Contact arrangement		



B TYPE, BH TYPE

CONTACT ARRANGEMENT DIAGRAM

■45° 3-position changeover (T)



●20 contacts (10 units)

Type	T10101
Detail	T10-16AT2A2T
Contact arrangement	

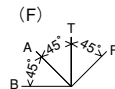
●24 contacts (12 units)

Type	T12001	T12101
Detail	T12-8B8A8T	T12-2(3B3A3T)2B2A2T
Contact arrangement		

●28 contacts (14 units)

Type	T14102
Detail	T14-24AT2A2T
Contact arrangement	

■45° 4-position changeover (F)



●4 contacts (2 units)

Type	F2001	F2002	F2003	F2004	F2101	F2102
Detail	F2-1B1A1T1F	F2-1B1F1TF1ATF	F2-1A1F1TF1ATF	F2-1TF1ATF1F1BATF	F2-1B1F1A1F	F2-2A1T1F
Contact arrangement						

●6 contacts (3 units)

Type	F3001	F3002	F3003	F3004	F3101	F3102
Detail	F3-2A2T2F	F3-1B1A1T1F1TF1ATF	F3-1B2F1BAT1TF1ATF	F3-1T1F1BF2AT1TF	F3-2(1F1B)2T	F3-2A2T1BAT1FL
Contact arrangement						

Type	F3103	F3104	F3110
Detail	F3-1B1A1T1F1T1F		
Contact arrangement			

●8 contacts (4 units)

Type	F4001	F4101
Detail	F4-2B2A2T2F	F4-2(1B1A1T1F)
Contact arrangement		

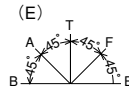
●10 contacts (5 units)

Type	F5101
Detail	F5-1B1F1T1F1BAT1F1A1B1F
Contact arrangement	

●12 contacts (6 units)

Type	F6101
Detail	F6-1B1F1T1F1BAT1F1A2(1B1F)
Contact arrangement	

■45° 5-position changeover (E)



●4 contacts (2 units)

Type	E2001	E2101	E2102
Detail	E2-1B1E1A1F		E2-1A1F1AT1F
Contact arrangement			

●6 contacts (3 units)

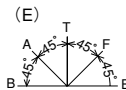
Type	E3001	E3002	E3003	E3004
Detail	E3-1B1E1A1F2T	E3-1A1F1BA1E1FE1B	E3-1B1E2(1A1F)	E3-1T1A1F1T1B1E
Contact arrangement				
Type	E3101	E3102	E3103	
Detail		E3-1F1T1A1ATF	E3-2A2T2F	
Contact arrangement				



B TYPE, BH TYPE

CONTACT ARRANGEMENT DIAGRAM

■45° 5-position changeover (E)



●8 contacts (4 units)

Type	E4001	E4002	E4003	E4101
Detail	E4-2 (1B1E) 2A2F	E4-1B1E1A1F2 (1BA1FE)	E4-1B1E1A1F4T	
Contact arrangement				

●10 contacts (5 units)

Type	E5001	E5101
Detail	E5-2 (1B1E) 2 (1A1F) 2T	E5-2 (1B1E) 2A2T2F
Contact arrangement		

●12 contacts (6 units)

Type	E6101
Detail	E6-2A2T1BAT1E2F1BAT1E1BAT1F1FE
Contact arrangement	

●14 contacts (7 units)

Type	E7101
Detail	E7-1AF1BE5 (1BA1FE)
Contact arrangement	

●16 contacts (8 units)

Type	E8101
Detail	E8-1AF1BE6 (1BA1FE)
Contact arrangement	

●24 contacts (12 units)

Type	E12102
Detail	E12-8 (1FE1BA) 2BE3 (1E1B)
Contact arrangement	

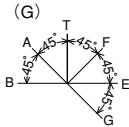
●30 contacts (15 units)

Type	E15101
Detail	E15-14 (1FE1BA) 2BE
Contact arrangement	

●32 contacts (16 units)

Type	E16101	E16102
Detail	E16-15 (1FE1BA) 2BE	E16-14 (1FE1BA) 1E1B2BE
Contact arrangement		

■45° 6-position changeover (G)



●6 contacts (3 units)

Type	G3101	G3102
Detail	G3-1B1E1A1G1T1F	G3-1B1E1A1G1F
Contact arrangement		