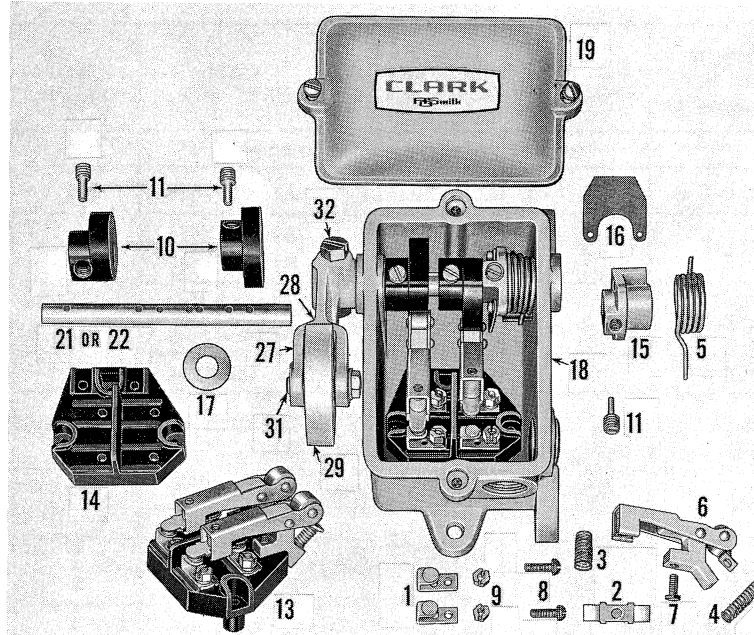




SPARE PARTS LIMIT SWITCHES

HATCHWAY— TYPE HL AND HLD

TYPES HLA-1, 2, 3 & HLLA-1, 2, 3 WEATHER-PROOF, DUST-TIGHT AND WATER-TIGHT ENCLOSURES
TYPES HLD-1, 2, 3, 4 WEATHER-PROOF ENCLOSURE; TYPES HLD-5, 6, 7, 8 DUST-TIGHT ENCLOSURE
TYPES HLD-9, 10, 11, 12, 44, 45 WATER-TIGHT ENCLOSURE



R 2754

ITEM	DESCRIPTION	NO. REQ'D.	PART NUMBERS			
			TYPES HLA AND HLLA		TYPE HLD	
			Weatherproof & Dust-Tight Enclosure	Water-Tight Enclosure	Weatherproof & Dust-Tight Enclosure	Water-Tight Enclosure
1	① Stationary Contact, Assembled	4②	A102-41257A	A102-41257A	A102-41257A	A102-41257A
2	① Movable Contact Bar, Assembled	2②	A101-28965A	A101-28965A	A101-28965A	A101-28965A
3	① Movable Contact Spring—See Note ④	2②	A101-34114	A101-34114	A101-34114	A101-34114
4	① Contact Arm Spring	2②	T45-151	T45-151	T45-151	T45-151
5	① Spring (Operating)	1	A101-62988	A101-62988	A101-62988	A101-62988
6	① Contact Arm, Assembled	2②	A102-77222A	A102-77222A	A102-77222A	A102-77222A
7	R.H. Steel Pre-assembled Screw and Lockwasher (for arm), 10-24 x 3/4"	2②	T124-11	T124-11	T124-11	T124-11
8	R.H. Steel Pre-assembled Screw and Lockwasher (for sta. cont.) 10-32 x 3/4"	4②	T127-4	T127-4	T127-4	T127-4
9	Slotted Nut	4②	A73-46228	A73-46228	A73-46228	A73-46228
10	Cam	2②	A102-52625	A102-52625	(See Page 2)	(See Page 2)
11	Cam Screw	3②	A102-52858	A102-52858	A102-52858	A102-52858
12	③ Contact Base, Assembled (1 Pole)	1	A102-41256A	A102-41256A	A102-41256A	A102-41256A
13	Contact Base, Assembled (2 Pole)	1②	A102-41255A	A102-41255A	A102-41255A	A102-41255A
14	Contact Base only	1②	A102-41258	A102-41258	A102-41258	A102-41258
15	Spring Arm	1	A102-41262	A102-41262	A102-41262	A102-41262
16	Insulator	1	A102-41264	A102-41264	A102-41264	A102-41264
17	Spring Washer	1	A102-54633	A102-54633	A102-54633	A102-54633
18	③ Box Assembled (1 or 2 Pole)	1	A102-41253A	A102-54636A	A102-277618A	A102-277619A
18	③ Box Assembled (4 Pole)	1		A102-62979A		A102-62979A
19	Cover with Pre-assembled Screws (1 or 2 Pole)	1	A102-41854A	B102-81319	A102-41254A	A102-41254A
19	Cover (4 Pole)	1		B101-62981		B101-62981
20	③ Cover Gasket (1 or 2 Pole)	1	A102-81320⑦	A102-81320	A102-81320⑦	A102-81320
20	③ Cover Gasket (4 Pole)	1		A101-62992		A101-62992
21	③ Shaft, 5/8" long (1 or 2 Pole)	1	A102-41260		A102-41260	
22	③ Shaft, 5/8" long (1 or 2 Pole)	1		A102-53536		A102-53536
22	③ Shaft, 9/16" long, (4 Pole)	1		A102-62962		A102-280068
23	③ Shaft Gasket (for lever side)	1		A102-48455		A102-48455
24	③ Shaft Gasket Washer (for lever side)	1		A102-48456		A102-48456
25	③ Shaft Sealing Ring (opposite lever side)	1		A102-58088		A102-58088
26	③ Shaft Cap (opposite lever side)	1		A102-58089		A102-58089
27	Lever and Roller Assembled (Includes items 27, 28, 29, 30)	1				
28	③ Lever	1	A102-282767A	A102-282767A	A102-282767A	A102-282767A
29	Roller, Standard Cast Iron	1	A102-41276	A102-41276	A102-41276	A102-41276
30	Roller, Textolite	1	A102-127784	A102-127784	A102-127784A	A102-127784A
31	Roller Stud	1	A102-36408	A102-36408	A102-36408	A102-36408
32	Arm Adjusting Bolt (full thread) 3/8"-16 x 1 1/2", slotted head	1	A102-41266	A102-41266	A102-41266	A102-41266
33	③ Spacer	1⑩	T161-8 T24-91	T161-8 T24-91	T161-8 T24-91	T161-8 T24-91

- ① Recommended to stock.
- ② Quantity required for 2 poles.
- ③ Assemble spring with large end away from movable bar.
- ④ Contact bar and arm spring are not included.
- ⑤ Not illustrated.
- ⑥ Box without parts.
- ⑦ Not required on weatherproof enclosures.
- ⑧ Lever without accessories.
- ⑨ Used when operating lever is omitted.

ORDERING INSTRUCTIONS
To be sure of obtaining correct parts, give the following information:
(1) Name Plate Data (2) Type and Form
(3) Part Number (4) Part Description

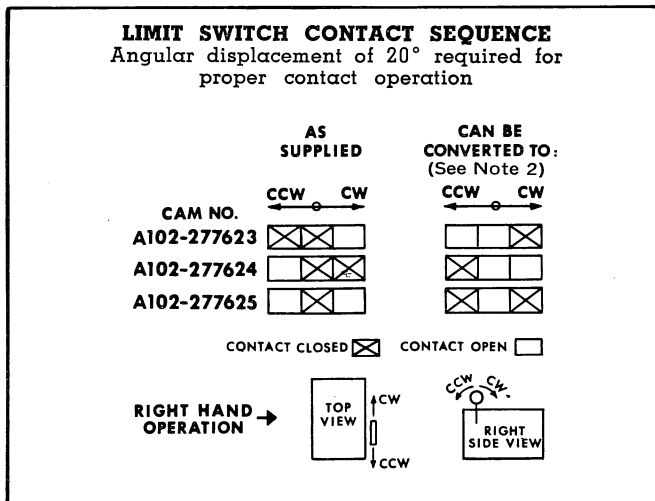




SPARE PARTS
LIMIT SWITCHES
HATCHWAY—TYPE HLD—DOUBLE ACTING

CAM PART NUMBERS (ITEM 10 IN PARTS TABLE ON REVERSE SIDE)

SWITCH CAT. NO. (See Note 1)	NO. OF POLES	CONTACT SEQUENCE CCW CW (See Note 2)	CAM PART NO.	NO. REQ'D.
WEATHER-PROOF ENCLOSURE				
HLD-1	1		A102-277625	1
HLD-2	2		A102-277625 A102-277625	2
HLD-3	2		A102-277623 A102-277624	1 1
HLD-4	2	.....	As Specified	2
DUST-TIGHT ENCLOSURE				
HLD-5	1		A102-277625	1
HLD-6	2		A102-277625 A102-277625	2
HLD-7	2		A102-277623 A102-277624	1 1
HLD-8	2	.....	As Specified	2
WATER-TIGHT ENCLOSURE				
HLD-9	1		A102-277625	1
HLD-10	2		A102-277625 A102-277625	2
HLD-11	2		A102-277623 A102-277624	1 1
HLD-12	2	.....	As Specified	2
HLD-44	4		A102-277625 A102-277623 A102-277624 A102-277625	1 1 1 1
HLD-45	4	.....	As Specified	4



- ★NOTES**
- ① All Double Acting Hatchway Limit Switches are shipped from the Factory for right hand operation. Any 1 or 2 pole switch may be converted from right hand to left hand operation, and vice versa, using the instructions provided with each switch. Four-pole switches cannot be converted from right hand to left hand operation.
 - ② Contact sequence shown is for switch as shipped from Factory. Sequence may be changed by loosening and rotating cam 180° using instructions supplied with each switch. The altered sequence for a given cam is described under Limit Switch Contact Sequence at left.