EnviroLine/Stainless Steel Switch

Contents

EnviroLine—Stainless Steel Switch

Application Description

Primarily for use in high moisture or corrosive environments. Applications where water is frequently used to hose down equipment. ie. food processing, farm industry, fisheries, rendering

In addition to the Type 4X standard stainless steel enclosure, the Enviroline operating mechanism, backpan and springs are all stainless, and all hardware is grade 316 stainless.

Product Description

- 30–400A
- 240V fusible
- 600V fusible and non fusible
- Type 4X stainless steel enclosure
- Interior operating mechanism, backpan and springs are stainless steel
- All hardware grade 316 stainless
- Horsepower rated
- 100% load make/break rated
- The continuous load current of fusible switches is not to exceed 80% of the rating of fuses employed in other than motor circuits. Non-fusible switches are 100% continuous duty rated
- Current carrying parts are not stainless steel

Features

- Stainless steel enclosure (304 grade)
- Stainless steel interior operating mechanism (304 grade)
- Fusible switch suitable for service entrance use when neutral installed
- Similar features as Heavy Duty design
- Visible double-break quick-make, quick-break rotary blade mechanism. Two points of contact provide a positive open and close, easier operation, and also help prevent contact burning for longer contact life
- Clear line shield protection
- Triple padlocking capability plus additional locking at the door top and bottom
- For accessories refer to page 5 and 6
- For factory modifications refer to pages 12-14.

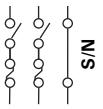
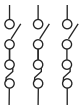
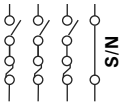
Standards and Certifications

- CSA certified File No. 69743
- Meets C22.2 No.4 standard for enclosed switches
- ISO 9001:2008

Product Selection

CDH321NWKX

240 Vac Heavy-Duty, Fusible, Single-Throw Stainless Steel Enclosure and Operating Mechanism

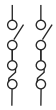
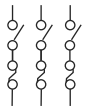
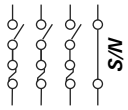
System	Ampere Rating	Fuse Class Provision	Maximum Horsepower Ratings with Time Delay Fuses AC Standard Fuse Single-Phase	Standard Fuse Three-Phase	Time Delay Single-Phase	Time Delay Three-Phase	DC 250V	Type 4X Enclosure Corrosion-Resistant, Stainless Steel Catalogue Number
Three-Wire (Two Blades, Two Fuses, S/N), 240 Vac—250 Vdc								
	30	H	1-1/2	3	3	7-1/2	5	**CDH221NWKX**
	60	H	3	7-1/2	10	15	10	**CDH222NWKX**
	100	H	7-1/2	15	15	30	20	**CDH223NWKX**
	200	H	15	25	15	60	40	**CDH224NWKX**
	400	H	—	50	—	125	50	**CDH225NWKX**
Three-Pole, 240 Vac—250 Vdc (Suitable for Service Entrance Use with a Neutral Kit Installed)								
	30	H	1-1/2	3	—	7-1/2	—	**CDH321FWKX**
	60	H	3	7-1/2	—	15	—	**CDH322FWKX**
	100	H	—	—	—	—	—	**CDH323FWKX**
	200	H	15	25	—	60	40	**CDH324FWKX**
	400	H	—	50	—	125	50	**CDH325FWKX**
Four-Wire (Three Blades, Three Fuses, S/N), 240 Vac—250 Vdc								
	30	H	—	3	—	7-1/2	—	**CDH321NWKX**
	60	H	—	7-1/2	—	15	—	**CDH322NWKX**
	100	H	—	15	—	30	20	**CDH323NWKX**
	200	H	—	25	—	60	—	**CDH324NWKX**
	400	H	—	50	—	125	50	**CDH325NWKX**

Notes

See page 30 for technical data and specifications, page 31 for dimensions, pages 5 and 6 for accessories, pages 12 to 14 for factory modifications.
For fuse adaptation refer to page 30.

CDH361UWKX

600 Vac Heavy-Duty, Fusible 277/480-600V, Single-Throw Stainless Steel Enclosure and Operating Mechanism

System	Ampere Rating	Fuse Class Provision	Maximum Horsepower Ratings with Time Delay Fuses Single-Phase AC 480V	Single-Phase AC 600V	Three-Phase AC 480V	Three-Phase AC 600V	DC 250V	DC 600V	Type 4X Enclosure Corrosion-Resistant, Stainless Steel Catalogue Number
Two-Pole, 480 Vac—600 Vac or Vdc ① (Suitable for Service Entrance Use with a Neutral Kit Installed)									
	30	H	7-1/2	10	—	—	—	15	**CDH261FWKX**
	60	H	—	—	—	—	—	25	**CDH262FWKX**
	100	H	—	—	—	—	—	25	**CDH263FWKX**
	200	H	50	50	—	—	—	50	**CDH264FWKX**
	400	H	—	—	—	—	50	—	**CDH265FWKX**
Three-Pole, 480 Vac—600 Vac, 250 Vdc (Suitable for Service Entrance Use with a Neutral Kit Installed)									
	30	H	7-1/2	10	15	20	—	—	**CDH361FWKX**
	60	H	20	25	30	50	—	—	**CDH362FWKX**
	100	H	30	30	60	75	—	—	**CDH363FWKX**
	200	H	50	50	125	150	—	—	**CDH364FWKX**
	400	H	—	—	250	350	—	—	**CDH365FWKX**
Four-Wire (Three Blades, Three Fuses, S/N) 480 Vac—600 Vac, 250 Vdc									
	30	H	7-1/2	10	20	30	—	—	**CDH361NWKX**
	60	H	20	25	50	60	—	—	**CDH362NWKX**
	100	H	40	50	75	100	—	—	**CDH363NWKX**
	200	H	50	50	125	150	—	—	**CDH364NWKX**
	400	H	—	—	250	350	—	—	**CDH365NWKX**

600 Vac Heavy-Duty, Non-Fusible, Single-Throw Stainless Steel Enclosure and Operating Mechanism

System	Ampere Rating	Maximum Horsepower Ratings Single-Phase AC 480V	Single-Phase AC 600V	Three-Phase AC 480V	Three-Phase AC 600V	DC 250V	DC 600V	Type 4X Enclosure Corrosion-Resistant, Stainless Steel Catalogue Number
Three-Pole, 480 Vac—600 Vac, 250 Vdc								
	30	7-1/2	10	20	30	5	—	**CDH361UWKX**
	60	20	25	50	60	10	—	**CDH362UWKX**
	100	40	50	75	100	20	—	**CDH363UWKX**
	200	50	50	125	150	40	—	**CDH364UWKX**
	400	—	—	250	350	50	—	**CDH365UWKX**

Notes

- DC rating for 400A switch is 250V.
- See Heavy Duty Switch page 30 for technical data and specifications, page 31 for dimensions, pages 5 and 6 for accessories, pages 12 to 14 for factory modifications.

See page 13 item 6 for optional window. For fuse adaptation refer to page 30.