



# Prepackaged Starters with ATL Bypass Severe Duty 480V

## REDISTART RX2E SERIES + RX3E

NEMA 12 / COMBINATION / DUAL REDUNDANT



### RX2E Series Product Highlights:

RX2E starters provide solid state reduced voltage starting for normal operation and full voltage emergency backup starting with complete electronic motor protection at the flip of a switch. This unique dual redundant design is the ideal solution for critical applications where downtime is extremely disruptive to production operations and cannot

be tolerated. Benshaw's MX solid state controls provide precise digital starting and stopping, motor protection, metering, diagnostics and communications ... standard.

Units are stocked with MX<sup>2</sup> technology, but are also available with MX<sup>3</sup> technology.

***Rugged. Reliable. Ready.***

### Standard Features:

- ◆ NEMA 12, dual redundant, combination/circuit breaker
- ◆ Shunt trip on main circuit breaker
- ◆ 500% - 30 seconds rated solid state starter, UL certified and listed
- ◆ 1800 PIV rated SCRs, UL certified and listed
- ◆ 125% continuous duty rated solid state starter, UL certified and listed
- ◆ Selector switch for selecting solid state or full voltage operation mounted inside enclosure
- ◆ Full HP rated bypass contactor with a 1.15 service factor, wired for normal bypass operation and full voltage start and run operation, with normally open auxiliary contact.
- ◆ Separately mounted "SPE" series overload relay wired for full voltage start and run operation.
- ◆ 110 volt control power transformer with primary and secondary fuses
- ◆ Door mounted start and stop push-buttons
- ◆ Door mounted keypad
- ◆ Door mounted run indicating light
- ◆ Door mounted local-off remote switch
- ◆ Door mounted overload reset
- ◆ Terminal strip mounted inside enclosure for remote start/stop connection
- ◆ Auxiliary relay with (2) Form C run contacts
- ◆ Benshaw MX<sup>2</sup> programmable motor controller with soft start, soft stop and motor protection capabilities
- ◆ RS485 ModBus communications
- ◆ Analog I/O
- ◆ Available with MX<sup>3</sup> technology

### Guaranteed ... for three full years.

***Only Benshaw has a three year guarantee.***

Every Benshaw solid state starter is guaranteed for three full years. Other manufacturers limit their warranties to just one year. But at Benshaw, we believe that, because we build them better, we can guarantee them longer. We call that "the Benshaw Promise."



# Prepackaged Starters with ATL Bypass

## Severe Duty 480V



PREPACKAGED WITH CIRCUIT BREAKER  
EMERGENCY ACROSS-THE-LINE BYPASS / NEMA 12 / NEMA 3R

### RX2E SERIES WITH MX<sup>2</sup> TECHNOLOGY

MODEL NUMBER NEMA 12	LIST PRICE NEMA 12	MODEL NUMBER NEMA 3R*	LIST PRICE NEMA 3R	AMPS	HP	CB	DIMENSIONS (IN)			WGT (LBS)
					480V	TRIP	H	W	D	
🖱 RX2E-050-480-12KP	CF	✂ RX2E-050-480-3RKP	CF	65	50	100	48	24	13	240
🖱 RX2E-075-480-12KP	CF	✂ RX2E-075-480-3RKP	CF	96	75	225	48	24	13	245
🖱 RX2E-100-480-12KP	CF	✂ RX2E-100-480-3RKP	CF	124	100	225	48	24	17	255
🖱 RX2E-125-480-12KP	CF	✂ RX2E-125-480-3RKP	CF	156	125	225	48	36	17	355
🖱 RX2E-150-480-12KP	CF	✂ RX2E-150-480-3RKP	CF	180	150	300	48	36	17	360
🖱 RX2E-200-480-12KP	CF	✂ RX2E-200-480-3RKP	CF	240	200	400	48	36	17	370
🖱 RX2E-250-480-12KP	CF	✂ RX2E-250-480-3RKP	CF	302	250	400	70	30	18	565
🖱 RX2E-300-480-12KP	CF	✂ RX2E-300-480-3RKP	CF	361	300	600	70	30	18	570
🖱 RX2E-400-480-12KP	CF	✂ RX2E-400-480-3RKP	CF	477	400	800	87	37	20	850
🖱 RX2E-500-480-12KP	CF	✂ RX2E-500-480-3RKP	CF	590	500	1200	87	37	20	875
🖱 RX2E-600-480-12KP	CF	✂ RX2E-600-480-3RKP	CF	720	600	1200	87	37	20	905

### RX3E SERIES WITH MX<sup>3</sup> TECHNOLOGY

MODEL NUMBER NEMA 12	LIST PRICE NEMA 12	MODEL NUMBER NEMA 3R*	LIST PRICE NEMA 3R	AMPS	HP	CB	DIMENSIONS (IN)			WGT (LBS)
					480V	TRIP	H	W	D	
✂ RX3E-050-480-12KP	CF	✂ RX3E-050-480-3RKP	CF	65	50	100	48	24	13	240
✂ RX3E-075-480-12KP	CF	✂ RX3E-075-480-3RKP	CF	96	75	225	48	24	13	245
✂ RX3E-100-480-12KP	CF	✂ RX3E-100-480-3RKP	CF	124	100	225	48	24	17	255
✂ RX3E-125-480-12KP	CF	✂ RX3E-125-480-3RKP	CF	156	125	225	48	36	17	355
✂ RX3E-150-480-12KP	CF	✂ RX3E-150-480-3RKP	CF	180	150	300	48	36	17	360
✂ RX3E-200-480-12KP	CF	✂ RX3E-200-480-3RKP	CF	240	200	400	48	36	17	370
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✂ RX3E-300-480-12KP	CF	✂ RX3E-300-480-3RKP	CF	361	300	600	70	30	18	570
✂ RX3E-400-480-12KP	CF	✂ RX3E-400-480-3RKP	CF	477	400	800	87	37	20	850
✂ RX3E-500-480-12KP	CF	✂ RX3E-500-480-3RKP	CF	590	500	1200	87	37	20	875
✂ RX3E-600-480-12KP	CF	✂ RX3E-600-480-3RKP	CF	720	600	1200	87	37	20	905

- 50-600 HP units are service entrance rated.
- \* NEMA 3R units are available in 2 weeks. RX3E units are available in 2 weeks.
- \* RX2E and RX3E units include door mounted keypad.
- 🖱 Web stocked
- ✂ Built-to-order: Please allow two weeks for shipment.