

Elimia Industrial  
2610 Airport Road West  
Fort Payne, AL 35968  
855-435-4642

## **Model(s): DS40N4X-CB; DS80N4X-CB**

**Description:** UL 508 Enclosed Disconnect Switch with supplementary Circuit Breaker

**Purpose:** Provide a means to disconnect motor loads as well as general purpose loads. Utilizes a cover mounted disconnect handle to satisfy OSHA 1910.147. Provide a current limiting device to additionally protect loads in addition to primary circuit protection.

### **Specifications**

- Switch – UL 508 type, 3 pole, rated maximum voltage of 600V UL.
- Enclosure – Nema 4X rated polycarbonate enclosure with hinged door.
- Handle – Nema 4X rated polymer handle with lock out – tag out (LOTO) capabilities.
- Circuit Breaker- UL1077 MCB 208 - 480VAC, Din Rail type

### **Models**

- This specification covers all models of this design 40A and 80A.
- Specifics for each model follow the guidelines and UL rating from the disconnect switch manufacturer.
- Specifics for each model are identified by the model label on the assembly cover.
- As defined by UL 508 each model label will have a maximum motor rating.
- All models are available in enclosure size of 8x8x4 inches.
- Enclosures have no “knockouts” and must be drilled for appropriate conduit size, up to 1.5 inches.

### **Technical's**

- All Models:** CU conductors only; 3 pole; See tightening torque located on components.
- 40 Models:** 40A general purpose loads; Max Voltage 480VAC; motor loads FLA 28A; motor HP, 2HP @ 120V, 5HP @ 1ph 230V, 10HP @ 3ph 230V, 20HP @ 3ph 460V; type CU only, range 18-8 AWG. Lug torque 7 lb in. Slotted screws. Circuit breaker sizes: 3A; 5A; 10A; 15A; 20A; 25A; 30A; 32A.
- 80 Models:** 80A general purpose loads; Max Voltage 480VAC; motor loads FLA 54A; motor HP, 5HP @ 10ph 230V, 20HP @ 3ph 230V, 40HP @ 3ph 480V; cable type CU only, range 14 – 4 AWG. Lug torque 18 lb in. Slotted/Philips screws. Circuit breaker sizes: 3A; 5A; 10A; 15A; 20A; 25A; 30A; 32A; 35A; 40A; 50A; 63A.

**All models available in UL 508A certified assemblies.**