

**Class ECP55—Combination Irrigation Pump Panel—Circuit Breaker**

Motor Voltage	NEMA Size	Maximum hp	Breaker Rating	Catalog Number	Motor Voltage	NEMA Size	Maximum hp	Breaker Rating	Catalog Number
240V	1 ①	1	7	ECP5512BAC	480V	1 ①	1	3	ECP5512CAB
		3	15	ECP5512BAD			3	7	ECP5512CAC
		7-1/2	30	ECP5512BAE			5	15	ECP5512CAD
	2	10	50	ECP5522BAF		10	30	ECP5512CAE	
		15	70	ECP5522BAW		2	10	ECP5522CAE	
	3	25	100	ECP5532BAG		25	50	ECP5522CAF	
	4 ①	50	150	ECP5542BAH		3	50	100	ECP5532CAG
						4 ①	100	175	ECP5542CAN

**Overload Relays**

**Freedom Solid-State Overload Relays**

NEMA Size	Full Load Current Adjustment Range (A)	Three-Phase without Ground Fault	Three-Phase with Ground Fault
		Auto/Manual Reset Overload Selectable Class 10/20/30	Auto/Manual Reset Overload Selectable Class 10/20/30
00	0.33–1.65 ②	R63/A	R64/A
	1–5	R63/B	R64/B
	4–20	R63/C	R64/C
0 and 1	0.33–1.65 ②	R63/A	R64/A
	1–5	R63/B	R64/B
	4–20	R63/C	R64/C
	9–45	R63/D	R64/D
2	9–45	R63/D	R64/D
3	20–100	R63/E	R64/E
4	28–140	R63/F	R64/F
5	60–300 ③	R63/G	R64/G
6	120–600 ④	R63/H	R64/H

**Notes**

① Compact NEMA Size 1 or Size 4 Pump Panel, add modification code **C60**. (Example: ECN5412AAA-**C60**).

**Compact NEMA Size 1 and Size 4 Starters  
Electrical Life at Rated Continuous Current**

NEMA Size	Rated Current (Amp)	
	AC3/AC4	Operations
1C	27/150	2,500,000/40,000
1	27/153	5,000,000/110,000
4C	135/516	500,000/40,000
4	135/822	800,000/70,000

② Not UL Listed.

③ NEMA Size 5 starter available with 60–300A panel mounted CTs. Starter as an assembled unit with 1–5A C440 overload relay (C440A1A005SELAX or C440A2A005SELAX).

④ NEMA Size 6 starter available with 120–600A panel mounted CTs. Starter as an assembled unit with 1–5A C440 overload relay (C440A1A005SELAX or C440A2A005SELAX).

**Features:**

- Self powered
- Phase loss protection
- Current adjustment knob
- ±1% repeat accuracy
- 1NO and 1NC isolated contacts
- Predictive indication
- Enhanced protection and monitoring
- Communication capabilities