

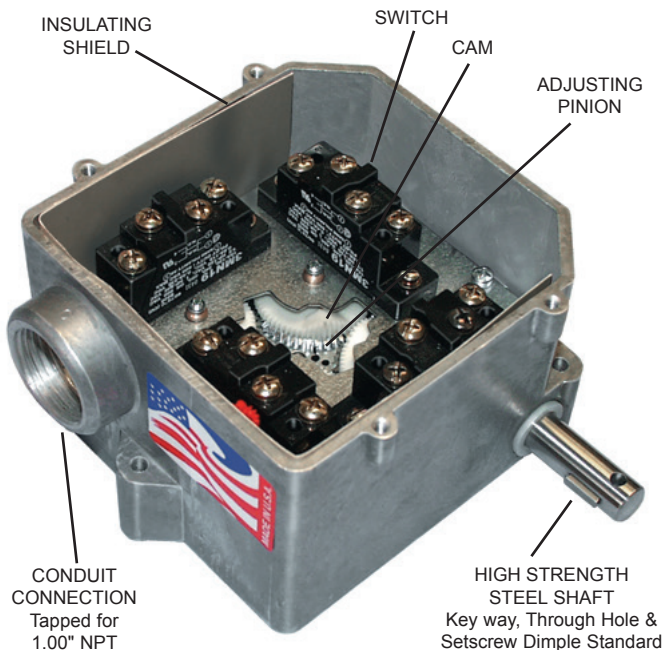
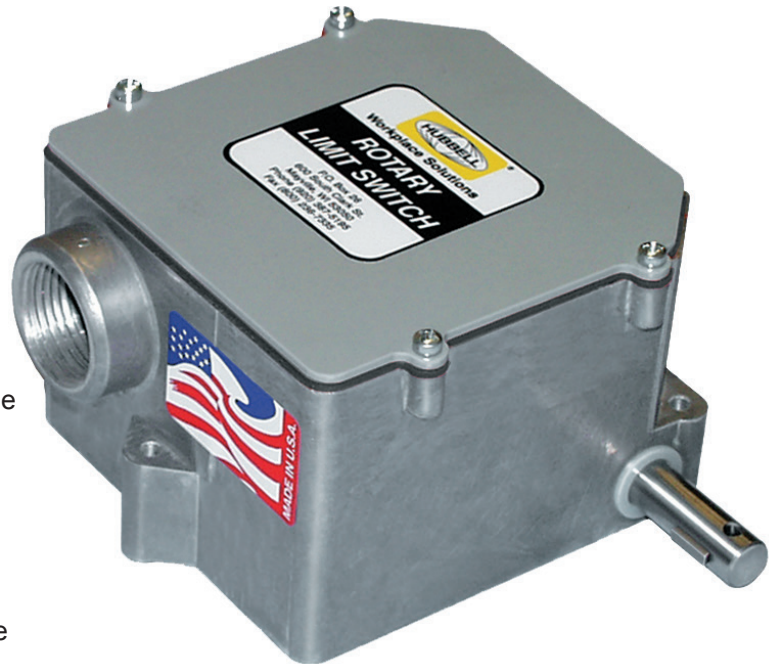
Series 55 Rotary Limit Switches

Direct replacement for HWS Series 15 and G.E. Series CR115 switches

Limit the travel of electrically operated doors, conveyors, hoists, machine tool work tables and similar devices. Equipment having rotating mechanisms, or linear motion which can be translated into rotational motion, can be controlled by these versatile switches. Available with up to four S.P.D.T. or D.P.D.T. switch blocks for control of multiple functions.

Switches Feature

- 8 gear ratios
- Right hand, Left hand or Dual shaft models (RH shown in photos)
- Two, Three or Four switches
- Mount in any position
- Easy to wire
- Rugged die cast enclosures
- NEMA 4 construction (Exceeds requirements of NEMA 1 and NEMA 12)
- High strength steel multi-use input shaft; #404 Woodruff key slot, 0.19 dia. hole and setscrew dimple
- Switch terminal screws for quick wiring
- Standard or Extended Dwell cams
- Easy, precision timing adjustment using standard screwdriver and provided tool
- Industrial grade oil-impregnated bronze bearings
- Industrial duty S.P.D.T. or D.P.D.T. snap switches are UL recognized and CSA listed



Geared Rotary Limit Switches for overtravel protection and other uses on material handling equipment, hoists, cranes, valves, compacting equipment, machine tool lead screws, packaging machinery, stage curtains, powered doors, gates and windows, etc.

Mounting and shaft location allows direct replacement of HWS Series 15 and G.E. Series CR115 switches.

Contact Block Specifications

- 15 Amp 120, 240, 480 or 600 VAC.
- 1/2 H.P. 120 VAC, 1.0 H.P. 240 VAC
- 0.8 Amp 115 VDC, 0.4 Amp 230 VDC
- Pilot Duty 600 VAC Max.

Right Hand Shaft–Four Switch Model shown

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MODELS—Series 55

Gear Ratio	Turns of Drive Shaft to Trip Contacts				Contact Blocks	Circuits		RIGHT HAND SHAFT NEMA 4	LEFT HAND SHAFT NEMA 4	DUAL SHAFT NEMA 4
	Max.	Min.	Overtravel	Reset		NO	NC	Model No.*	Model No.*	Model No.*
Standard Cams										
20.5 to 1	18	1	2.5	0.5	2 3 4	2 3 4	2 3 4	55-4E-2SP-WR-20 55-4E-3SP-WR-20 55-4E-4SP-WR-20	55-4E-2SP-WL-20 55-4E-3SP-WL-20 55-4E-4SP-WL-20	55-4E-2SP-WB-20 55-4E-3SP-WB-20 55-4E-4SP-WB-20
42.5 to 1	36.5	1	6	0.5	2 3 4	2 3 4	2 3 4	55-4E-2SP-WR-40 55-4E-3SP-WR-40 55-4E-4SP-WR-40	55-4E-2SP-WL-40 55-4E-3SP-WL-40 55-4E-4SP-WL-40	55-4E-2SP-WB-40 55-4E-3SP-WB-40 55-4E-4SP-WB-40
80 to 1	68	1.5	12	0.75	2 3 4	2 3 4	2 3 4	55-4E-2SP-WR-80 55-4E-3SP-WR-80 55-4E-4SP-WR-80	55-4E-2SP-WL-80 55-4E-3SP-WL-80 55-4E-4SP-WL-80	55-4E-2SP-WB-80 55-4E-3SP-WB-80 55-4E-4SP-WB-80
111 to 1	97	2	14	1.25	2 3 4	2 3 4	2 3 4	55-4E-2SP-WR-111 55-4E-3SP-WR-111 55-4E-4SP-WR-111	55-4E-2SP-WL-111 55-4E-3SP-WL-111 55-4E-4SP-WL-111	55-4E-2SP-WB-111 55-4E-3SP-WB-111 55-4E-4SP-WB-111
222 to 1	192	3	30	2.5	2 3 4	2 3 4	2 3 4	55-4E-2SP-WR-222 55-4E-3SP-WR-222 55-4E-4SP-WR-222	55-4E-2SP-WL-222 55-4E-3SP-WL-222 55-4E-4SP-WL-222	55-4E-2SP-WB-222 55-4E-3SP-WB-222 55-4E-4SP-WB-222
333 to 1	265	4	48	3.5	2 3 4	2 3 4	2 3 4	55-4E-2SP-WR-333 55-4E-3SP-WR-333 55-4E-4SP-WR-333	55-4E-2SP-WL-333 55-4E-3SP-WL-333 55-4E-4SP-WL-333	55-4E-2SP-WB-333 55-4E-3SP-WB-333 55-4E-4SP-WB-333
444 to 1	381	5	63	4.5	2 3 4	2 3 4	2 3 4	55-4E-2SP-WR-444 55-4E-3SP-WR-444 55-4E-4SP-WR-444	55-4E-2SP-WL-444 55-4E-3SP-WL-444 55-4E-4SP-WL-444	55-4E-2SP-WB-444 55-4E-3SP-WB-444 55-4E-4SP-WB-444
New! Higher Gear Ratios	640 to 1	550	8	90	7	2 3 4	2 3 4	55-4E-2SP-WR-640 55-4E-3SP-WR-640 55-4E-4SP-WR-640	55-4E-2SP-WL-640 55-4E-3SP-WL-640 55-4E-4SP-WL-640	55-4E-2SP-WB-640 55-4E-3SP-WB-640 55-4E-4SP-WB-640
	1280 to 1	1095	24	185	23.5	2 3 4	2 3 4	55-4E-2SP-WR-1280 55-4E-3SP-WR-1280 55-4E-4SP-WR-1280	55-4E-2SP-WL-1280 55-4E-3SP-WL-1280 55-4E-4SP-WL-1280	55-4E-2SP-WB-1280 55-4E-3SP-WB-1280 55-4E-4SP-WB-1280
Extended Dwell Cams										
20.5 to 1	17	1	3.25	0.25	2 3 4	2 3 4	2 3 4	55-4E-2SP-WR-20-LD 55-4E-3SP-WR-20-LD 55-4E-4SP-WR-20-LD	55-4E-2SP-WL-20-LD 55-4E-3SP-WL-20-LD 55-4E-4SP-WL-20-LD	55-4E-2SP-WB-20-LD 55-4E-3SP-WB-20-LD 55-4E-4SP-WB-20-LD
42.5 to 1	35	1.5	7.5	0.75	2 3 4	2 3 4	2 3 4	55-4E-2SP-WR-40-LD 55-4E-3SP-WR-40-LD 55-4E-4SP-WR-40-LD	55-4E-2SP-WL-40-LD 55-4E-3SP-WL-40-LD 55-4E-4SP-WL-40-LD	55-4E-2SP-WB-40-LD 55-4E-3SP-WB-40-LD 55-4E-4SP-WB-40-LD
80 to 1	66	2	14	1.25	2 3 4	2 3 4	2 3 4	55-4E-2SP-WR-80-LD 55-4E-3SP-WR-80-LD 55-4E-4SP-WR-80-LD	55-4E-2SP-WL-80-LD 55-4E-3SP-WL-80-LD 55-4E-4SP-WL-80-LD	55-4E-2SP-WB-80-LD 55-4E-3SP-WB-80-LD 55-4E-4SP-WB-80-LD
111 to 1	90	3	21	2.5	2 3 4	2 3 4	2 3 4	55-4E-2SP-WR-111-LD 55-4E-3SP-WR-111-LD 55-4E-4SP-WR-111-LD	55-4E-2SP-WL-111-LD 55-4E-3SP-WL-111-LD 55-4E-4SP-WL-111-LD	55-4E-2SP-WB-111-LD 55-4E-3SP-WB-111-LD 55-4E-4SP-WB-111-LD
222 to 1	182	4	40	4	2 3 4	2 3 4	2 3 4	55-4E-2SP-WR-222-LD 55-4E-3SP-WR-222-LD 55-4E-4SP-WR-222-LD	55-4E-2SP-WL-222-LD 55-4E-3SP-WL-222-LD 55-4E-4SP-WL-222-LD	55-4E-2SP-WB-222-LD 55-4E-3SP-WB-222-LD 55-4E-4SP-WB-222-LD

* S.P.D.T. switches shown. To order D.P.D.T. switches, substitute DP for SP in model number.

Example: Model Number 55-4E-3SP-WR-111-LD=S.P.D.T. switch. Model number 55-4E-3DP-WR-111-LD=D.P.D.T. switch.

