
Heavy Duty


Pages:	DE2-6 to DE2-7
Application:	<ul style="list-style-type: none"> Commercial and industrial. 240 Vac or 250 Vdc maximum. 30 through 1200 Amperes. Horsepower rated. Short Circuit Ratings: <ul style="list-style-type: none"> Class H, K Fuse - up to 10 K RMS Symmetrical Amperes Fault Current Class J, R, L Fuse - up to 200 K RMS Symmetrical Amperes Fault Current
Standards:	<ul style="list-style-type: none"> CSA Certified under file #'s LL-89067 and LL-97406-3.
Enclosures:	<ul style="list-style-type: none"> Types 1, 3R, 4/4X and 3R/12
Features:	<p>In addition to General Duty....</p> <ul style="list-style-type: none"> Red and black handles indicate switch position. Dual cover interlock. Terminations for copper or aluminum and for copper only.
Accessories:	<p>In addition to General Duty....</p> <ul style="list-style-type: none"> Electrical interlocks factory or field installed. Viewing Windows. Factory or field installed fuse pullers. Key interlock systems. Factory installed push buttons. Factory installed indicators of voltage presence on line/load side. Lock-off guard. Internal barrier kits. See pages DE2-22 to DE2-26 for more information regarding accessories and optional features.




Safety Switches Heavy Duty

Single Throw - Fusible
240 Vac, 250 Vdc, 2-Pole & 3-Pole

DE2 SAFETY SWITCHES

System	Amps	Fuse Type Provision	Type 1	Type 3R	Type 4/4X Stainless Steel	Type 3R/12	HP Rating ▽			
							240 Vac		250 Vdc	
							Std.		Max.	
						1Ø	3Ø	1Ø	3Ø	
2-Pole + S/N										
	30	H	CH221N	CH221NRB	-	CH221NAWK *	1.5	3	5	
	60	H	CH222N	CH222NRB	-	CH222NAWK *	3	10	10	
	100	H	CH223N	CH223NRB	-	CH223NAWK *	7.5	15	20	
	200	H	CH224N	CH224NRB	-	CH224NAWK *	15	-	40	
	400	H	CH225N	CH225NR	-	CH225NAWK	-	-	50	
	600	H	CH226N	CH226NR	-	CH226NAWK	-	-	50	
	800	L	H227N	H227NR	-	H227NAWK	50	50	50	
	1200	L	H228N	H228NR	-	H228NAWK	50	50	50	

System	Amps	Fuse Type Provision	Type 1	Type 3R	Type 4/4X Stainless Steel	Type 3R/12	HP Rating ▽				
							240 Vac		250 Vdc		
							Std.		Max.		
						1Ø	3Ø	1Ø	3Ø		
3-Pole + S/N											
	30	H	CH321N	CH321NRB	CH321NDS *	CH321NAWK *	1.5	3	3	7.5	5
	60	H	CH322N	CH322NRB	CH322NDS *	CH322NAWK *	3	7.5	10	15	10
	100	H	CH323N	CH323NRB	CH323NDS *	CH323NAWK *	7.5	15	15	30	20
	200	H	CH324N	CH324NRB	CH324NDS *	CH324NAWK *	15	25	-	60	40
	400	H	CH325N	CH325NR	CH325NDS	CH325NAWK	-	50	-	125	50
	600	H	CH326N	CH326NR	CH326NDS	CH326NAWK	-	75	-	200	50
	800	L	H327N	H327NR	-	H327NAWK	50	100	50	250	50
	1200	L	H328N	H328NR	-	H328NAWK	50	100	50	250	50

- Type 3R switches with "RB" suffix are supplied with main entry hole cut in top endwall and closing cap (BCAP) installed. Hole accepts 3/4 in. to 2 1/2 in. hubs.
- Type 3R switches with "R" suffix have a blank endwall.
- Type 3R/12 switches are suitable for Type 3R application by removing the drainscrew from bottom endwall.
- For switching DC, use any two switching poles.
- Fusible switches 240V are suitable for use as service equipment.
- For installing class J fuses:
 - Relocation of the load side fuse base assembly is required in 100-400 A, 240V switches.
 - Addition of an adapter kit H600J is required in 600A switches.
- 30-600 A 240V switches accept class R fuses as standard.
For class R fuse rejection kit information please refer to page DE2-23.

* Type 3R/12, 4/4X 30-200A are supplied with viewing window standard.

Application Information

- Dimensions are approximate only. Do not use for construction.

Application Information

▽ HP Ratings:

- Standard - using fast acting one time fuses
- Maximum - using time delay fuses
- refer to latest design series only
- Heavy Duty Switches have Quick-Make / Quick-Break operating mechanisms Load-Make / Load-Break rated.
- For information regarding accessories and optional features, see pages DE2-23 to DE2-27.
- For more information consult Schneider Electric.

• Short Circuit Current Ratings ◇

Voltage	RMS Symmetrical k Amps			
	Fuse Class			
	H	J	L	R
600 Vac	10	200	200	200

◇ Apply to AC only.

Approximate Dimensions - Type 1

Ampere Rating	Height (H) in./mm	Width (W) in./mm	W/H in./mm	Depth (D) in./mm
30	14.60/371	6.50/165	7.55/192	4.88/124
60	14.60/371	6.50/165	7.55/192	4.88/124
100	21.25/540	8.50/216	10.50/267	6.38/162
200	29.00/737	17.13/435	18.50/470	8.25/210
400 2-pole	50.25/1276	27.63/702	27.63/702	10.13/257
400 3-pole	50.25/1276	27.88/708	27.88/708	10.13/257
600	50.25/1276	27.63/702	27.63/702	10.13/257
800	69.13/1756	36.62/930	36.63/929	17.75/451
1200	69.13/1756	36.62/930	36.63/929	17.75/451

Approximate Dimensions - Type 3R

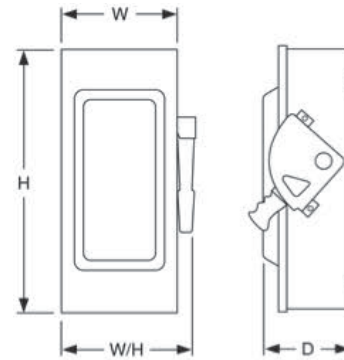
Ampere Rating	Height (H) in./mm	Width (W) in./mm	W/H in./mm	Depth (D) in./mm
30	14.88/378	6.63/168	7.55/192	4.88/124
60	14.88/378	6.63/168	7.55/192	4.88/124
100	21.25/540	8.50/216	10.50/267	6.38/162
200	29.25/743	17.25/438	18.63/473	8.50/216
400	50.31/1278	27.76/705	27.76/705	9.53/257
600	50.31/1278	27.76/705	27.76/705	9.53/257
800	69.13/1756	36.62/930	36.63/929	17.75/451
1200	69.13/1756	36.62/930	36.63/929	17.75/451

Approximate Dimensions - Type 4/4X

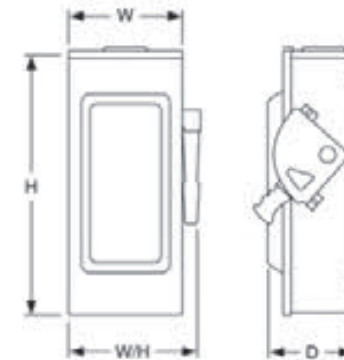
Ampere Rating	Height (H) in./mm	Width (W) in./mm	W/H in./mm	Depth (D) in./mm
30	14.93/379	7.22/183	8.67/220	5.11/130
60	14.93/379	7.22/183	8.67/220	5.11/130
100	20.82/529	9.36/238	11.25/286	6.97/177
200	29.00/737	17.75/451	19.25/489	8.88/226
400	46.25/1175	26.25/667	26.25/667	10.13/259
600	46.25/1175	26.25/667	26.25/667	10.13/259
800	-	-	-	-
1200	-	-	-	-

Approximate Dimensions - Type 3R/12

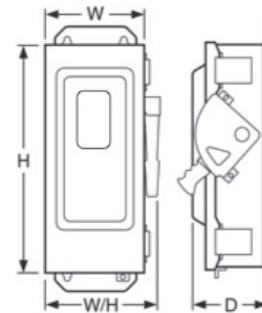
Ampere Rating	Height (H) in./mm	Width (W) in./mm	W/H in./mm	Depth (D) in./mm
30	14.60/371	6.63/168	7.55/192	4.96/126
60	14.60/371	6.63/168	7.55/192	4.96/126
100	20.50/521	9.00/229	10.50/267	7.00/178
200	29.00/737	17.25/438	18.63/473	8.75/216
400	46.25/1175	26.25/667	26.25/667	10.13/259
600	46.25/1175	26.25/667	26.25/667	10.13/259
800	69.13/1756	36.63/929	36.63/929	17.75/451
1200	69.13/1756	36.63/929	36.63/929	17.75/451



Typical 30-200 A Type 1 Enclosure



Typical 30-200 A Type 3R Enclosure



Typical 30-200 A Type 4, 4X, 5, 12 Enclosure
(Stainless has flat front)

Application Information

- Dimensions are approximate only. Do not use for construction.
- For terminal lug data refer to page DE2-26.