



3RE47 Enclosed Soft Starter Product Selection Guide

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Soft starting from basic to the most demanding applications

Since motors play a critical role in processes, their performance must be both optimal and dependable without failure. Siemens 3RE47 enclosed soft starters help to ensure that! They help limit the starting current and torque to best fit the application. The motor is adjusted to the load of the driven machine by means of stepless control of the voltage supply. Mechanical equipment is accelerated softly which improves process performance, reduces wear and tear and extends life of equipment. Furthermore, brownouts, current spikes and other disturbances to the electrical grid are minimized.

The comprehensive range of the 3RE47 enclosed soft starters offers the appropriate smart alternative for nearly every application, from basic to the most demanding motor requirements. They are shipped ready for installation, simple to commission, flexible to integrate and built to withstand harsh environments.

3RE47 Common features and general ratings

All three performance levels of the 3RE47 family of enclosed soft starters share the common features listed below.

- Pre-engineered package ready to install and run
- 200 - 600 V operational voltage
- 24 and 120 V AC control circuit with control power transformer included
- Internal bypass contactor for minimum power loss
- Motor overload protection
- Coated printed circuit boards
- Local and remote reset
- Terminal block for field connections of control circuit
- Enclosure NEMA types 1/12, 3R/4 and 4X 316 stainless steel
- Optional oversized enclosures for extra mounting panel space
- Circuit breaker, fusible disconnect and no disconnect
- Metal disconnect handle
- Factory installed options for convenience
- Field accessories for flexibility
- Listed as Service Entrance Equipment
- High short circuit current ratings up to 100k Amps
- 40° C (104° F) ambient operating temperature
- cULus Listed



3RE470 Basic performance enclosed soft starter

The 3RE470 Basic Performance enclosed soft starter powered with the SIRIUS 3RW40 open soft starter is suitable for soft starting and stopping of three-phase asynchronous motors. The device can be used for drives with an output of between 5 and 75HP @ 480V. Optional thermistor motor protection provides full motor protection. With its modern hybrid switching technology via its integral bypass contactor, the device offers efficient switching for long-term, energy-saving use.

- Powered with SIRIUS 3RW40 open soft starter
- Up to 75HP @ 480V (600V ratings also available)
- Operational current up to 98 A
- Soft starting and stopping
- Current limiting
- Refer to page 7 for a complete list of features





3RE471 General performance enclosed soft starter

The 3RE471 General Performance enclosed soft starter powered with the SIRIUS 3RW52 open soft starter is the ideal solution for standard applications. With ideal three-phase motor control, they cover the performance range from 7.5 to 400HP @ 480V. The standard feature HMI module, plug-in communication modules (PROFINET, PROFIBUS, EtherNet/IP and Modbus) and either an analog output (standard) or thermistor motor protection (optional) ensure maximum flexibility. With its modern hybrid switching technology via its integral bypass contactor, the device offers efficient switching for long-term, energy-saving use.

- Powered with SIRIUS 3RW52 open soft starter
- Operational current up to 416 A
- Up to 400HP @ 480V (600V ratings also available)
- TIA integration optional
- Plug-in communication modules for PROFINET, PROFIBUS, EtherNet/IP and Modbus
- Standard feature HMI module (high feature HMI module optional)
- Current limiting
- Analog output
- Soft torque for reduced mechanical loading and optimum pump stop
- Parameterization using potentiometers
- Refer to page 7 for a complete list of features



3RE472 High performance enclosed soft starter

Equipped with the utmost functionality, the 3RE472 High Performance enclosed soft starter powered with the SIRIUS 3RW55 open soft starter confidently handles even difficult starting and stopping operations. Thanks to innovative torque control, the device can be used for drives with an output of between 7.5 to 1000HP @ 480V. The functions have been specially designed to offer maximum user friendliness. The high feature HMI (with color display, local interface and a slot for micro SD memory card) and plug-in communication modules (PROFINET, PROFIBUS, EtherNet/IP and Modbus) ensure maximum flexibility. With its modern hybrid switching technology via its integral bypass contactor, the device offers efficient switching for long-term, energy-saving use.

- Powered with SIRIUS 3RW55 open soft starter
- Operational current up to 1130 A
- Up to 1000HP @ 480V (600V ratings also available)
- TIA integration optional
- Plug-in communication modules for PROFINET, PROFIBUS, EtherNet/IP and Modbus
- High feature HMI module with color display, local interface and slot for a micro SD memory card
- Extended protection functions
- Automatic parameterization for simple commissioning and reliability even under changing load conditions
- Pump stop for reduced mechanical loading and optimum pump stop control
- Refer to page 7 for a complete list of features

Values of the 3RE47 enclosed soft starter

The 3RE47 provides these additional values to the customer

1. Cost savings

Internal bypass contactor, as standard, for reduced components and minimum power loss. Direct wiring from utility power lines without an intermediate disconnect due to UL rating as Service Entrance Equipment.

2. Reliability and sustained life of product

100% of soft starters undergo strict testing at the factory to ensure proper function. Electronics safeguarded against extreme environments by a protective coating. Rated for severe starting at 350% rated motor amps for 30 seconds. Enclosures strictly sized for proper heat dissipation ensuring fewer run-time disruptions and maximum life of electronic components. Fully gasketed door to help keep damaging contaminants out. Heavy-duty disconnect switch with double break switch action to reduce arcing and extend lifespan of switch.

3. Safety

High fault interrupting ratings up to 100kA at 600V. Built-in Safe Torque Off without additional components. Heavy-duty disconnect switch with visible blades and line side shield to guard personnel from contact with live parts.

4. Ease of installation and commissioning

Ideally sized enclosure to pull and terminate large power conductors and for field installing additional components. Terminal block for quick field connection minimizes installation cost and time. Streamlined installation with HMI digital display. Micro SD memory slot for quick downloading and uploading of parameter set for quick commissioning and to duplicate multiple starters. Automatic parameterization adapts to motor conditions optimizing performance and reliability.

5. Assurance and protection of equipment

Pump control for reduced water hammer as well as cleaning / deragging. 24/7 remote monitoring and control via optional communication modules for PROFINET, PROFIBUS, EtherNet/IP and Modbus protocols.

Disclaimer – The aforementioned values may not necessarily apply to every model. Please review the literature to determine which specific values apply to each model.

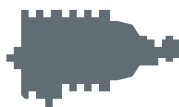
Your application in mind



Pumping



Ventilating



Compressing



Conveying



Processing

You choose the model based on your application

Applications	High Performance 3RE472	General Performance 3RE471	Basic Performance 3RE470
Normal starting (CLASS 10)			
Pumps	●	●	●
Pumps with special pump stop (to prevent water hammer)	●	○	
Heat pumps	●	●	●
Hydraulic pumps	●	●	●
Presses	●	●	●
Conveyor belts	●	●	●
Roller conveyors	●	●	●
Screw conveyors	●	●	●
Escalators	●	●	●
Piston compressors	●	●	●
Screw compressors	●	●	●
Small fans ①	●	●	●
Centrifugal blowers	●	●	●
Bow thrusters	●	●	●
Heavy starting (CLASS 20)			
Stirrers	●	○	○
Extruders	●	○	○
Lathes	●	○	○
Milling machines	●	○	○
Heavy starting (CLASS 30)			
Large fans ②	●		
Circular saws/band saws	●		
Centrifuges	●		
Mills	●		
Crushers	●		

① The mass inertia of the fan is <10 times the mass inertia of the motor.

② The mass inertia of the fan is ≥10 times the mass inertia of the motor.

● Recommended soft starters

○ Possible soft starter

Features by model

	High Performance 3RE472	General Performance 3RE471	Basic Performance 3RE470
Powered by SIRIUS open soft starter	3RW55	3RW52	3RW40
Soft starting/ramp-down	✓	✓	✓
Voltage ramp	✓	✓	✓
Pump stop (torque control)	✓	—	—
Soft Torque (torque limit)	—	✓	—
Integral bypass contact system	✓	✓	✓
Intrinsic device protection	✓	✓	✓
Motor overload protection	✓	✓	✓
Thermistor motor protection evaluation	✓	✓	✓
Analog output	✓	✓	—
Remote RESET	✓	✓	✓
Adjustable current limiting	✓	✓	✓
Breakaway pulse	✓	—	—
Automatic parameterization	✓	—	—
Pump cleaning	✓	—	—
Condition monitoring	✓	—	—
User account administration with software	✓	—	—
Creep speed in both directions of rotation	✓	—	—
Reversing duty	✓	—	—
Reversing DC braking	✓	—	—
DC braking	✓	—	—
Dynamic DC braking	✓	—	—
Motor heating	✓	—	—
Communication function (optional)	✓	✓	—
Operating measured value display (optional)	✓	✓	—
Logbooks (optional)	✓	✓	—
Statistical data and slave pointer function (optional)	✓	✓	—
Trace function with software	✓	—	—
Programmable control inputs and outputs	✓	—	—
Number of parameter sets	3	1	1
Parameterizable with software	✓	—	—
Number of controlled phases	3	3	2
Heavy starting CLASS 30	✓	—	—

✓ Function available

— Function not available

For detailed explanation of each feature, refer to the open soft starter user's manual.

Ordering information

Choose a model (performance level)

Referring to the application and feature charts on the preceding pages, select the model (performance level) of the soft starter that best suits the required application.

Though not required to select an enclosed soft starter, it is recommended to first select the model and frame size of the open soft starter (i.e. 3RW5213) via the Simulation Tool for Soft Starters (STS). By inputting specific environmental, motor, and load data, the tool can recommend the open soft starter most suited for a specific application. Further details on the STS is given on this page.

Select a product

Once the model (performance level) is chosen, select the 3RE47 enclosed starter catalog number from the selection tables associated with the performance level of the soft starter. The selection tables include reference to the open soft starter if the STS was used to determine the model (performance level).

As optional, select factory modifications from the Factory Modifications and Accessories selection tables starting on page 28.

Configure a product

Instead of manually selecting a product, it may be configured with one of the configuration tools below. From the configurator, the product may also be added to your quote or order.

Compas go to <https://www.compas.siemens-info.com/mCompas/Compas/ManageJob#/>

Industry Mall go to <https://mall.industry.siemens.com/mall/en/us/Catalog/Configurators>

Order a product without configuring it

If a catalog number is known, it may be directly entered into the [Industry Mall](#) ordering system. Simply enter the catalog number into the product search.

A catalog number with optional modification codes may also be directly entered. The following format must be used: <catalog number><-Z > <mod code 1><+mod code 2><+mod code 3>.

For example, 3RE47113NB430AA0-Z A01+F00+N01

Review technical data

Review the technical data starting on page 30 to check for constraints. Consult with the Siemens Application Engineering group componentsae.ic@siemens.com with any concerns.

Simulation Tool for Soft Starters (STS)

The Simulation Tool for Soft Starters (STS) provides a convenient means of designing soft starters using a simple, quick and easy-to-use interface.

Entering the motor and load data will simulate the application and prompts suggestions for suitable soft starters.

Link to the free download of the [Simulation Tool for Soft Starters \(STS\)](#)

- * Simple, quick and user-friendly interface
- * Detailed and up-to-date Siemens motor database, including IE3/IE4 motors
- * Simulation of heavy starting up to Class 30
- * Update-capable (e.g. motors, load types, functions)

- Fast simulations with minimum input data
- Immediate, graphical curve charts of start operations with limit values
- Table view of suitable soft starters for the application



Everything at a glance: Simulation and results list.

Nomenclature

3RE47 0 2 - 4 N A 4 3 - 0 A A 0

Performance level

- 0 = Basic performance (3RW40)
- 1 = General performance (3RW52)
- 2 = High performance (3RW55)

Operational current for normal starting (Class 10E) at 40° C Ambient to enclosure

Basic performance	General performance	High performance
24 = 11A	13 = 11.5A	13 = 11.5A
26 = 23A	14 = 15.9A	14 = 15.9A
27 = 29A	15 = 22.3A	15 = 22.3A
28 = 34A	16 = 28.4A	16 = 28.4A
36 = 42A	17 = 33.5A	17 = 33.5A
37 = 58A	24 = 41.6A	24 = 41.6A
38 = 62.1A	25 = 55.5A	25 = 55.5A
46 = 73A	26 = 68A	26 = 68A
47 = 98A	27 = 82.5A	27 = 82.5A
	34 = 101A	34 = 101A
	35 = 127A	35 = 127A
	36 = 146A	36 = 146A
	43 = 184A	43 = 184A
	44 = 220A	44 = 220A
	45 = 255A	45 = 279A
	46 = 328A	46 = 328A
	47 = 362A	47 = 416A
	48 = 416A	48 = 490A
		52 = 561A
		53 = 641A
		54 = 748A
		56 = 979A
		58 = 1130A

Enclosure type and size

- N = NEMA Type 1/12 – standard size
- P = NEMA Type 1/12 – oversized
- Q = NEMA Type 3R/4 – standard size
- R = NEMA Type 3R/4 – oversized
- L = NEMA Type 4X 316 SS – standard size
- M = NEMA Type 4X 316 SS – oversized

Disconnect type

- A = No disconnect
- B = Circuit breaker with thermal and magnetic trip
- F = Fusible disconnect switch

Operational voltage (Volts)

- 1 = 200/208 V
- 2 = 320/240 V
- 4 = 460/480 V
- 5 = 575/600 V

Control voltage

- 1 = 24 VAC (internally supplied via CPT)
- 3 = 120 VAC (internally supplied via CPT)

Line/Load cable entry

- 0 = Unspecified cable entry
- 1 = Top/Top
- 2 = Top/Bottom
- 3 = Bottom/Top
- 4 = Bottom/Bottom

Series / Generation

- 0 = 3RW40, 52 & 55

3RE470 Basic Performance

Non-combination (no disconnect device)



Ordering information

- For factory modifications and accessories, see page 28.
- For technical data, see page 30.
- For wiring diagrams, see page 33.
- For dimension diagrams, see page 39

Oversized

For oversized enclosures ①, change the 9th character of the catalog number as follows:

NEMA Type	From	To
1/12	N	P
3R/4	Q	R
4X	L	M

Class 10 Normal Starting (350% rated motor full load amps for 10 seconds)

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure			Open Soft Starter (reference only)
	200 V	230 V	460 V	575 V	Type 1/12 General purpose, dust-tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	
					Catalog Number	Catalog Number	Catalog Number	
11	3	3	7.5	10	3RE4702-4NA□□-0AA0	3RE4702-4QA□□-0AA0	3RE4702-4LA□□-0AA0	3RW4024-1BB□□
23	5	5	15	20	3RE4702-6NA□□-0AA0	3RE4702-6QA□□-0AA0	3RE4702-6LA□□-0AA0	3RW4026-1BB□□
29	7.5	7.5	20	25	3RE4702-7NA□□-0AA0	3RE4702-7QA□□-0AA0	3RE4702-7LA□□-0AA0	3RW4027-1BB□□
34	10	10	25	30	3RE4702-8NA□□-0AA0	3RE4702-8QA□□-0AA0	3RE4702-8LA□□-0AA0	3RW4028-1BB□□
42	10	15	30	40	3RE4703-6NA□□-0AA0	3RE4703-6QA□□-0AA0	3RE4703-6LA□□-0AA0	3RW4036-1BB□□
58	15	20	40	50	3RE4703-7NA□□-0AA0	3RE4703-7QA□□-0AA0	3RE4703-7LA□□-0AA0	3RW4037-1BB□□
62	20	20	40	60	3RE4703-8NA□□-0AA0	3RE4703-8QA□□-0AA0	3RE4703-8LA□□-0AA0	3RW4038-1BB□□
73	20	25	50	60	3RE4704-6NA□□-0AA0	3RE4704-6QA□□-0AA0	3RE4704-6LA□□-0AA0	3RW4046-1BB□□
98	30	30	75	75	3RE4704-7NA□□-0AA0	3RE4704-7QA□□-0AA0	3RE4704-7LA□□-0AA0	3RW4047-1BB□□
Operational voltage					200/208 V ①	1	1	1
					230/240 V ②	2	2	2
					460/480 V ④	4	4	4
					575/600 V ⑤	5	5	5
Control voltage					24 VAC ②	1	1	0
					120 VAC ②	3	3	1

Class 20 Heavy Starting (350% rated motor full load amps for 20 seconds)

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure			Open Soft Starter (reference only)
	200 V	230 V	460 V	575 V	Type 1/12 General purpose, dust tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	
					Catalog Number	Catalog Number	Catalog Number	
9	2	2	5	7.5	3RE4702-4NA□□-0AA0	3RE4702-4QA□□-0AA0	3RE4702-4LA□□-0AA0	3RW4024-1BB□□
19	5	5	10	15	3RE4702-6NA□□-0AA0	3RE4702-6QA□□-0AA0	3RE4702-6LA□□-0AA0	3RW4026-1BB□□
24	5	7.5	15	20	3RE4702-7NA□□-0AA0	3RE4702-7QA□□-0AA0	3RE4702-7LA□□-0AA0	3RW4027-1BB□□
28	7.5	10	20	25	3RE4702-8NA□□-0AA0	3RE4702-8QA□□-0AA0	3RE4702-8LA□□-0AA0	3RW4028-1BB□□
34	10	10	25	30	3RE4703-6NA□□-0AA0	3RE4703-6QA□□-0AA0	3RE4703-6LA□□-0AA0	3RW4036-1BB□□
42	10	15	30	40	3RE4703-7NA□□-0AA0	3RE4703-7QA□□-0AA0	3RE4703-7LA□□-0AA0	3RW4037-1BB□□
46	10	15	30	40	3RE4703-8NA□□-0AA0	3RE4703-8QA□□-0AA0	3RE4703-8LA□□-0AA0	3RW4038-1BB□□
58	15	20	40	50	3RE4704-6NA□□-0AA0	3RE4704-6QA□□-0AA0	3RE4704-6LA□□-0AA0	3RW4046-1BB□□
70	20	25	50	60	3RE4704-7NA□□-0AA0	3RE4704-7QA□□-0AA0	3RE4704-7LA□□-0AA0	3RW4047-1BB□□

① Oversized enclosures are required for certain factory modifications as indicated starting on page ???. Oversized enclosures may also be ordered for additional panel space to accommodate field installed components.

② Internally supplied with CPT.

3RE470 Basic Performance

Combination with circuit breaker



Ordering information

- For factory modifications and accessories, see page 28.
- For technical data, see page 30.
- For wiring diagrams, see page 33.
- For dimension diagrams, see page 39

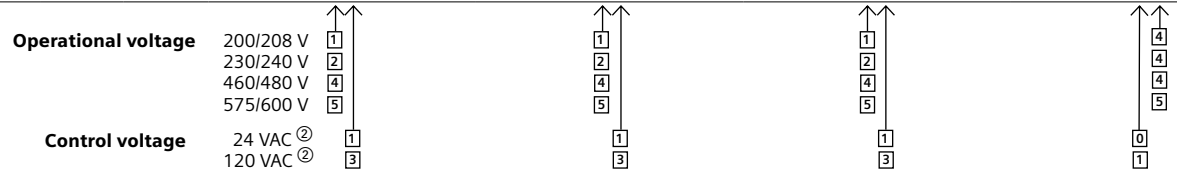
Oversized

For oversized enclosures ①, change the 9th character of the catalog number as follows:

NEMA Type	From	To
1/12	N	P
3R/4	Q	R
4X	L	M

Class 10 Normal Starting (350% rated motor full load amps for 10 seconds)

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure Type 1/12 General purpose, dust-tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	Open Soft Starter (reference only)
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number	
11	3	3	7.5	10	3RE4702-4NB□□-0AA0	3RE4702-4QB□□-0AA0	3RE4702-4LB□□-0AA0	3RW4024-1BB□□
23	5	5	15	20	3RE4702-6NB□□-0AA0	3RE4702-6QB□□-0AA0	3RE4702-6LB□□-0AA0	3RW4026-1BB□□
29	7.5	7.5	20	25	3RE4702-7NB□□-0AA0	3RE4702-7QB□□-0AA0	3RE4702-7LB□□-0AA0	3RW4027-1BB□□
34	10	10	25	30	3RE4702-8NB□□-0AA0	3RE4702-8QB□□-0AA0	3RE4702-8LB□□-0AA0	3RW4028-1BB□□
42	10	15	30	40	3RE4703-6NB□□-0AA0	3RE4703-6QB□□-0AA0	3RE4703-6LB□□-0AA0	3RW4036-1BB□□
58	15	20	40	50	3RE4703-7NB□□-0AA0	3RE4703-7QB□□-0AA0	3RE4703-7LB□□-0AA0	3RW4037-1BB□□
62	20	20	40	60	3RE4703-8NB□□-0AA0	3RE4703-8QB□□-0AA0	3RE4703-8LB□□-0AA0	3RW4038-1BB□□
73	20	25	50	60	3RE4704-6NB□□-0AA0	3RE4704-6QB□□-0AA0	3RE4704-6LB□□-0AA0	3RW4046-1BB□□
98	30	30	75	75	3RE4704-7NB□□-0AA0	3RE4704-7QB□□-0AA0	3RE4704-7LB□□-0AA0	3RW4047-1BB□□



Class 20 Heavy Starting (350% rated motor full load amps for 20 seconds)

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure Type 1/12 General purpose, dust-tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	Open Soft Starter (reference only)
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number	
9	2	2	5	7.5	3RE4702-4NB□□-0AA0	3RE4702-4QB□□-0AA0	3RE4702-4LB□□-0AA0	3RW4024-1BB□□
19	5	5	10	15	3RE4702-6NB□□-0AA0	3RE4702-6QB□□-0AA0	3RE4702-6LB□□-0AA0	3RW4026-1BB□□
24	5	7.5	15	20	3RE4702-7NB□□-0AA0	3RE4702-7QB□□-0AA0	3RE4702-7LB□□-0AA0	3RW4027-1BB□□
28	7.5	10	20	25	3RE4702-8NB□□-0AA0	3RE4702-8QB□□-0AA0	3RE4702-8LB□□-0AA0	3RW4028-1BB□□
34	10	10	25	30	3RE4703-6NB□□-0AA0	3RE4703-6QB□□-0AA0	3RE4703-6LB□□-0AA0	3RW4036-1BB□□
42	10	15	30	40	3RE4703-7NB□□-0AA0	3RE4703-7QB□□-0AA0	3RE4703-7LB□□-0AA0	3RW4037-1BB□□
46	10	15	30	40	3RE4703-8NB□□-0AA0	3RE4703-8QB□□-0AA0	3RE4703-8LB□□-0AA0	3RW4038-1BB□□
58	15	20	40	50	3RE4704-6NB□□-0AA0	3RE4704-6QB□□-0AA0	3RE4704-6LB□□-0AA0	3RW4046-1BB□□
70	20	25	50	60	3RE4704-7NB□□-0AA0	3RE4704-7QB□□-0AA0	3RE4704-7LB□□-0AA0	3RW4047-1BB□□

① Oversized enclosures are required for certain factory modifications as indicated starting on page ???. Oversized enclosures may also be ordered for additional panel space to accommodate field installed components.

② Internally supplied with CPT.

3RE470 Basic Performance

Combination with fusible disconnect



Ordering information

- For factory modifications and accessories, see page 28.
- For technical data, see page 30.
- For wiring diagrams, see page 33.
- For dimension diagrams, see page 39

Oversized

For oversized enclosures ①, change the 9th character of the catalog number as follows:

NEMA Type	From	To
1/12	N	P
3R/4	Q	R
4X	L	M

Class 10 Normal Starting (350% rated motor full load amps for 10 seconds)

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure			Open Soft Starter (reference only)
					Type 1/12	Type 3R/4	Type 4X 316 Stainless Steel	
	200 V	230 V	460 V	575 V	General purpose, dust-tight Indoor only	Weatherproof, watertight, dust-tight	Watertight, dust-tight corrosion resistant	
					Catalog Number	Catalog Number	Catalog Number	
11	3	3	7.5	10	3RE4702-4NF□□-0AA0	3RE4702-4QF□□-0AA0	3RE4702-4LF□□-0AA0	3RW4024-1BB□□
23	5	5	15	20	3RE4702-6NF□□-0AA0	3RE4702-6QF□□-0AA0	3RE4702-6LF□□-0AA0	3RW4026-1BB□□
29	7.5	7.5	20	25	3RE4702-7NF□□-0AA0	3RE4702-7QF□□-0AA0	3RE4702-7LF□□-0AA0	3RW4027-1BB□□
34	10	10	25	30	3RE4702-8NF□□-0AA0	3RE4702-8QF□□-0AA0	3RE4702-8LF□□-0AA0	3RW4028-1BB□□
42	10	15	30	40	3RE4703-6NF□□-0AA0	3RE4703-6QF□□-0AA0	3RE4703-6LF□□-0AA0	3RW4036-1BB□□
58	15	20	40	50	3RE4703-7NF□□-0AA0	3RE4703-7QF□□-0AA0	3RE4703-7LF□□-0AA0	3RW4037-1BB□□
62	20	20	40	60	3RE4703-8NF□□-0AA0	3RE4703-8QF□□-0AA0	3RE4703-8LF□□-0AA0	3RW4038-1BB□□
73	20	25	50	60	3RE4704-6NF□□-0AA0	3RE4704-6QF□□-0AA0	3RE4704-6LF□□-0AA0	3RW4046-1BB□□
98	30	30	75	75	3RE4704-7NF□□-0AA0	3RE4704-7QF□□-0AA0	3RE4704-7LF□□-0AA0	3RW4047-1BB□□

Operational voltage	200/208 V	1
	230/240 V	2
Control voltage	460/480 V	4
	575/600 V	5
	24 VAC ②	1
	120 VAC ②	3

Operational voltage	200/208 V	1
	230/240 V	2
Control voltage	460/480 V	4
	575/600 V	5
	24 VAC ②	1
	120 VAC ②	3

Operational voltage	200/208 V	1
	230/240 V	2
Control voltage	460/480 V	4
	575/600 V	5
	24 VAC ②	1
	120 VAC ②	3

Operational voltage	200/208 V	1
	230/240 V	2
Control voltage	460/480 V	4
	575/600 V	5
	24 VAC ②	0
	120 VAC ②	1

Class 20 Heavy Starting (350% rated motor full load amps for 20 seconds)

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure			Open Soft Starter (reference only)
					Type 1	Type 3R/4	Type 4X 316 Stainless Steel	
	200 V	230 V	460 V	575 V	General purpose, dust-tight Indoor only	Weatherproof, watertight, dust-tight	Watertight, dust-tight corrosion resistant	
					Catalog Number	Catalog Number	Catalog Number	
9	2	2	5	7.5	3RE4702-4NF□□-0AA0	3RE4702-4QF□□-0AA0	3RE4702-4LF□□-0AA0	3RW4024-1BB□□
19	5	5	10	15	3RE4702-6NF□□-0AA0	3RE4702-6QF□□-0AA0	3RE4702-6LF□□-0AA0	3RW4026-1BB□□
24	5	7.5	15	20	3RE4702-7NF□□-0AA0	3RE4702-7QF□□-0AA0	3RE4702-7LF□□-0AA0	3RW4027-1BB□□
28	7.5	10	20	25	3RE4702-8NF□□-0AA0	3RE4702-8QF□□-0AA0	3RE4702-8LF□□-0AA0	3RW4028-1BB□□
34	10	10	25	30	3RE4703-6NF□□-0AA0	3RE4703-6QF□□-0AA0	3RE4703-6LF□□-0AA0	3RW4036-1BB□□
42	10	15	30	40	3RE4703-7NF□□-0AA0	3RE4703-7QF□□-0AA0	3RE4703-7LF□□-0AA0	3RW4037-1BB□□
46	10	15	30	40	3RE4703-8NF□□-0AA0	3RE4703-8QF□□-0AA0	3RE4703-8LF□□-0AA0	3RW4038-1BB□□
58	15	20	40	50	3RE4704-6NF□□-0AA0	3RE4704-6QF□□-0AA0	3RE4704-6LF□□-0AA0	3RW4046-1BB□□
70	20	25	50	60	3RE4704-7NF□□-0AA0	3RE4704-7QF□□-0AA0	3RE4704-7LF□□-0AA0	3RW4047-1BB□□

① Oversized enclosures are required for certain factory modifications as indicated starting on page ???. Oversized enclosures may also be ordered for additional panel space to accommodate field installed components.

② Internally supplied with CPT.

3RE471 General Performance

Non-combination (no disconnect device)



Ordering information

- For factory modifications and accessories, see page 28.
- For technical data, see page 30.
- For wiring diagrams, see page 33.
- For dimension diagrams, see page 39

Oversized

For oversized enclosures ①, change the 9th character of the catalog number as follows:

NEMA Type	From	To
1/12	N	P
3R/4	Q	R
4X	L	M

Class 10 Normal Starting (350% rated motor full load amps for 10 seconds)

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure Type 1/12 General purpose, dust-tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	Open Soft Starter (reference only)
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number	
11.5	2	3	7.5	10	3RE4711-3NA□□-0AA0	3RE4711-3QA□□-0AA0	3RE4711-3LA□□-0AA0	3RW5213-1AC□□
15.9	3	5	10	10	3RE4711-4NA□□-0AA0	3RE4711-4QA□□-0AA0	3RE4711-4LA□□-0AA0	3RW5214-1AC□□
22.3	5	7.5	15	20	3RE4711-5NA□□-0AA0	3RE4711-5QA□□-0AA0	3RE4711-5LA□□-0AA0	3RW5215-1AC□□
28.4	7.5	10	20	25	3RE4711-6NA□□-0AA0	3RE4711-6QA□□-0AA0	3RE4711-6LA□□-0AA0	3RW5216-1AC□□
33.5	10	10	20	30	3RE4711-7NA□□-0AA0	3RE4711-7QA□□-0AA0	3RE4711-7LA□□-0AA0	3RW5217-1AC□□
41.6	10	10	30	40	3RE4712-4NA□□-0AA0	3RE4712-4QA□□-0AA0	3RE4712-4LA□□-0AA0	3RW5224-1AC□□
55.5	15	20	40	50	3RE4712-5NA□□-0AA0	3RE4712-5QA□□-0AA0	3RE4712-5LA□□-0AA0	3RW5225-1AC□□
68	20	25	50	60	3RE4712-6NA□□-0AA0	3RE4712-6QA□□-0AA0	3RE4712-6LA□□-0AA0	3RW5226-1AC□□
82.5	25	30	60	75	3RE4712-7NA□□-0AA0	3RE4712-7QA□□-0AA0	3RE4712-7LA□□-0AA0	3RW5227-1AC□□
101	30	30	75	100	3RE4713-4NA□□-0AA0	3RE4713-4QA□□-0AA0	3RE4713-4LA□□-0AA0	3RW5234-6AC□□
127	40	40	100	125	3RE4713-5NA□□-0AA0	3RE4713-5QA□□-0AA0	3RE4713-5LA□□-0AA0	3RW5235-6AC□□
146	50	50	100	150	3RE4713-6NA□□-0AA0	3RE4713-6QA□□-0AA0	3RE4713-6LA□□-0AA0	3RW5236-6AC□□
184	60	60	150	150	3RE4714-3NA□□-0AA0	3RE4714-3QA□□-0AA0	3RE4714-3LA□□-0AA0	3RW5243-6AC□□
220	60	75	150	200	3RE4714-4NA□□-0AA0	3RE4714-4QA□□-0AA0	3RE4714-4LA□□-0AA0	3RW5244-6AC□□
255	75	100	200	250	3RE4714-5NA□□-0AA0	3RE4714-5QA□□-0AA0	3RE4714-5LA□□-0AA0	3RW5245-6AC□□
328	100	125	250	300	3RE4714-6NA□□-0AA0	3RE4714-6QA□□-0AA0	3RE4714-6LA□□-0AA0	3RW5246-6AC□□
362	150	150	350	450	3RE4714-7NA□□-0AA0	3RE4714-7QA□□-0AA0	3RE4714-7LA□□-0AA0	3RW5247-6AC□□
416	150	200	400	500	3RE4714-8NA□□-0AA0	3RE4714-8QA□□-0AA0	3RE4714-8LA□□-0AA0	3RW5248-6AC□□

Operational voltage

200/208 V
230/240 V
460/480 V
575/600 V

Control voltage

24 VAC ②
120 VAC ②

① Oversized enclosures are required for certain factory modifications as indicated starting on page ??? . Oversized enclosures may also be ordered for additional panel space to accommodate field installed components.

② Internally supplied with CPT.

3RE471 General Performance

Non-combination (no disconnect device)



Ordering information

- For factory modifications and accessories, see page 28.
- For technical data, see page 30.
- For wiring diagrams, see page 33.
- For dimension diagrams, see page 39

Oversized

For oversized enclosures ①, change the 9th character of the catalog number as follows:

NEMA Type	From	To
1/12	N	P
3R/4	Q	R
4X	L	M

Class 20 Heavy Starting (350% rated motor full load amps for 20 seconds)

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure Type 1/12 General purpose, dust-tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	Open Soft Starter (reference only)
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number	
11.5	2	3	7.5	10	3RE4711-3NA□□-0AA0	3RE4711-3QA□□-0AA0	3RE4711-3LA□□-0AA0	3RW5213-1AC□□
15.9	3	5	10	10	3RE4711-4NA□□-0AA0	3RE4711-4QA□□-0AA0	3RE4711-4LA□□-0AA0	3RW5214-1AC□□
22.3	5	7.5	15	20	3RE4711-5NA□□-0AA0	3RE4711-5QA□□-0AA0	3RE4711-5LA□□-0AA0	3RW5215-1AC□□
27.2	7.5	7.5	20	25	3RE4711-6NA□□-0AA0	3RE4711-6QA□□-0AA0	3RE4711-6LA□□-0AA0	3RW5216-1AC□□
30.5	7.5	10	20	25	3RE4711-7NA□□-0AA0	3RE4711-7QA□□-0AA0	3RE4711-7LA□□-0AA0	3RW5217-1AC□□
41.6	10	10	30	40	3RE4712-4NA□□-0AA0	3RE4712-4QA□□-0AA0	3RE4712-4LA□□-0AA0	3RW5224-1AC□□
55.5	15	20	40	50	3RE4712-5NA□□-0AA0	3RE4712-5QA□□-0AA0	3RE4712-5LA□□-0AA0	3RW5225-1AC□□
59	15	20	40	50	3RE4712-6NA□□-0AA0	3RE4712-6QA□□-0AA0	3RE4712-6LA□□-0AA0	3RW5226-1AC□□
82.5	25	30	60	75	3RE4712-7NA□□-0AA0	3RE4712-7QA□□-0AA0	3RE4712-7LA□□-0AA0	3RW5227-1AC□□
97	30	30	75	75	3RE4713-4NA□□-0AA0	3RE4713-4QA□□-0AA0	3RE4713-4LA□□-0AA0	3RW5234-6AC□□
103	30	30	75	100	3RE4713-5NA□□-0AA0	3RE4713-5QA□□-0AA0	3RE4713-5LA□□-0AA0	3RW5235-6AC□□
117	30	40	75	100	3RE4713-6NA□□-0AA0	3RE4713-6QA□□-0AA0	3RE4713-6LA□□-0AA0	3RW5236-6AC□□
146	40	50	100	150	3RE4714-3NA□□-0AA0	3RE4714-3QA□□-0AA0	3RE4714-3LA□□-0AA0	3RW5243-6AC□□
180	60	60	150	175	3RE4714-4NA□□-0AA0	3RE4714-4QA□□-0AA0	3RE4714-4LA□□-0AA0	3RW5244-6AC□□
171	50	60	125	175	3RE4714-5NA□□-0AA0	3RE4714-5QA□□-0AA0	3RE4714-5LA□□-0AA0	3RW5245-6AC□□
230	75	75	175	200	3RE4714-6NA□□-0AA0	3RE4714-6QA□□-0AA0	3RE4714-6LA□□-0AA0	3RW5246-6AC□□
236	75	75	175	200	3RE4714-7NA□□-0AA0	3RE4714-7QA□□-0AA0	3RE4714-7LA□□-0AA0	3RW5247-6AC□□
262	75	100	200	250	3RE4714-8NA□□-0AA0	3RE4714-8QA□□-0AA0	3RE4714-8LA□□-0AA0	3RW5248-6AC□□

Operational voltage

200/208 V
230/240 V
460/480 V
575/600 V

Control voltage

24 VAC ②
120 VAC ②

① Oversized enclosures are required for certain factory modifications as indicated starting on page ???. Oversized enclosures may also be ordered for additional panel space to accommodate field installed components.

② Internally supplied with CPT.

3RE471 General Performance

Combination with circuit breaker



Ordering information

- For factory modifications and accessories, see page 28.
- For technical data, see page 30.
- For wiring diagrams, see page 33.
- For dimension diagrams, see page 39

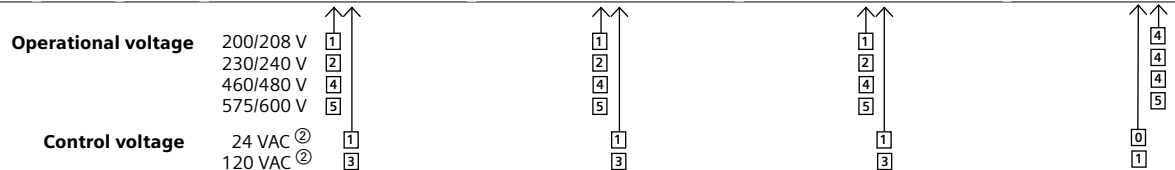
Oversized

For oversized enclosures ①, change the 9th character of the catalog number as follows:

NEMA Type	From	To
1/12	N	P
3R/4	Q	R
4X	L	M

Class 10 Normal Starting (350% rated motor full load amps for 10 seconds)

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure Type 1/12 General purpose, dust-tight indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	Open Soft Starter (reference only)
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number	
11.5	2	3	7.5	10	3RE4711-3NB□□-0AA0	3RE4711-3QB□□-0AA0	3RE4711-3LB□□-0AA0	3RW5213-1AC□□
15.9	3	5	10	10	3RE4711-4NB□□-0AA0	3RE4711-4QB□□-0AA0	3RE4711-4LB□□-0AA0	3RW5214-1AC□□
22.3	5	7.5	15	20	3RE4711-5NB□□-0AA0	3RE4711-5QB□□-0AA0	3RE4711-5LB□□-0AA0	3RW5215-1AC□□
28.4	7.5	10	20	25	3RE4711-6NB□□-0AA0	3RE4711-6QB□□-0AA0	3RE4711-6LB□□-0AA0	3RW5216-1AC□□
33.5	10	10	20	30	3RE4711-7NB□□-0AA0	3RE4711-7QB□□-0AA0	3RE4711-7LB□□-0AA0	3RW5217-1AC□□
41.6	10	10	30	40	3RE4712-4NB□□-0AA0	3RE4712-4QB□□-0AA0	3RE4712-4LB□□-0AA0	3RW5224-1AC□□
55.5	15	20	40	50	3RE4712-5NB□□-0AA0	3RE4712-5QB□□-0AA0	3RE4712-5LB□□-0AA0	3RW5225-1AC□□
68	20	25	50	60	3RE4712-6NB□□-0AA0	3RE4712-6QB□□-0AA0	3RE4712-6LB□□-0AA0	3RW5226-1AC□□
82.5	25	30	60	75	3RE4712-7NB□□-0AA0	3RE4712-7QB□□-0AA0	3RE4712-7LB□□-0AA0	3RW5227-1AC□□
101	30	30	75	100	3RE4713-4NB□□-0AA0	3RE4713-4QB□□-0AA0	3RE4713-4LB□□-0AA0	3RW5234-6AC□□
127	40	40	100	125	3RE4713-5NB□□-0AA0	3RE4713-5QB□□-0AA0	3RE4713-5LB□□-0AA0	3RW5235-6AC□□
146	50	50	100	150	3RE4713-6NB□□-0AA0	3RE4713-6QB□□-0AA0	3RE4713-6LB□□-0AA0	3RW5236-6AC□□
184	60	60	150	150	3RE4714-3NB□□-0AA0	3RE4714-3QB□□-0AA0	3RE4714-3LB□□-0AA0	3RW5243-6AC□□
220	60	75	150	200	3RE4714-4NB□□-0AA0	3RE4714-4QB□□-0AA0	3RE4714-4LB□□-0AA0	3RW5244-6AC□□
255	75	100	200	250	3RE4714-5NB□□-0AA0	3RE4714-5QB□□-0AA0	3RE4714-5LB□□-0AA0	3RW5245-6AC□□
328	100	125	250	300	3RE4714-6NB□□-0AA0	3RE4714-6QB□□-0AA0	3RE4714-6LB□□-0AA0	3RW5246-6AC□□
362	150	150	350	450	3RE4714-7NB□□-0AA0	3RE4714-7QB□□-0AA0	3RE4714-7LB□□-0AA0	3RW5247-6AC□□
416	150	200	400	500	3RE4714-8NB□□-0AA0	3RE4714-8QB□□-0AA0	3RE4714-8LB□□-0AA0	3RW5248-6AC□□



① Oversized enclosures are required for certain factory modifications as indicated starting on page ???. Oversized enclosures may also be ordered for additional panel space to accommodate field installed components.

② Internally supplied with CPT.

3RE471 General Performance

Combination with circuit breaker



Ordering information

- For factory modifications and accessories, see page 28.
- For technical data, see page 30.
- For wiring diagrams, see page 33.
- For dimension diagrams, see page 39

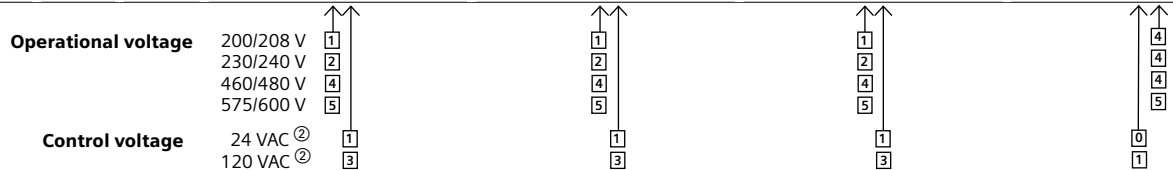
Oversized

For oversized enclosures ①, change the 9th character of the catalog number as follows:

NEMA Type	From	To
1/12	N	P
3R/4	Q	R
4X	L	M

Class 20 Heavy Starting (350% rated motor full load amps for 20 seconds)

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure			Open Soft Starter (reference only)
	200 V	230 V	460 V	575 V	Type 1/12 General purpose, dust-tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	
					Catalog Number	Catalog Number	Catalog Number	
11.5	2	3	7.5	10	3RE4711-3NB□□-0AA0	3RE4711-3QB□□-0AA0	3RE4711-3LB□□-0AA0	3RW5213-1AC□□
15.9	3	5	10	10	3RE4711-4NB□□-0AA0	3RE4711-4QB□□-0AA0	3RE4711-4LB□□-0AA0	3RW5214-1AC□□
22.3	5	7.5	15	20	3RE4711-5NB□□-0AA0	3RE4711-5QB□□-0AA0	3RE4711-5LB□□-0AA0	3RW5215-1AC□□
27.2	7.5	7.5	20	25	3RE4711-6NB□□-0AA0	3RE4711-6QB□□-0AA0	3RE4711-6LB□□-0AA0	3RW5216-1AC□□
30.5	7.5	10	20	25	3RE4711-7NB□□-0AA0	3RE4711-7QB□□-0AA0	3RE4711-7LB□□-0AA0	3RW5217-1AC□□
41.6	10	10	30	40	3RE4712-4NB□□-0AA0	3RE4712-4QB□□-0AA0	3RE4712-4LB□□-0AA0	3RW5224-1AC□□
55.5	15	20	40	50	3RE4712-5NB□□-0AA0	3RE4712-5QB□□-0AA0	3RE4712-5LB□□-0AA0	3RW5225-1AC□□
59	15	20	40	50	3RE4712-6NB□□-0AA0	3RE4712-6QB□□-0AA0	3RE4712-6LB□□-0AA0	3RW5226-1AC□□
82.5	25	30	60	75	3RE4712-7NB□□-0AA0	3RE4712-7QB□□-0AA0	3RE4712-7LB□□-0AA0	3RW5227-1AC□□
97	30	30	75	75	3RE4713-4NB□□-0AA0	3RE4713-4QB□□-0AA0	3RE4713-4LB□□-0AA0	3RW5234-6AC□□
103	30	30	75	100	3RE4713-5NB□□-0AA0	3RE4713-5QB□□-0AA0	3RE4713-5LB□□-0AA0	3RW5235-6AC□□
117	30	40	75	100	3RE4713-6NB□□-0AA0	3RE4713-6QB□□-0AA0	3RE4713-6LB□□-0AA0	3RW5236-6AC□□
146	40	50	100	150	3RE4714-3NB□□-0AA0	3RE4714-3QB□□-0AA0	3RE4714-3LB□□-0AA0	3RW5243-6AC□□
180	60	60	150	175	3RE4714-4NB□□-0AA0	3RE4714-4QB□□-0AA0	3RE4714-4LB□□-0AA0	3RW5244-6AC□□
171	50	60	125	175	3RE4714-5NB□□-0AA0	3RE4714-5QB□□-0AA0	3RE4714-5LB□□-0AA0	3RW5245-6AC□□
230	75	75	175	200	3RE4714-6NB□□-0AA0	3RE4714-6QB□□-0AA0	3RE4714-6LB□□-0AA0	3RW5246-6AC□□
236	75	75	175	200	3RE4714-7NB□□-0AA0	3RE4714-7QB□□-0AA0	3RE4714-7LB□□-0AA0	3RW5247-6AC□□
262	75	100	200	250	3RE4714-8NB□□-0AA0	3RE4714-8QB□□-0AA0	3RE4714-8LB□□-0AA0	3RW5248-6AC□□



① Oversized enclosures are required for certain factory modifications as indicated starting on page ???. Oversized enclosures may also be ordered for additional panel space to accommodate field installed components.

② Internally supplied with CPT.

3RE471 General Performance

Combination with fusible disconnect



Ordering information

- For factory modifications and accessories, see page 28.
- For technical data, see page 30.
- For wiring diagrams, see page 33.
- For dimension diagrams, see page 39

Oversized

For oversized enclosures ①, change the 9th character of the catalog number as follows:

NEMA Type	From	To
1/12	N	P
3R/4	Q	R
4X	L	M

Class 10 Normal Starting (350% rated motor full load amps for 10 seconds)

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure			Open Soft Starter (reference only)
					Type 1/12	Type 3R/4	Type 4X 316 Stainless Steel	
					General purpose, dust-tight Indoor only	Weatherproof, watertight, dust-tight	Watertight, dust-tight corrosion resistant	
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number	
11.5	2	3	7.5	10	3RE4711-3NF □□-0AA0	3RE4711-3QF □□-0AA0	3RE4711-3LF □□-0AA0	3RW5213-1AC □□
15.9	3	5	10	10	3RE4711-4NF □□0AA0	3RE4711-4QF □□-0AA0	3RE4711-4LF □□-0AA0	3RW5214-1AC □□
22.3	5	7.5	15	20	3RE4711-5NF □□-0AA0	3RE4711-5QF □□-0AA0	3RE4711-5LF □□-0AA0	3RW5215-1AC □□
28.4	7.5	10	20	25	3RE4711-6NF □□-0AA0	3RE4711-6QF □□-0AA0	3RE4711-6LF □□-0AA0	3RW5216-1AC □□
33.5	10	10	20	30	3RE4711-7NF □□-0AA0	3RE4711-7QF □□-0AA0	3RE4711-7LF □□-0AA0	3RW5217-1AC □□
41.6	10	10	30	40	3RE4712-4NF □□-0AA0	3RE4712-4QF □□-0AA0	3RE4712-4LF □□-0AA0	3RW5224-1AC □□
55.5	15	20	40	50	3RE4712-5NF □□-0AA0	3RE4712-5QF □□-0AA0	3RE4712-5LF □□-0AA0	3RW5225-1AC □□
68	20	25	50	60	3RE4712-6NF □□-0AA0	3RE4712-6QF □□-0AA0	3RE4712-6LF □□-0AA0	3RW5226-1AC □□
82.5	25	30	60	75	3RE4712-7NF □□-0AA0	3RE4712-7QF □□-0AA0	3RE4712-7LF □□-0AA0	3RW5227-1AC □□
101	30	30	75	100	3RE4713-4NF □□-0AA0	3RE4713-4QF □□-0AA0	3RE4713-4LF □□-0AA0	3RW5234-6AC □□
127	40	40	100	125	3RE4713-5NF □□-0AA0	3RE4713-5QF □□-0AA0	3RE4713-5LF □□-0AA0	3RW5235-6AC □□
146	50	50	100	150	3RE4713-6NF □□-0AA0	3RE4713-6QF □□-0AA0	3RE4713-6LF □□-0AA0	3RW5236-6AC □□
184	60	60	150	150	3RE4714-3NF □□-0AA0	3RE4714-3QF □□-0AA0	3RE4714-3LF □□-0AA0	3RW5243-6AC □□
220	60	75	150	200	3RE4714-4NF □□-0AA0	3RE4714-4QF □□-0AA0	3RE4714-4LF □□-0AA0	3RW5244-6AC □□
255	75	100	200	250	3RE4714-5NF □□-0AA0	3RE4714-5QF □□-0AA0	3RE4714-5LF □□-0AA0	3RW5245-6AC □□
328	100	125	250	300	3RE4714-6NF □□-0AA0	3RE4714-6QF □□-0AA0	3RE4714-6LF □□-0AA0	3RW5246-6AC □□
362	150	150	350	450	3RE4714-7NF □□-0AA0	3RE4714-7QF □□-0AA0	3RE4714-7LF □□-0AA0	3RW5247-6AC □□

Operational voltage	200/208 V	1
	230/240 V	2
	460/480 V	4
	575/600 V	5
Control voltage	24 VAC ②	1
	120 VAC ②	3

① Oversized enclosures are required for certain factory modifications as indicated starting on page ???. Oversized enclosures may also be ordered for additional panel space to accommodate field installed components.

② Internally supplied with CPT.

3RE471 General Performance

Combination with fusible disconnect



Ordering information

- For factory modifications and accessories, see page 28.
- For technical data, see page 30.
- For wiring diagrams, see page 33.
- For dimension diagrams, see page 39

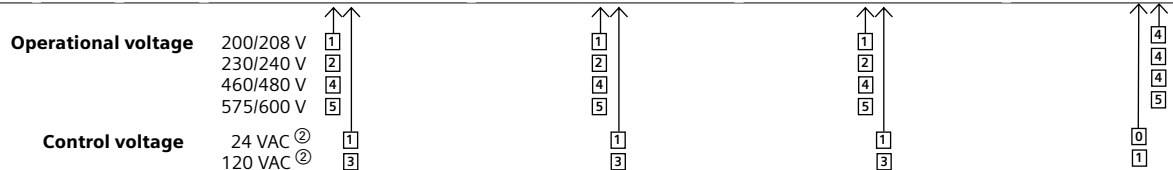
Oversized

For oversized enclosures ①, change the 9th character of the catalog number as follows:

NEMA Type	From	To
1/12	N	P
3R/4	Q	R
4X	L	M

Class 20 Heavy Starting (350% rated motor full load amps for 20 seconds)

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure Type 1/12 General purpose, dust-tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	Open Soft Starter (reference only)
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number	
11.5	2	3	7.5	10	3RE4711-3NF □□-0AA0	3RE4711-3QF □□-0AA0	3RE4711-3LF □□-0AA0	3RW5213-1AC □□
15.9	3	5	10	10	3RE4711-4NF □□-0AA0	3RE4711-4QF □□-0AA0	3RE4711-4LF □□-0AA0	3RW5214-1AC □□
22.3	5	7.5	15	20	3RE4711-5NF □□-0AA0	3RE4711-5QF □□-0AA0	3RE4711-5LF □□-0AA0	3RW5215-1AC □□
27.2	7.5	7.5	20	25	3RE4711-6NF □□-0AA0	3RE4711-6QF □□-0AA0	3RE4711-6LF □□-0AA0	3RW5216-1AC □□
30.5	7.5	10	20	25	3RE4711-7NF □□-0AA0	3RE4711-7QF □□-0AA0	3RE4711-7LF □□-0AA0	3RW5217-1AC □□
41.6	10	10	30	40	3RE4712-4NF □□-0AA0	3RE4712-4QF □□-0AA0	3RE4712-4LF □□-0AA0	3RW5224-1AC □□
55.5	15	20	40	50	3RE4712-5NF □□-0AA0	3RE4712-5QF □□-0AA0	3RE4712-5LF □□-0AA0	3RW5225-1AC □□
59	15	20	40	50	3RE4712-6NF □□-0AA0	3RE4712-6QF □□-0AA0	3RE4712-6LF □□-0AA0	3RW5226-1AC □□
82.5	25	30	60	75	3RE4712-7NF □□-0AA0	3RE4712-7QF □□-0AA0	3RE4712-7LF □□-0AA0	3RW5227-1AC □□
97	30	30	75	75	3RE4713-4NF □□-0AA0	3RE4713-4QF □□-0AA0	3RE4713-4LF □□-0AA0	3RW5234-6AC □□
103	30	30	75	100	3RE4713-5NF □□-0AA0	3RE4713-5QF □□-0AA0	3RE4713-5LF □□-0AA0	3RW5235-6AC □□
117	30	40	75	100	3RE4713-6NF □□-0AA0	3RE4713-6QF □□-0AA0	3RE4713-6LF □□-0AA0	3RW5236-6AC □□
146	40	50	100	150	3RE4714-3NF □□-0AA0	3RE4714-3QF □□-0AA0	3RE4714-3LF □□-0AA0	3RW5243-6AC □□
180	60	60	150	175	3RE4714-4NF □□-0AA0	3RE4714-4QF □□-0AA0	3RE4714-4LF □□-0AA0	3RW5244-6AC □□
171	50	60	125	175	3RE4714-5NF □□-0AA0	3RE4714-5QF □□-0AA0	3RE4714-5LF □□-0AA0	3RW5245-6AC □□
230	75	75	175	200	3RE4714-6NF □□-0AA0	3RE4714-6QF □□-0AA0	3RE4714-6LF □□-0AA0	3RW5246-6AC □□
236	75	75	175	200	3RE4714-7NF □□-0AA0	3RE4714-7QF □□-0AA0	3RE4714-7LF □□-0AA0	3RW5247-6AC □□



① Oversized enclosures are required for certain factory modifications as indicated starting on page ????. Oversized enclosures may also be ordered for additional panel space to accommodate field installed components.

② Internally supplied with CPT.

3RE472 High Performance Non-Combination (no disconnect device)



Ordering information

- For factory modifications and accessories, see page 28.
- For technical data, see page 30.
- For wiring diagrams, see page 33.
- For dimension diagrams, see page 39

Oversized

For oversized enclosures ①, change the 9th character of the catalog number as follows:

NEMA Type	From	To
1/12	N	P
3R/4	Q	R
4X	L	M

Class 10 Normal Starting (350% rated motor full load amps for 10 seconds)

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure Type 1/12 General purpose, dust-tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	Open Soft Starter (reference only)
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number	
11.5	2	3	7.5	10	3RE4721-3NA□□-0AA0	3RE4721-3QA□□-0AA0	3RE4721-3LA□□-0AA0	3RW5513-1HA□□
15.9	3	5	10	10	3RE4721-4NA□□-0AA0	3RE4721-4QA□□-0AA0	3RE4721-4LA□□-0AA0	3RW5514-1HA□□
22.3	5	7.5	15	20	3RE4721-5NA□□-0AA0	3RE4721-5QA□□-0AA0	3RE4721-5LA□□-0AA0	3RW5515-1HA□□
28.4	7.5	10	20	25	3RE4721-6NA□□-0AA0	3RE4721-6QA□□-0AA0	3RE4721-6LA□□-0AA0	3RW5516-1HA□□
33.5	10	10	20	30	3RE4721-7NA□□-0AA0	3RE4721-7QA□□-0AA0	3RE4721-7LA□□-0AA0	3RW5517-1HA□□
Operational voltage					200/208 V	1	1	4
					230/240 V	2	2	4
Control voltage					460/480 V	4	4	4
					575/600 V	5	5	5
Control voltage					24 VAC ②	1	1	0
					120 VAC ②	3	3	1

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure Type 1 General purpose, dust-tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	Open Soft Starter (reference only)
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number	
41.6	10	10	30	40	3RE4722-4NA□□-0AA0	3RE4722-4QA□□-0AA0	3RE4722-4LA□□-0AA0	3RW5524-1HA□□
55.5	15	20	40	50	3RE4722-5NA□□-0AA0	3RE4722-5QA□□-0AA0	3RE4722-5LA□□-0AA0	3RW5525-1HA□□
68	20	25	50	60	3RE4722-6NA□□-0AA0	3RE4722-6QA□□-0AA0	3RE4722-6LA□□-0AA0	3RW5526-1HA□□
82.5	25	30	60	75	3RE4722-7NA□□-0AA0	3RE4722-7QA□□-0AA0	3RE4722-7LA□□-0AA0	3RW5527-1HA□□
101	30	30	75	100	3RE4723-4NA□□-0AA0	3RE4723-4QA□□-0AA0	3RE4723-4LA□□-0AA0	3RW5534-6HA□□
128	40	40	100	125	3RE4723-5NA□□-0AA0	3RE4723-5QA□□-0AA0	3RE4723-5LA□□-0AA0	3RW5535-6HA□□
153	50	50	100	150	3RE4723-6NA□□-0AA0	3RE4723-6QA□□-0AA0	3RE4723-6LA□□-0AA0	3RW5536-6HA□□
186	60	60	150	150	3RE4724-3NA□□-0AA0	3RE4724-3QA□□-0AA0	3RE4724-3LA□□-0AA0	3RW5543-6HA□□
220	60	75	150	200	3RE4724-4NA□□-0AA0	3RE4724-4QA□□-0AA0	3RE4724-4LA□□-0AA0	3RW5544-6HA□□
279	75	100	200	250	3RE4724-5NA□□-0AA0	3RE4724-5QA□□-0AA0	3RE4724-5LA□□-0AA0	3RW5545-6HA□□
328	100	125	250	300	3RE4724-6NA□□-0AA0	3RE4724-6QA□□-0AA0	3RE4724-6LA□□-0AA0	3RW5546-6HA□□
416	150	150	350	450	3RE4724-7NA□□-0AA0	3RE4724-7QA□□-0AA0	3RE4724-7LA□□-0AA0	3RW5547-6HA□□
490	150	200	400	500	3RE4724-8NA□□-0AA0	3RE4724-8QA□□-0AA0	3RE4724-8LA□□-0AA0	3RW5548-6HA□□
561	200	200	450	600	3RE4725-2NA□□-0AA0	3RE4725-2QA□□-0AA0	3RE4725-2LA□□-0AA0	3RW5552-6HA□□
641	200	250	500	700	3RE4725-3NA□□-0AA0	3RE4725-3QA□□-0AA0	3RE4725-3LA□□-0AA0	3RW5553-6HA□□
748	250	300	600	800	3RE4725-4NA□□-0AA0	3RE4725-4QA□□-0AA0	3RE4725-4LA□□-0AA0	3RW5554-6HA□□
979	350	400	850	1100	3RE4725-6NA□□-0AA0	3RE4725-6QA□□-0AA0	3RE4725-6LA□□-0AA0	3RW5556-6HA□□
1130	400	450	1000	1250	3RE4725-8NA□□-0AA0	3RE4725-8QA□□-0AA0	3RE4725-8LA□□-0AA0	3RW5558-6HA□□
Operational voltage					200/208 V	1	1	4
					230/240 V	2	2	4
Control voltage					460/480 V	4	4	4
					575/600 V	5	5	6
Control voltage					24 VAC ②	1	1	0
					120 VAC ②	3	3	1
Line/Load cable entry					Top/Top	1	1	
					Top/Bottom	2	2	
					Bottom/Top	3	3	
					Bottom/Bottom	4	4	

① Oversized enclosures are required for certain factory modifications as indicated starting on page ???. Oversized enclosures may also be ordered for additional panel space to accommodate field installed components.

② Internally supplied with CPT.

3RE472 High Performance

Non-Combination (no disconnect device)



Ordering information

- For factory modifications and accessories, see page 28.
- For technical data, see page 30.
- For wiring diagrams, see page 33.
- For dimension diagrams, see page 39

Oversized

For oversized enclosures ①, change the 9th character of the catalog number as follows:

NEMA Type	From	To
1/12	N	P
3R/4	Q	R
4X	L	M

Class 20 Heavy Starting (350% rated motor full load amps for 20 seconds)

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure Type 1/12 General purpose, dust-tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	Open Soft Starter (reference only)
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number	
	2	3	7.5	10	3RE4721-3NA□□-0AA0	3RE4721-3QA□□-0AA0	3RE4721-3LA□□-0AA0	
11.5	2	3	7.5	10	3RE4721-3NA□□-0AA0	3RE4721-3QA□□-0AA0	3RE4721-3LA□□-0AA0	3RW5513-1HA□□
15.9	3	5	10	10	3RE4721-4NA□□-0AA0	3RE4721-4QA□□-0AA0	3RE4721-4LA□□-0AA0	3RW5514-1HA□□
22.3	5	7.5	15	20	3RE4721-5NA□□-0AA0	3RE4721-5QA□□-0AA0	3RE4721-5LA□□-0AA0	3RW5515-1HA□□
27.2	7.5	7.5	20	25	3RE4721-6NA□□-0AA0	3RE4721-6QA□□-0AA0	3RE4721-6LA□□-0AA0	3RW5516-1HA□□
30.5	7.5	10	20	25	3RE4721-7NA□□-0AA0	3RE4721-7QA□□-0AA0	3RE4721-7LA□□-0AA0	3RW5517-1HA□□
					Operational voltage	Operational voltage	Operational voltage	Operational voltage
					200/208 V	200/208 V	200/208 V	200/208 V
					230/240 V	230/240 V	230/240 V	230/240 V
					460/480 V	460/480 V	460/480 V	460/480 V
					575/600 V	575/600 V	575/600 V	575/600 V
					Control voltage	Control voltage	Control voltage	Control voltage
					24 VAC ②	24 VAC ②	24 VAC ②	24 VAC ②
					120 VAC ②	120 VAC ②	120 VAC ②	120 VAC ②

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure Type 1 General purpose, dust-tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight Corrosion Resistant	Open Soft Starter (reference only)
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number	
	10	10	30	40	3RE4722-4NA□□-0AA0	3RE4722-4QA□□-0AA0	3RE4722-4LA□□-0AA0	
41.6	10	10	30	40	3RE4722-4NA□□-0AA0	3RE4722-4QA□□-0AA0	3RE4722-4LA□□-0AA0	3RW5524-1HA□□
55.5	15	20	40	50	3RE4722-5NA□□-0AA0	3RE4722-5QA□□-0AA0	3RE4722-5LA□□-0AA0	3RW5525-1HA□□
68	20	25	50	60	3RE4722-6NA□□-0AA0	3RE4722-6QA□□-0AA0	3RE4722-6LA□□-0AA0	3RW5526-1HA□□
82.5	25	30	60	75	3RE4722-7NA□□-0AA0	3RE4722-7QA□□-0AA0	3RE4722-7LA□□-0AA0	3RW5527-1HA□□
97	30	30	75	75	3RE4723-4NA□□-0AA0	3RE4723-4QA□□-0AA0	3RE4723-4LA□□-0AA0	3RW5534-6HA□□
113	30	40	75	100	3RE4723-5NA□□-0AA0	3RE4723-5QA□□-0AA0	3RE4723-5LA□□-0AA0	3RW5535-6HA□□
129	40	40	100	125	3RE4723-6NA□□-0AA0	3RE4723-6QA□□-0AA0	3RE4723-6LA□□-0AA0	3RW5536-6HA□□
146	40	50	100	150	3RE4724-3NA□□-0AA0	3RE4724-3QA□□-0AA0	3RE4724-3LA□□-0AA0	3RW5543-6HA□□
180	60	60	150	175	3RE4724-4NA□□-0AA0	3RE4724-4QA□□-0AA0	3RE4724-4LA□□-0AA0	3RW5544-6HA□□
207	60	75	175	200	3RE4724-5NA□□-0AA0	3RE4724-5QA□□-0AA0	3RE4724-5LA□□-0AA0	3RW5545-6HA□□
230	75	75	175	200	3RE4724-6NA□□-0AA0	3RE4724-6QA□□-0AA0	3RE4724-6LA□□-0AA0	3RW5546-6HA□□
254	75	100	200	250	3RE4724-7NA□□-0AA0	3RE4724-7QA□□-0AA0	3RE4724-7LA□□-0AA0	3RW5547-6HA□□
262	75	100	200	250	3RE4724-8NA□□-0AA0	3RE4724-8QA□□-0AA0	3RE4724-8LA□□-0AA0	3RW5548-6HA□□
450	150	175	350	450	3RE4725-2NA□□-□AA0	3RE4725-2QA□□-□AA0	3RE4725-2LA□□-□AA0	3RW5552-6HA□□
470	150	175	350	450	3RE4725-3NA□□-□AA0	3RE4725-3QA□□-□AA0	3RE4725-3LA□□-□AA0	3RW5553-6HA□□
520	175	200	450	500	3RE4725-4NA□□-□AA0	3RE4725-4QA□□-□AA0	3RE4725-4LA□□-□AA0	3RW5554-6HA□□
840	300	350	700	800	3RE4725-6NA□□-□AA0	3RE4725-6QA□□-□AA0	3RE4725-6LA□□-□AA0	3RW5556-6HA□□
900	300	350	750	950	3RE4725-8NA□□-□AA0	3RE4725-8QA□□-□AA0	3RE4725-8LA□□-□AA0	3RW5558-6HA□□
					Operational voltage	Operational voltage	Operational voltage	Operational voltage
					200/208 V	200/208 V	200/208 V	200/208 V
					230/240 V	230/240 V	230/240 V	230/240 V
					460/480 V	460/480 V	460/480 V	460/480 V
					575/600 V	575/600 V	575/600 V	575/600 V
					Control voltage	Control voltage	Control voltage	Control voltage
					24 VAC ②	24 VAC ②	24 VAC ②	24 VAC ②
					120 VAC ②	120 VAC ②	120 VAC ②	120 VAC ②
					Line/Load cable entry	Line/Load cable entry	Line/Load cable entry	Line/Load cable entry
					Top/Top	Top/Top	Top/Top	Top/Top
					Top/Bottom	Top/Bottom	Top/Bottom	Top/Bottom
					Bottom/Top	Bottom/Top	Bottom/Top	Bottom/Top
					Bottom/Bottom	Bottom/Bottom	Bottom/Bottom	Bottom/Bottom

① Oversized enclosures are required for certain factory modifications as indicated starting on page ????. Oversized enclosures may also be ordered for additional panel space to accommodate field installed components.

② Internally supplied with CPT.

3RE472 High Performance Non-Combination (no disconnect device)



Ordering information

- For factory modifications and accessories, see page 28.
- For technical data, see page 30.
- For wiring diagrams, see page 33.
- For dimension diagrams, see page 39

Oversized

For oversized enclosures ①, change the 9th character of the catalog number as follows:

NEMA Type	From	To
1/12	N	P
3R/4	Q	R
4X	L	M

Class 30 Severe Starting (350% rated motor full load amps for 30 seconds)

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure			Open Soft Starter (reference only)
					Type 1/12 General purpose, dust-tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number	
11.5	2	3	7.5	10	3RE4721-3NA□□-0AA0	3RE4721-3QA□□-0AA0	3RE4721-3LA□□-0AA0	3RW5513-1HA□□
15.9	3	5	10	10	3RE4721-4NA□□-0AA0	3RE4721-4QA□□-0AA0	3RE4721-4LA□□-0AA0	3RW5514-1HA□□
22.3	5	7.5	15	20	3RE4721-5NA□□-0AA0	3RE4721-5QA□□-0AA0	3RE4721-5LA□□-0AA0	3RW5515-1HA□□
23.6	5	7.5	15	20	3RE4721-6NA□□-0AA0	3RE4721-6QA□□-0AA0	3RE4721-6LA□□-0AA0	3RW5516-1HA□□
26	7.5	7.5	15	20	3RE4721-7NA□□-0AA0	3RE4721-7QA□□-0AA0	3RE4721-7LA□□-0AA0	3RW5517-1HA□□
Operational voltage					200/208 V	1	1	1
					230/240 V	2	2	2
Control voltage					460/480 V	4	4	4
					575/600 V	5	5	5
					24 VAC ②	1	1	0
					120 VAC ②	3	3	1

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure			Open Soft Starter (reference only)
					Type 1 General purpose, dust-tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number	
38	10	10	25	30	3RE4722-4NA□□-0AA0	3RE4722-4QA□□-0AA0	3RE4722-4LA□□-0AA0	3RW5524-1HA□□
48	15	15	30	40	3RE4722-5NA□□-0AA0	3RE4722-5QA□□-0AA0	3RE4722-5LA□□-0AA0	3RW5525-1HA□□
62	20	20	40	60	3RE4722-6NA□□-0AA0	3RE4722-6QA□□-0AA0	3RE4722-6LA□□-0AA0	3RW5526-1HA□□
75.5	20	25	50	60	3RE4722-7NA□□-0AA0	3RE4722-7QA□□-0AA0	3RE4722-7LA□□-0AA0	3RW5527-1HA□□
81	25	30	60	75	3RE4723-4NA□□-0AA0	3RE4723-4QA□□-0AA0	3RE4723-4LA□□-0AA0	3RW5534-6HA□□
98	30	30	75	75	3RE4723-5NA□□-0AA0	3RE4723-5QA□□-0AA0	3RE4723-5LA□□-0AA0	3RW5535-6HA□□
105	30	40	75	100	3RE4723-6NA□□-0AA0	3RE4723-6QA□□-0AA0	3RE4723-6LA□□-0AA0	3RW5536-6HA□□
122	40	40	75	100	3RE4724-3NA□□-0AA0	3RE4724-3QA□□-0AA0	3RE4724-3LA□□-0AA0	3RW5543-6HA□□
140	40	50	100	125	3RE4724-4NA□□-0AA0	3RE4724-4QA□□-0AA0	3RE4724-4LA□□-0AA0	3RW5544-6HA□□
159	50	60	125	150	3RE4724-5NA□□-0AA0	3RE4724-5QA□□-0AA0	3RE4724-5LA□□-0AA0	3RW5545-6HHA□
174	50	60	125	150	3RE4724-6NA□□-0AA0	3RE4724-6QA□□-0AA0	3RE4724-6LA□□-0AA0	3RW5546-6HA□□
190	60	60	150	175	3RE4724-7NA□□-0AA0	3RE4724-7QA□□-0AA0	3RE4724-7LA□□-0AA0	3RW5547-6HA□□
200	60	75	150	200	3RE4724-8NA□□-0AA0	3RE4724-8QA□□-0AA0	3RE4724-8LA□□-0AA0	3RW5548-6HA□□
340	100	125	250	350	3RE4725-2NA□□-□AA0	3RE4725-2QA□□-□AA0	3RE4725-2LA□□-□AA0	3RW5552-6HA□□
360	125	150	250	350	3RE4725-3NA□□-□AA0	3RE4725-3QA□□-□AA0	3RE4725-3LA□□-□AA0	3RW5553-6HA□□
380	125	150	300	350	3RE4725-4NA□□-□AA0	3RE4725-4QA□□-□AA0	3RE4725-4LA□□-□AA0	3RW5554-6HA□□
670	200	250	550	700	3RE4725-6NA□□-□AA0	3RE4725-6QA□□-□AA0	3RE4725-6LA□□-□AA0	3RW5556-6HA□□
720	250	250	600	750	3RE4725-8NA□□-□AA0	3RE4725-8QA□□-□AA0	3RE4725-8LA□□-□AA0	3RW5558-6HA□□
Operational voltage					200/208 V	1	1	1
					230/240 V	2	2	2
Control voltage					460/480 V	4	4	4
					575/600 V	5	5	6
					24 VAC ②	1	1	0
					120 VAC ②	3	3	1
Line/Load cable entry					Top/Top	1	1	1
					Top/Bottom	2	2	2
					Bottom/Top	3	3	3
					Bottom/Bottom	4	4	4

① Oversized enclosures are required for certain factory modifications as indicated starting on page ???. Oversized enclosures may also be ordered for additional panel space to accommodate field installed components.

② Internally supplied with CPT.

3RE472 High Performance Combination with circuit breaker



Ordering information

- For factory modifications and accessories, see page 28.
- For technical data, see page 30.
- For wiring diagrams, see page 33.
- For dimension diagrams, see page 39

Oversized

For oversized enclosures ①, change the 9th character of the catalog number as follows:

NEMA Type	From	To
1/12	N	P
3R/4	Q	R
4X	L	M

Class 10 Normal Starting (350% rated motor full load amps for 10 seconds)

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure Type 1/12 General purpose, dust-tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	Open Soft Starter (reference only)
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number	
11.5	2	3	7.5	10	3RE4721-3NB□□-0AA0	3RE4721-3QB□□-0AA0	3RE4721-3LB□□-0AA0	3RW5513-1HA□□
15.9	3	5	10	10	3RE4721-4NB□□-0AA0	3RE4721-4QB□□-0AA0	3RE4721-4LB□□-0AA0	3RW5514-1HA□□
22.3	5	7.5	15	20	3RE4721-5NB□□-0AA0	3RE4721-5QB□□-0AA0	3RE4721-5LB□□-0AA0	3RW5515-1HA□□
28.4	7.5	10	20	25	3RE4721-6NB□□-0AA0	3RE4721-6QB□□-0AA0	3RE4721-6LB□□-0AA0	3RW5516-1HA□□
33.5	10	10	20	30	3RE4721-7NB□□-0AA0	3RE4721-7QB□□-0AA0	3RE4721-7LB□□-0AA0	3RW5517-1HA□□
Operational voltage					200/208 V 1 230/240 V 2 460/480 V 4 575/600 V 5	1 2 4 5	1 2 4 5	4 4 4 5
Control voltage					24 VAC ② 1 120 VAC ② 3	1 3	1 3	0 1

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure Type 1 General purpose, dust-tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	Open Soft Starter (reference only)
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number	
41.6	10	10	30	40	3RE4722-4NB□□-0AA0	3RE4722-4QB□□-0AA0	3RE4722-4LB□□-0AA0	3RW5524-1HA□□
55.5	15	20	40	50	3RE4722-5NB□□-0AA0	3RE4722-5QB□□-0AA0	3RE4722-5LB□□-0AA0	3RW5525-1HA□□
68	20	25	50	60	3RE4722-6NB□□-0AA0	3RE4722-6QB□□-0AA0	3RE4722-6LB□□-0AA0	3RW5526-1HA□□
82.5	25	30	60	75	3RE4722-7NB□□-0AA0	3RE4722-7QB□□-0AA0	3RE4722-7LB□□-0AA0	3RW5527-1HA□□
101	30	30	75	100	3RE4723-4NB□□-0AA0	3RE4723-4QB□□-0AA0	3RE4723-4LB□□-0AA0	3RW5534-6HA□□
128	40	40	100	125	3RE4723-5NB□□-0AA0	3RE4723-5QB□□-0AA0	3RE4723-5LB□□-0AA0	3RW5535-6HA□□
153	50	50	100	150	3RE4723-6NB□□-0AA0	3RE4723-6QB□□-0AA0	3RE4723-6LB□□-0AA0	3RW5536-6HA□□
186	60	60	150	150	3RE4724-3NB□□-0AA0	3RE4724-3QB□□-0AA0	3RE4724-3LB□□-0AA0	3RW5543-6HA□□
220	60	75	150	200	3RE4724-4NB□□-0AA0	3RE4724-4QB□□-0AA0	3RE4724-4LB□□-0AA0	3RW5544-6HA□□
279	75	100	200	250	3RE4724-5NB□□-0AA0	3RE4724-5QB□□-0AA0	3RE4724-5LB□□-0AA0	3RW5545-6HA□□
328	100	125	250	300	3RE4724-6NB□□-0AA0	3RE4724-6QB□□-0AA0	3RE4724-6LB□□-0AA0	3RW5546-6HA□□
416	150	150	350	450	3RE4724-7NB□□-0AA0	3RE4724-7QB□□-0AA0	3RE4724-7LB□□-0AA0	3RW5547-6HA□□
490	150	200	400	500	3RE4724-8NB□□-0AA0	3RE4724-8QB□□-0AA0	3RE4724-8LB□□-0AA0	3RW5548-6HA□□
561	200	200	450	600	3RE4725-2NB□□-• AA0	3RE4725-2QB□□-• AA0	3RE4725-2LB□□-• AA0	3RW5552-6HA□□
641	200	250	500	700	3RE4725-3NB□□-• AA0	3RE4725-3QB□□-• AA0	3RE4725-3LB□□-• AA0	3RW5553-6HA□□
748	250	300	600	800	3RE4725-4NB□□-• AA0	3RE4725-4QB□□-• AA0	3RE4725-4LB□□-• AA0	3RW5554-6HA□□
979	350	400	850	1100	3RE4725-6NB□□-• AA0	3RE4725-6QB□□-• AA0	3RE4725-6LB□□-• AA0	3RW5556-6HA□□
1130	400	450	1000	1250	3RE4725-8NB□□-• AA0	3RE4725-8QB□□-• AA0	3RE4725-8LB□□-• AA0	3RW5558-6HA□□
Operational voltage					200/208 V 1 230/240 V 2 460/480 V 4 575/600 V 5	1 2 4 5	1 2 4 5	4 4 4 6
Control voltage					24 VAC ② 1 120 VAC ② 3	1 3	1 3	0 1
Line/Load cable entry					Top/Top 1 Top/Bottom 2 Bottom/Top 3 Bottom/Bottom 4	1 2 3 4	1 2 3 4	

① Oversized enclosures are required for certain factory modifications as indicated starting on page ????. Oversized enclosures may also be ordered for additional panel space to accommodate field installed components. ② Internally supplied with CPT.

3RE472 High Performance Combination with circuit breaker



Ordering information

- For factory modifications and accessories, see page 28.
- For technical data, see page 30.
- For wiring diagrams, see page 33.
- For dimension diagrams, see page 39

Oversized

For oversized enclosures ①, change the 9th character of the catalog number as follows:

NEMA Type	From	To
1/12	N	P
3R/4	Q	R
4X	L	M

Class 20 Heavy Starting (350% rated motor full load amps for 20 seconds)

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure Type 1/12 General purpose, dust-tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	Open Soft Starter (reference only)
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number	
11.5	2	3	7.5	10	3RE4721-3NB□□-0AA0	3RE4721-3QB□□-0AA0	3RE4721-3LB□□-0AA0	3RW5513-1HA□□
15.9	3	5	10	10	3RE4721-4NB□□-0AA0	3RE4721-4QB□□-0AA0	3RE4721-4LB□□-0AA0	3RW5514-1HA□□
22.3	5	7.5	15	20	3RE4721-5NB□□-0AA0	3RE4721-5QB□□-0AA0	3RE4721-5LB□□-0AA0	3RW5515-1HA□□
27.2	7.5	7.5	20	25	3RE4721-6NB□□-0AA0	3RE4721-6QB□□-0AA0	3RE4721-6LB□□-0AA0	3RW5516-1HA□□
30.5	7.5	10	20	25	3RE4721-7NB□□-0AA0	3RE4721-7QB□□-0AA0	3RE4721-7LB□□-0AA0	3RW5517-1HA□□
Operational voltage					200/208 V ①	①	①	④
					230/240 V ②	②	②	④
					460/480 V ④	④	④	④
					575/600 V ⑤	⑤	⑤	⑤
Control voltage					24 VAC ②	①	①	①
					120 VAC ②	③	③	①

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure Type 1 General purpose, dust-tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	Open Soft Starter (reference only)
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number	
41.6	10	10	30	40	3RE4722-4NB□□-0AA0	3RE4722-4QB□□-0AA0	3RE4722-4LB□□-0AA0	3RW5524-1HA□□
55.5	15	20	40	50	3RE4722-5NB□□-0AA0	3RE4722-5QB□□-0AA0	3RE4722-5LB□□-0AA0	3RW5525-1HA□□
68	20	25	50	60	3RE4722-6NB□□-0AA0	3RE4722-6QB□□-0AA0	3RE4722-6LB□□-0AA0	3RW5526-1HA□□
82.5	25	30	60	75	3RE4722-7NB□□-0AA0	3RE4722-7QB□□-0AA0	3RE4722-7LB□□-0AA0	3RW5527-1HA□□
97	30	30	75	75	3RE4723-4NB□□-0AA0	3RE4723-4QB□□-0AA0	3RE4723-4LB□□-0AA0	3RW5534-6HA□□
113	30	40	75	100	3RE4723-5NB□□-0AA0	3RE4723-5QB□□-0AA0	3RE4723-5LB□□-0AA0	3RW5535-6HA□□
129	40	40	100	125	3RE4723-6NB□□-0AA0	3RE4723-6QB□□-0AA0	3RE4723-6LB□□-0AA0	3RW5536-6HA□□
146	40	50	100	150	3RE4724-3NB□□-0AA0	3RE4724-3QB□□-0AA0	3RE4724-3LB□□-0AA0	3RW5543-6HA□□
180	60	60	150	175	3RE4724-4NB□□-0AA0	3RE4724-4QB□□-0AA0	3RE4724-4LB□□-0AA0	3RW5544-6HA□□
207	60	75	175	200	3RE4724-5NB□□-0AA0	3RE4724-5QB□□-0AA0	3RE4724-5LB□□-0AA0	3RW5545-6HA□□
230	75	75	175	200	3RE4724-6NB□□-0AA0	3RE4724-6QB□□-0AA0	3RE4724-6LB□□-0AA0	3RW5546-6HA□□
254	75	100	200	250	3RE4724-7NB□□-0AA0	3RE4724-7QB□□-0AA0	3RE4724-7LB□□-0AA0	3RW5547-6HA□□
262	75	100	200	250	3RE4724-8NB□□-0AA0	3RE4724-8QB□□-0AA0	3RE4724-8LB□□-0AA0	3RW5548-6HA□□
450	150	175	350	450	3RE4725-2NB□□-• AA0	3RE4725-2QB□□-0AA0	3RE4725-2LB□□-0AA0	3RW5552-6HA□□
470	150	175	350	450	3RE4725-3NB□□-0AA0	3RE4725-3QB□□-0AA0	3RE4725-3LB□□-0AA0	3RW5553-6HA□□
520	175	200	450	500	3RE4725-4NB□□-0AA0	3RE4725-4QB□□-0AA0	3RE4725-4LB□□-0AA0	3RW5554-6HA□□
840	300	350	700	800	3RE4725-6NB□□-0AA0	3RE4725-6QB□□-0AA0	3RE4725-6LB□□-0AA0	3RW5556-6HA□□
900	300	350	750	950	3RE4725-8NB□□-0AA0	3RE4725-8QB□□-0AA0	3RE4725-8LB□□-0AA0	3RW5558-6HA□□
Operational voltage					200/208 V ①	①	①	④
					230/240 V ②	②	②	④
					460/480 V ④	④	④	④
					575/600 V ⑤	⑤	⑤	⑥
Control voltage					24 VAC ②	①	①	①
					120 VAC ②	③	③	①
Line/Load cable entry					Top/Top ①	①	①	④
					Top/Bottom ②	②	②	④
					Bottom/Top ③	③	③	④
					Bottom/Bottom ④	④	④	④

① Oversized enclosures are required for certain factory modifications as indicated starting on page ????. Oversized enclosures may also be ordered for additional panel space to accommodate field installed components.

② Internally supplied with CPT.

3RE472 High Performance Combination with circuit breaker



Ordering information

- For factory modifications and accessories, see page 28.
- For technical data, see page 30.
- For wiring diagrams, see page 33.
- For dimension diagrams, see page 39

Oversized

For oversized enclosures ①, change the 9th character of the catalog number as follows:

NEMA Type	From	To
1/12	N	P
3R/4	Q	R
4X	L	M

Class 30 Severe Starting (350% rated motor full load amps for 30 seconds)

Max. Motor Full Load Amps					NEMA Type Enclosure				Open Soft Starter (reference only)
	3-Phase Motor Hp Rating				Type 1/12	Type 3R/4	Type 4X 316 Stainless Steel		
					General purpose, dust-tight Indoor only	Weatherproof, watertight, dust-tight	Watertight, dust-tight corrosion resistant		
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number		
11.5	2	3	7.5	10	3RE4721-3NB□□-0AA0	3RE4721-3QB□□-0AA0	3RE4721-3LB□□-0AA0	3RW5513-1HA□□	
15.9	3	5	10	10	3RE4721-4NB□□-0AA0	3RE4721-4QB□□-0AA0	3RE4721-4LB□□-0AA0	3RW5514-1HA□□	
22.3	5	7.5	15	20	3RE4721-5NB□□-0AA0	3RE4721-5QB□□-0AA0	3RE4721-5LB□□-0AA0	3RW5515-1HA□□	
23.6	5	7.5	15	20	3RE4721-6NB□□-0AA0	3RE4721-6QB□□-0AA0	3RE4721-6LB□□-0AA0	3RW5516-1HA□□	
26	7.5	7.5	15	20	3RE4721-7NB□□-0AA0	3RE4721-7QB□□-0AA0	3RE4721-7LB□□-0AA0	3RW5517-1HA□□	
Operational voltage					200/208 V	1	1	1	4
					230/240 V	2	2	2	2
Control voltage					460/480 V	4	4	4	4
					575/600 V	5	5	5	5
					24 VAC ②	1	1	1	0
					120 VAC ②	3	3	3	3

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure			Open Soft Starter (reference only)		
					Type 1	Type 3R/4	Type 4X 316 Stainless Steel			
	General purpose, dust-tight Indoor only	Weatherproof, watertight, dust-tight	Watertight, dust-tight corrosion resistant							
200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number				
41.6	10	10	30	40	3RE4722-4NB□□-0AA0	3RE4722-4QB□□-0AA0	3RE4722-4LB□□-0AA0	3RW5524-1HA□□		
55.5	15	20	40	50	3RE4722-5NB□□-0AA0	3RE4722-5QB□□-0AA0	3RE4722-5LB□□-0AA0	3RW5525-1HA□□		
68	20	25	50	60	3RE4722-6NB□□-0AA0	3RE4722-6QB□□-0AA0	3RE4722-6LB□□-0AA0	3RW5526-1HA□□		
82.5	25	30	60	75	3RE4722-7NB□□-0AA0	3RE4722-7QB□□-0AA0	3RE4722-7LB□□-0AA0	3RW5527-1HA□□		
101	30	30	75	100	3RE4723-4NB□□-0AA0	3RE4723-4QB□□-0AA0	3RE4723-4LB□□-0AA0	3RW5534-6HA□□		
128	40	40	100	125	3RE4723-5NB□□-0AA0	3RE4723-5QB□□-0AA0	3RE4723-5LB□□-0AA0	3RW5535-6HA□□		
153	50	50	100	150	3RE4723-6NB□□-0AA0	3RE4723-6QB□□-0AA0	3RE4723-6LB□□-0AA0	3RW5536-6HA□□		
186	60	60	150	150	3RE4724-3NB□□-0AA0	3RE4724-3QB□□-0AA0	3RE4724-3LB□□-0AA0	3RW5543-6HA□□		
220	60	75	150	200	3RE4724-4NB□□-0AA0	3RE4724-4QB□□-0AA0	3RE4724-4LB□□-0AA0	3RW5544-6HA□□		
279	75	100	200	250	3RE4724-5NB□□-0AA0	3RE4724-5QB□□-0AA0	3RE4724-5LB□□-0AA0	3RW5545-6HA□□		
328	100	125	250	300	3RE4724-6NB□□-0AA0	3RE4724-6QB□□-0AA0	3RE4724-6LB□□-0AA0	3RW5546-6HA□□		
416	150	150	350	450	3RE4724-7NB□□-0AA0	3RE4724-7QB□□-0AA0	3RE4724-7LB□□-0AA0	3RW5547-6HA□□		
490	150	200	400	500	3RE4724-8NB□□-0AA0	3RE4724-8QB□□-0AA0	3RE4724-8LB□□-0AA0	3RW5548-6HA□□		
561	200	200	450	600	3RE4725-2NB□□-□AA0	3RE4725-2QB□□-□AA0	3RE4725-2LB□□-□AA0	3RW5552-6HA□□		
641	200	250	500	700	3RE4725-3NB□□-□AA0	3RE4725-3QB□□-□AA0	3RE4725-3LB□□-□AA0	3RW5553-6HA□□		
748	250	300	600	800	3RE4725-4NB□□-□AA0	3RE4725-4QB□□-□AA0	3RE4725-4LB□□-□AA0	3RW5554-6HA□□		
979	350	400	850	1100	3RE4725-6NB□□-□AA0	3RE4725-6QB□□-□AA0	3RE4725-6LB□□-□AA0	3RW5556-6HA□□		
1130	400	450	1000	1250	3RE4725-8NB□□-□AA0	3RE4725-8QB□□-□AA0	3RE4725-8LB□□-□AA0	3RW5558-6HA□□		
Operational voltage					200/208 V	1	1	1	1	4
					230/240 V	2	2	2	2	4
Control voltage					460/480 V	4	4	4	4	4
					575/600 V	5	5	5	5	6
Line/Load cable entry					24 VAC ②	1	1	1	1	0
					120 VAC ②	3	3	3	3	1
					Top/Top	1	1	1	1	
					Top/Bottom	2	2	2	2	
					Bottom/Top	3	3	3	3	
					Bottom/Bottom	4	4	4	4	

① Oversized enclosures are required for certain factory modifications as indicated starting on page ??? . Oversized enclosures may also be ordered for additional panel space to accommodate field installed components. ② Internally supplied with CPT.

3RE472 High Performance Combination with fusible disconnect



Ordering information

- For factory modifications and accessories, see page 28.
- For technical data, see page 30.
- For wiring diagrams, see page 33.
- For dimension diagrams, see page 39

Oversized

For oversized enclosures ①, change the 9th character of the catalog number as follows:

NEMA Type	From	To
1/12	N	P
3R/4	Q	R
4X	L	M

Class 10 Normal Starting (350% rated motor full load amps for 10 seconds)

Max. Motor Full Load Amps					NEMA Type Enclosure			Open Soft Starter (reference only)	
					Type 1/12	Type 3R/4	Type 4X 316 Stainless Steel		
					General purpose, dust-tight Indoor only	Weatherproof, watertight, dust-tight	Watertight, dust-tight corrosion resistant		
	3-Phase Motor Hp Rating								
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number		
11.5	2	3	7.5	10	3RE4721-3NF□□-0AA0	3RE4721-3QF□□-0AA0	3RE4721-3LF□□-0AA0	3RW5513-1HA□□	
15.9	3	5	10	10	3RE4721-4NF□□-0AA0	3RE4721-4QF□□-0AA0	3RE4721-4LF□□-0AA0	3RW5514-1HA□□	
22.3	5	7.5	15	20	3RE4721-5NF□□-0AA0	3RE4721-5QF□□-0AA0	3RE4721-5LF□□-0AA0	3RW5515-1HA□□	
28.4	7.5	10	20	25	3RE4721-6NF□□0AA0	3RE4721-6QF□□-0AA0	3RE4721-6LF□□-0AA0	3RW5516-1HA□□	
33.5	10	10	20	30	3RE4721-7NF□□0AA0	3RE4721-7QF□□-0AA0	3RE4721-7LF□□-0AA0	3RW5517-1HA□□	
Operational voltage					200/208 V	1	1	1	4
					230/240 V	2	2	2	2
Control voltage					460/480 V	4	4	4	4
					575/600 V	5	5	5	5
					24 VAC ②	1	1	1	0
					120 VAC ②	3	3	3	3

Max. Motor Full Load Amps					NEMA Type Enclosure			Open Soft Starter (reference only)	
	3-Phase Motor Hp Rating				Type 1	Type 3R/4	Type 4X 316 Stainless Steel		
					General purpose, dust-tight Indoor only	Weatherproof, watertight, dust-tight	Watertight, dust-tight corrosion resistant		
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number		
41.6	10	10	30	40	3RE4722-4NF□□-0AA0	3RE4722-4QF□□-0AA0	3RE4722-4LF□□-0AA0	3RW5524-1HA□□	
55.5	15	20	40	50	3RE4722-5NF□□-0AA0	3RE4722-5QF□□-0AA0	3RE4722-5LF□□-0AA0	3RW5525-1HA□□	
68	20	25	50	60	3RE4722-6NF□□-0AA0	3RE4722-6QF□□-0AA0	3RE4722-6LF□□-0AA0	3RW5526-1HA□□	
82.5	25	30	60	75	3RE4722-7NF□□-0AA0	3RE4722-7QF□□-0AA0	3RE4722-7LF□□-0AA0	3RW5527-1HA□□	
101	30	30	75	100	3RE4723-4NF□□-0AA0	3RE4723-4QF□□-0AA0	3RE4723-4LF□□-0AA0	3RW5534-6HA□□	
128	40	40	100	125	3RE4723-5NF□□-0AA0	3RE4723-5QF□□-0AA0	3RE4723-5LF□□-0AA0	3RW5535-6HA□□	
153	50	50	100	150	3RE4723-6NF□□-0AA0	3RE4723-6QF□□-0AA0	3RE4723-6LF□□-0AA0	3RW5536-6HA□□	
186	60	60	150	150	3RE4724-3NF□□-0AA0	3RE4724-3QF□□-0AA0	3RE4724-3LF□□-0AA0	3RW5543-6HA□□	
220	60	75	150	200	3RE4724-4NF□□-0AA0	3RE4724-4QF□□-0AA0	3RE4724-4LF□□-0AA0	3RW5544-6HA□□	
279	75	100	200	250	3RE4724-5NF□□-0AA0	3RE4724-5QF□□-0AA0	3RE4724-5LF□□-0AA0	3RW5545-6HA□□	
328	100	125	250	300	3RE4724-6NF□□-0AA0	3RE4724-6QF□□-0AA0	3RE4724-6LF□□-0AA0	3RW5546-6HA□□	
416	150	150	350	450	3RE4724-7NF□□-0AA0	3RE4724-7QF□□-0AA0	3RE4724-7LF□□-0AA0	3RW5547-6HA□□	
Operational voltage					200/208 V	1	1	1	4
					230/240 V	2	2	2	2
Control voltage					460/480 V	4	4	4	4
					575/600 V	5	5	5	5
Control voltage					24 VAC ②	1	1	1	0
					120 VAC ②	3	3	3	3

① Oversized enclosures are required for certain factory modifications as indicated starting on page ???. Oversized enclosures may also be ordered for additional panel space to accommodate field installed components.

② Internally supplied with CPT.

3RE472 High Performance Combination with fusible disconnect



Ordering information

- For factory modifications and accessories, see page 28.
- For technical data, see page 30.
- For wiring diagrams, see page 33.
- For dimension diagrams, see page 39

Oversized

For oversized enclosures ①, change the 9th character of the catalog number as follows:

NEMA Type	From	To
1/12	N	P
3R/4	Q	R
4X	L	M

Class 20 Heavy Starting (350% rated motor full load amps for 20 seconds)

Max. Motor Full Load Amps					NEMA Type Enclosure			Open Soft Starter (reference only)	
	3-Phase Motor Hp Rating				Type 1/12	Type 3R/4	Type 4X 316 Stainless Steel		
					General purpose, dust-tight Indoor only	Weatherproof, watertight, dust-tight	Watertight, dust-tight corrosion resistant		
	200 V	230 V	460 V	575 V	Catalog Number	Catalog Number	Catalog Number		
	11.5	2	3	7.5	10	3RE4721-3NF□□-0AA0	3RE4721-3QF□□-0AA0		3RE4721-3LF□□-0AA0
	15.9	3	5	10	10	3RE4721-4NF□□-0AA0	3RE4721-4QF□□-0AA0		3RE4721-4LF□□-0AA0
	22.3	5	7.5	15	20	3RE4721-5NF□□-0AA0	3RE4721-5QF□□-0AA0		3RE4721-5LF□□-0AA0
27.2	7.5	7.5	20	25	3RE4721-6NF□□-0AA0	3RE4721-6QF□□-0AA0	3RE4721-6LF□□-0AA0		
30.5	7.5	10	20	25	3RE4721-7NF□□-0AA0	3RE4721-7QF□□-0AA0	3RE4721-7LF□□-0AA0		
Operational voltage					200/208 V	1	1	1	4
					230/240 V	2	2	2	4
Control voltage					460/480 V	4	4	4	4
					575/600 V	5	5	5	5
Control voltage					24 VAC ②	1	1	1	0
					120 VAC ②	3	3	3	1

Max. Motor Full Load Amps					NEMA Type Enclosure			Open Soft Starter (reference only)
	3-Phase Motor Hp Rating				Type 1	Type 3R/4	Type 4X 316 Stainless Steel	
	200 V	230 V	460 V	575 V	General purpose, dust-tight Indoor only	Weatherproof, watertight, dust-tight	Watertight, dust-tight corrosion resistant	
					Catalog Number	Catalog Number	Catalog Number	
41.6	10	10	30	40	3RE4722-4NF□□-0AA0	3RE4722-4QF□□-0AA0	3RE4722-4LF□□-0AA0	3RW5524-1HA□□
55.5	15	20	40	50	3RE4722-5NF□□-0AA0	3RE4722-5QF□□-0AA0	3RE4722-5LF□□-0AA0	3RW5525-1HA□□
68	20	25	50	60	3RE4722-6NF□□-0AA0	3RE4722-6QF□□-0AA0	3RE4722-6LF□□-0AA0	3RW5526-1HA□□
82.5	25	30	60	75	3RE4722-7NF□□-0AA0	3RE4722-7QF□□-0AA0	3RE4722-7LF□□-0AA0	3RW5527-1HA□□
97	30	30	75	75	3RE4723-4NF□□-0AA0	3RE4723-4QF□□-0AA0	3RE4723-4LF□□-0AA0	3RW5534-6HA□□
113	30	40	75	100	3RE4723-5NF□□-0AA0	3RE4723-5QF□□-0AA0	3RE4723-5LF□□-0AA0	3RW5535-6HA□□
129	40	40	100	125	3RE4723-6NF□□-0AA0	3RE4723-6QF□□-0AA0	3RE4723-6LF□□-0AA0	3RW5536-6HA□□
146	40	50	100	150	3RE4724-3NF□□-0AA0	3RE4724-3QF□□-0AA0	3RE4724-3LF□□-0AA0	3RW5543-6HA□□
180	60	60	150	175	3RE4724-4NF□□-0AA0	3RE4724-4QF□□-0AA0	3RE4724-4LF□□-0AA0	3RW5544-6HA□□
207	60	75	175	200	3RE4724-5NF□□-0AA0	3RE4724-5QF□□-0AA0	3RE4724-5LF□□-0AA0	3RW5545-6HA□□
230	75	75	175	200	3RE4724-6NF□□-0AA0	3RE4724-6QF□□-0AA0	3RE4724-6LF□□-0AA0	3RW5546-6HA□□
254	75	100	200	250	3RE4724-7NF□□-0AA0	3RE4724-7QF□□-0AA0	3RE4724-7LF□□-0AA0	3RW5547-6HA□□

Operational voltage	200/208 V	1	200/208 V	1	200/208 V	1	200/208 V	4	
	230/240 V	2		230/240 V		2		230/240 V	4
	460/480 V	4		460/480 V		4		460/480 V	4
	575/600 V	5		575/600 V		5		575/600 V	6
Control voltage	24 VAC ②	1	24 VAC ②	1	24 VAC ②	1	24 VAC ②	0	
	120 VAC ②	3		120 VAC ②		3		120 VAC ②	3

① Oversized enclosures are required for certain factory modifications as indicated starting on page ????. Oversized enclosures may also be ordered for additional panel space to accommodate field installed components.

② Internally supplied with CPT.

3RE472 High Performance Combination with fusible disconnect



Ordering information

- For factory modifications and accessories, see page 28.
- For technical data, see page 30.
- For wiring diagrams, see page 33.
- For dimension diagrams, see page 39

Oversized

For oversized enclosures ①, change the 9th character of the catalog number as follows:

NEMA Type	From	To
1/12	N	P
3R/4	Q	R
4X	L	M

Class 30 Severe Starting (350% rated motor full load amps for 30 seconds)

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure			Open Soft Starter (reference only)
	200 V	230 V	460 V	575 V	Type 1/12 General purpose, dust-tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	
					Catalog Number	Catalog Number	Catalog Number	
11.5	2	3	7.5	10	3RE4721-3NF□□-0AA0	3RE4721-3QF□□-0AA0	3RE4721-3LF□□-0AA0	3RW5513-1HA□□
15.9	3	5	10	10	3RE4721-4NF□□-0AA0	3RE4721-4QF□□-0AA0	3RE4721-4LF□□-0AA0	3RW5514-1HA□□
22.3	5	7.5	15	20	3RE4721-5NF□□-0AA0	3RE4721-5QF□□-0AA0	3RE4721-5LF□□-0AA0	3RW5515-1HA□□
23.6	5	7.5	15	20	3RE4721-6NF□□-0AA0	3RE4721-6QF□□-0AA0	3RE4721-6LF□□-0AA0	3RW5516-1HA□□
26	7.5	7.5	15	20	3RE4721-7NF□□-0AA0	3RE4721-7QF□□-0AA0	3RE4721-7LF□□-0AA0	3RW5517-1HA□□
Operational voltage					200/208 V ①	①	①	④
					230/240 V ②	②	②	④
Control voltage					460/480 V ④	④	④	④
					575/600 V ⑤	⑤	⑤	⑤
					24 VAC ②	①	①	①
					120 VAC ②	③	③	①

Max. Motor Full Load Amps	3-Phase Motor Hp Rating				NEMA Type Enclosure			Open Soft Starter (reference only)
	200 V	230 V	460 V	575 V	Type 1 General purpose, dust-tight Indoor only	Type 3R/4 Weatherproof, watertight, dust-tight	Type 4X 316 Stainless Steel Watertight, dust-tight corrosion resistant	
					Catalog Number	Catalog Number	Catalog Number	
38	10	10	25	30	3RE4722-4NF□□-0AA0	3RE4722-4QF□□-0AA0	3RE4722-4LF□□-0AA0	3RW5524-1HA□□
48	15	15	30	40	3RE4722-5NF□□-0AA0	3RE4722-5QF□□-0AA0	3RE4722-5LF□□-0AA0	3RW5525-1HA□□
62	20	20	40	60	3RE4722-6NF□□-0AA0	3RE4722-6QF□□-0AA0	3RE4722-6LF□□-0AA0	3RW5526-1HA□□
75.5	20	25	50	60	3RE4722-7NF□□-0AA0	3RE4722-7QF□□-0AA0	3RE4722-7LF□□-0AA0	3RW5527-1HA□□
81	25	30	60	75	3RE4723-4NF□□-0AA0	3RE4723-4QF□□-0AA0	3RE4723-4LF□□-0AA0	3RW5534-6HA□□
98	30	30	75	75	3RE4723-5NF□□-0AA0	3RE4723-5QF□□-0AA0	3RE4723-5LF□□-0AA0	3RW5535-6HA□□
105	30	40	75	100	3RE4723-6NF□□-0AA0	3RE4723-6QF□□-0AA0	3RE4723-6LF□□-0AA0	3RW5536-6HA□□
122	40	40	75	100	3RE4724-3NF□□-0AA0	3RE4724-3QF□□-0AA0	3RE4724-3LF□□-0AA0	3RW5543-6HA□□
140	40	50	100	125	3RE4724-4NF□□-0AA0	3RE4724-4QF□□-0AA0	3RE4724-4LF□□-0AA0	3RW5544-6HA□□
159	50	60	125	150	3RE4724-5NF□□-0AA0	3RE4724-5QF□□-0AA0	3RE4724-5LF□□-0AA0	3RW5545-6HA□□
174	50	60	125	150	3RE4724-6NF□□-0AA0	3RE4724-6QF□□-0AA0	3RE4724-6LF□□-0AA0	3RW5546-6HA□□
190	60	60	150	175	3RE4724-7NF□□-0AA0	3RE4724-7QF□□-0AA0	3RE4724-7LF□□-0AA0	3RW5547-6HA□□
Operational voltage					200/208 V ①	①	①	④
					230/240 V ②	②	②	④
Control voltage					460/480 V ④	④	④	④
					575/600 V ⑤	⑤	⑤	⑥
					24 VAC ②	①	①	①
					120 VAC ②	③	③	①

① Oversized enclosures are required for certain factory modifications as indicated starting on page ????. Oversized enclosures may also be ordered for additional panel space to accommodate field installed components.

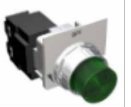
② Internally supplied with CPT.

Selection tables for 3RE47 factory modifications and accessories

Pilot devices

		Device 	Factory installed Mod code	Field installed Catalog number
 49SAP05	 E-Stop	Start-Stop push buttons, momentary	A01	49SAP05
		Emergency Stop push button	A15	NA
 49SAS01	 49SAS04	Hand-Off-Auto selector switch	A03	49SAS01
		Off-On selector switch	A04	49SAS04
		HOA switch and Start push button	A16	NA

Pilot lights

			Device 	Voltage	Factory installed Mod code	Field installed Catalog number
 49SPLOBRF	 49SPLOAGF	 Fault	Red ON	24 V AC 120 V AC	F00	49SPLOBRJ 49SPLOBRF
			Green OFF	24 V AC 120 V AC	F08	49SPLOAGJ 49SPLOAGF
			Amber Fault	24 V AC 120 V AC	F10	N/A N/A

HMI modules

		Device	Performance level	Factory installed Mod code	Field installed Catalog number
 Std. Feature HMI 3RW5980-OHS00 (For reference only)	 High Feature HMI 3RW5980-OHF00	Standard featured HMI mounted on soft starter	Basic (3RE470)	NA	NA
			General (3RE471)	(Standard)	NA
			High (3RE472)	NA	NA
		Standard featured HMI mounted on enclosure door	Basic (3RE470)	NA	NA
			General (3RE471)	H00	NA
			High (3RE472)	NA	NA
		High featured HMI mounted on soft starter	Basic (3RE470)	NA	NA
			General (3RE471)	H02	NA
			High (3RE472)	(Standard)	NA
		High featured HMI mounted on enclosure door	Basic (3RE470)	NA	NA
			General (3RE471)	H01	NA
			High (3RE472)	H01	NA

Control power transformer – 100 VA extra capacity

	Field installed Mod code
	C00

Networking / Communication

		Device	Performance level	Factory installed Mod code	Field installed Catalog number
 3RW5980-OCS00	 3RW5980-OCR00	PROFIBUS communication	General (3RE471), High (3RE472)	N01	3RW5950-0CH00
		Standard PROFINET communication	General (3RE471), High (3RE472)	N02	3RW5980-0CS00
		High Feature PROFINET communication	High (3RE472)	N03	3RW5980-0CP00
		Ethernet/IP communication	General (3RE471), High (3RE472)	N04	3RW5980-0CE00
		Modbus RTU communication	General (3RE471), High (3RE472)	N05	3RW5980-0CR00
		Modbus TCP communication	General (3RE471), High (3RE472)	N06	3RW5980-0CT00

Note:  30 mm devices with brushed aluminum legend plates. Pilot lights include LED bulbs.

Selection tables for 3RE47 factory modifications and accessories (continued)

Control relay – 2 NO and 2 NC (contacts are customer wired)

	Control voltage	Factory installed Mod code	Field installed Catalog number
	24 V AC	R22	3RH2122-1AB00
	120 V AC	R22	3RH2122-1AK60

Isolation contactor

	Oversized enclosure required	Factory installed Mod code
	Yes	K03

Emergency bypass starter with selector switch

	Oversized enclosure required	Factory installed Mod code
	Yes	K04

Thermistor motor protection

Performance level	Factory installed Mod code
Basic (3RE470) 24 V control only	V11
General (3RE471) Δ	V11
High (3RE472)	(Standard)

Lug kit

Description	Performance level	Field installed Catalog number
For connecting field installed power conductors to soft starter line / load busbars. Each kit includes three (3) lug assemblies.	3RE4713 and 3RE4723	3RE49030JAA
	3RE4714 and 3RE4724	3RE49030JAB
	3RE4725	3RE49030JAC

Failsafe – Safe torque Off

	Description	Performance Level	Factory installed Mod code
	Integrated fail-safe digital input for directly connecting the emergency stop, and thus covers SIL 1 STO applications	High (3RE472)	X01

Surge protective device – Type 2 100kA per phase

	Description	Oversized enclosure required	Factory installed Mod code
	Provides protection for electronic loads	Yes	S02

Space heater with thermostat

	Description	Factory installed Mod code
	Protects components within the enclosure from condensation when the unit is not running	E01

Special modification undefined

Description	Factory installed Mod code
Specify special modification within the order notes	Y00

More accessories for open soft starters

3RW40, see Industrial Controls Catalog, page 7/92

3RW52, see Industrial Controls Catalog, page 7/69

3RW55, see Industrial Controls Catalog, page 7/34

Note: ② Thermistor motor protection with 3RE471 is optional in lieu of standard analog output. Both thermistor motor protection and analog output together is not available.

Technical Data

The soft starters may be used in isolated supply networks (IT systems) up to 600 V AC. For long starting times it is recommended to have a PTC sensor or temperature switch in the motor.

This also applies for the ramp-down modes torque control, pump stop and DC braking, because during the ramp-down time in these modes, an additional current loading applies in contrast to free ramp-down. No capacitive elements are permitted in the motor feeder between the SIRIUS 3RW soft starter and the motor (e.g. no reactive-power compensation equipment). In addition, neither static systems for reactive-power compensation nor dynamic PFC (Power Factor Correction) must be operated in parallel during starting and ramp-down of the soft starter. This is important to prevent faults arising on the compensation equipment and/or the soft starter. Please observe the maximum starts per hour specified in the technical specifications.

When three-phase motors are switched on, voltage drops occur as a rule on starters of all types (direct-on-line starters, wye-delta starters, soft starters). The infeed transformer must always be sized such that the voltage dip when starting the motor remains within the permissible tolerance. If the infeed transformer is sized with only a small margin, it is best for the control voltage to be supplied from a separate circuit (independently of the main voltage) in order to avoid the potential switching off of the soft starter. For sizing soft starters, we recommend our Simulation Tool for Soft Starters (STS), see page 8. Recommended parameters for the initial commissioning of our soft starters are listed in every report of our Simulation Tool for Soft Starters (STS). In addition, our High Performance soft starters provide support by means of their commissioning wizards.

The rated operating temperature of the enclosed starter is 40 degree C (104 degree F) ambient to the outside of the enclosure. Consult with the Siemens Application Engineering group componentsae.ic@siemens.com if the ambient temperature for an application exceeds the rated temperature.

More Information

3RW open soft starters web page, <https://new.siemens.com/us/en/products/automation/industrial-controls/sirius/sirius-hybrid/3rw-soft-starter.html>

3RE47 enclosed soft starters web page, usa.siemens.com/3re47

Simulation Tool for Open Soft Starters (STS), see page 8

3RE47 enclosed soft starter Industry Online Support (SIOS) topic page
<https://support.industry.siemens.com/cs/ww/en/view/109812963>



Technical Data

Non-combination starter maximum starts per hour

3RE47 Cat No		Standard enclosure			Oversized enclosure		
		Max starts per hour @300 full rated current					
		10 SEC (CLASS 10E)	20 SEC (CLASS 20E)	30 SEC (CLASS 30E)	10 SEC (CLASS 10E)	20 SEC (CLASS 20E)	30 SEC (CLASS 30E)
Starter Cat No							
3RE47024	3RW4024	36	34	NA	36	34	NA
3RE47026	3RW4026	15	15	NA	15	15	NA
3RE47027	3RW4027	16	14	NA	16	14	NA
3RE47028	3RW4028	12	13	NA	12	13	NA
3RE47036	3RW4036	26	21	NA	26	21	NA
3RE47037	3RW4037	15	22	NA	15	22	NA
3RE47038	3RW4038	15	24	NA	15	24	NA
3RE47046	3RW4046	15	16	NA	15	16	NA
3RE47047	3RW4047	10	16	NA	10	16	NA
		Max starts per hour @350 full rated current					
3RE47113	3RW5213	13	7	NA	13	7	NA
3RE47114	3RW5214	13	7	NA	13	7	NA
3RE47115	3RW5215	13	7	NA	13	7	NA
3RE47116	3RW5216	13	7	NA	13	7	NA
3RE47117	3RW5217	13	7	NA	13	7	NA
3RE47213	3RW5513	13	7	4	13	7	4
3RE47214	3RW5514	13	7	4	13	7	4
3RE47215	3RW5515	13	7	4	13	7	4
3RE47216	3RW5516	13	7	4	13	7	4
3RE47217	3RW5517	13	7	4	13	7	4
3RE47124	3RW5224	13	7	NA	13	7	NA
3RE47125	3RW5225	13	4	NA	13	4	NA
3RE47126	3RW5226	13	3	NA	13	7	NA
3RE47127	3RW5227	10	5	NA	13	7	NA
3RE47224	3RW5524	13	7	4	13	7	4
3RE47225	3RW5525	13	7	4	13	7	4
3RE47226	3RW5526	5	3	2	13	7	4
3RE47227	3RW5527	13	7	4	13	7	4
3RE47134	3RW5234	8	7	NA	12	7	NA
3RE47135	3RW5235	5	3	NA	11	5	NA
3RE47136	3RW5236	3	2	NA	9	4	NA
3RE47234	3RW5534	10	7	4	13	7	4
3RE47235	3RW5535	6	4	4	12	6	4
3RE47236	3RW5536	4	4	3	10	5	3
3RE47143	3RW5243	5	2	NA	9	4	NA
3RE47144	3RW5244	4	2	NA	8	4	NA
3RE47145	3RW5245	3	2	NA	5	3	NA
3RE47146	3RW5246	6	3	NA	8	4	NA
3RE47147	3RW5247	5	2	NA	13	7	NA
3RE47148	3RW5248	11	7	NA	11	7	NA
3RE47243	3RW5543	6	3	2	10	5	3
3RE47244	3RW5544	5	3	2	9	4	3
3RE47245	3RW5545	2	2	1	6	3	2
3RE47246	3RW5546	6	3	2	9	5	3
3RE47247	3RW5547	6	3	2	13	7	4
3RE47248	3RW5548	2	7*	4	2	7*	4
3RE47252	3RW5552	13	7	4	13	7	4
3RE47253	3RW5553	13	6	4	13	7	4
3RE47254	3RW5554	10	4	3	10	6	4
3RE47256	3RW5556	6	3	2	9	4	3
3RE47258	3RW5558	6	7*	4	6	3	2

* Max starts at class 20E is greater than at class 10E. This is due to the derating of the starter current necessary to obtain class 20E.

For enclosed soft starters, the maximum starts per hour indicated in this table takes precedence over what may be indicated for the corresponding open soft starter. Consult with Siemens Application Engineering group @componentsae.ic@siemens.com if the maximum starts per hour for an application exceeds that indicated in this table.

Technical Data

Combination starter maximum starts per hour

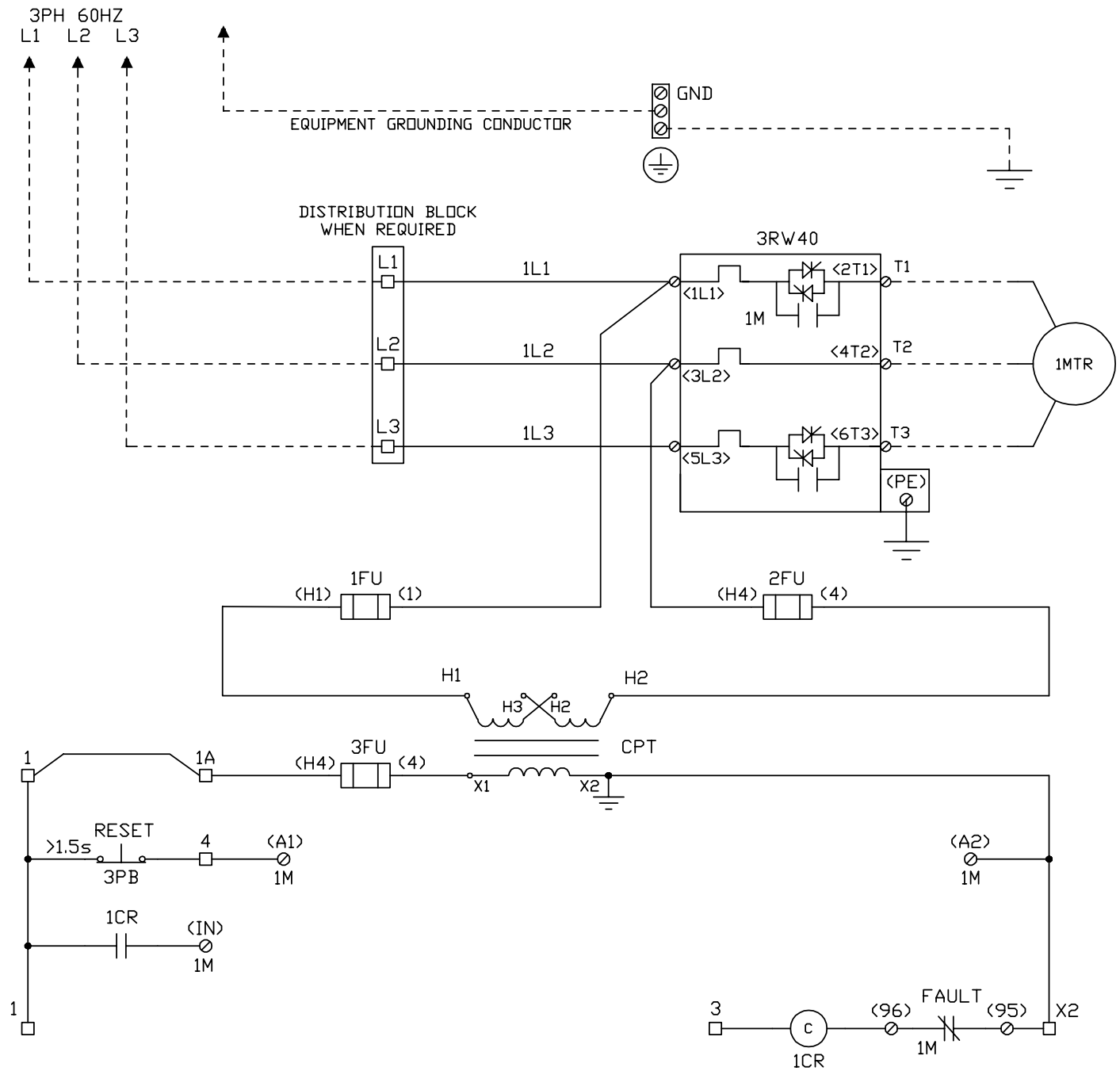
3RE47 Cat No	Starter Cat No	Standard enclosure			Oversized enclosure		
		Max starts per hour @300 full rated current					
		10 SEC (CLASS 10E)	20 SEC (CLASS 20E)	30 SEC (CLASS 30E)	10 SEC (CLASS 10E)	20 SEC (CLASS 20E)	30 SEC (CLASS 30E)
3RE47024	3RW4024	34	NA	NA	34	NA	NA
3RE47026	3RW4026	15	NA	NA	15	NA	NA
3RE47027	3RW4027	14	NA	NA	14	NA	NA
3RE47028	3RW4028	13	NA	NA	13	NA	NA
3RE47036	3RW4036	21	NA	NA	21	NA	NA
3RE47037	3RW4037	22	NA	NA	22	NA	NA
3RE47038	3RW4038	24	NA	NA	24	NA	NA
3RE47046	3RW4046	16	NA	NA	16	NA	NA
3RE47047	3RW4047	16	NA	NA	16	NA	NA
		Max starts per hour @350 full rated current					
3RE47113	3RW5213	13	7	NA	13	7	NA
3RE47114	3RW5214	13	7	NA	13	7	NA
3RE47115	3RW5215	13	7	NA	13	7	NA
3RE47116	3RW5216	13	7	NA	13	7	NA
3RE47117	3RW5217	13	7	NA	13	7	NA
3RE47213	3RW5513	13	7	4	13	7	4
3RE47214	3RW5514	13	7	4	13	7	4
3RE47215	3RW5515	13	7	4	13	7	4
3RE47216	3RW5516	13	7	4	13	7	4
3RE47217	3RW5517	13	7	4	13	7	4
3RE47124	3RW5224	13	7	NA	13	7	NA
3RE47125	3RW5225	13	4	NA	13	4	NA
3RE47126	3RW5226	13	7	NA	13	7	NA
3RE47127	3RW5227	13	7	NA	13	7	NA
3RE47224	3RW5524	13	7	4	13	7	4
3RE47225	3RW5525	13	7	4	13	7	4
3RE47226	3RW5526	13	7	4	13	7	4
3RE47227	3RW5527	13	7	4	13	7	4
3RE47134	3RW5234	13	7	NA	13	7	NA
3RE47135	3RW5235	7	3	NA	12	7	NA
3RE47136	3RW5236	4	2	NA	10	5	NA
3RE47234	3RW5534	13	7	4	13	7	4
3RE47235	3RW5535	7	4	3	13	7	4
3RE47236	3RW5536	5	3	2	11	5	4
3RE47143	3RW5243	8	4	NA	12	7	NA
3RE47144	3RW5244	6	3	NA	10	5	NA
3RE47145	3RW5245	5	2	NA	12	7	NA
3RE47146	3RW5246	13	7	NA	13	7	NA
3RE47147	3RW5247	13	7	NA	11	6	NA
3RE47148	3RW5248	11	7	NA	7	4	NA
3RE47243	3RW5543	8	5	3	13	7	4
3RE47244	3RW5544	7	3	2	11	5	3
3RE47245	3RW5545	6	3	2	13	7	4
3RE47246	3RW5546	13	7	4	13	7	4
3RE47247	3RW5547	13	7	4	11	6	4
3RE47248	3RW5548	2	7*	4	2	4*	2
3RE47252	3RW5552	11	6	4	13	7	4
3RE47253	3RW5553	11	6	4	13	7	4
3RE47254	3RW5554	8	4	3	10	6	4
3RE47256	3RW5556	6	3	2	9	4	3
3RE47258	3RW5558	6	7*	4	6	3	2

* Max starts at class 20E is greater than at class 10E. This is due to the derating of the starter current necessary to obtain class 20E.

For enclosed soft starters, the maximum starts per hour indicated in this table takes precedence over what may be indicated for the corresponding open soft starter. Consult with Siemens Application Engineering group @componentsae.ic@siemens.com if the maximum starts per hour for an application exceeds that indicated in this table.

Wiring Diagrams

3RE470 Non-Combination (no disconnect device)

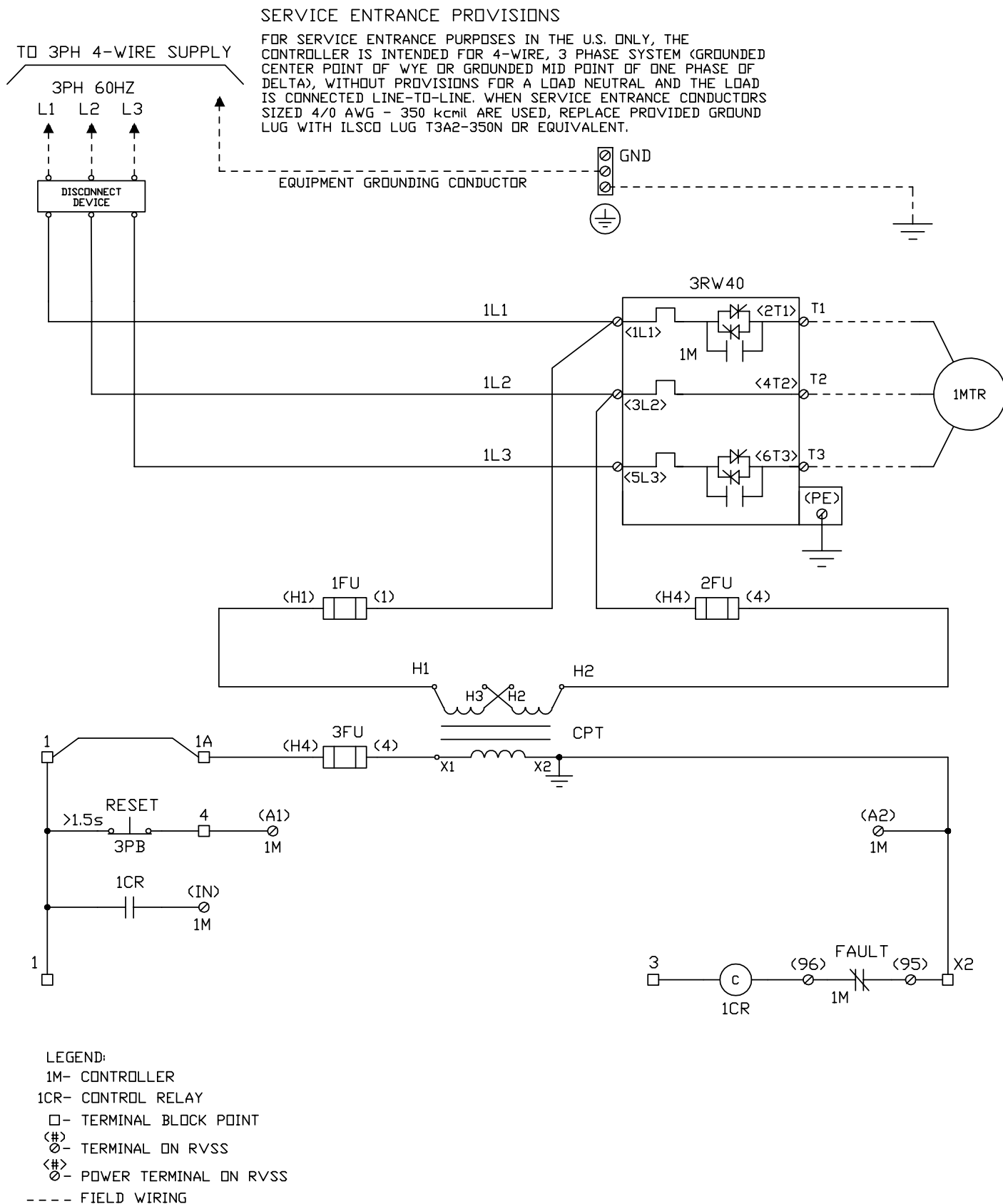


LEGEND:

- 1M- CONTROLLER
- 1CR- CONTROL RELAY
- TERMINAL BLOCK POINT
- <#>- TERMINAL ON RVSS
- <#>- POWER TERMINAL ON RVSS
- FIELD WIRING

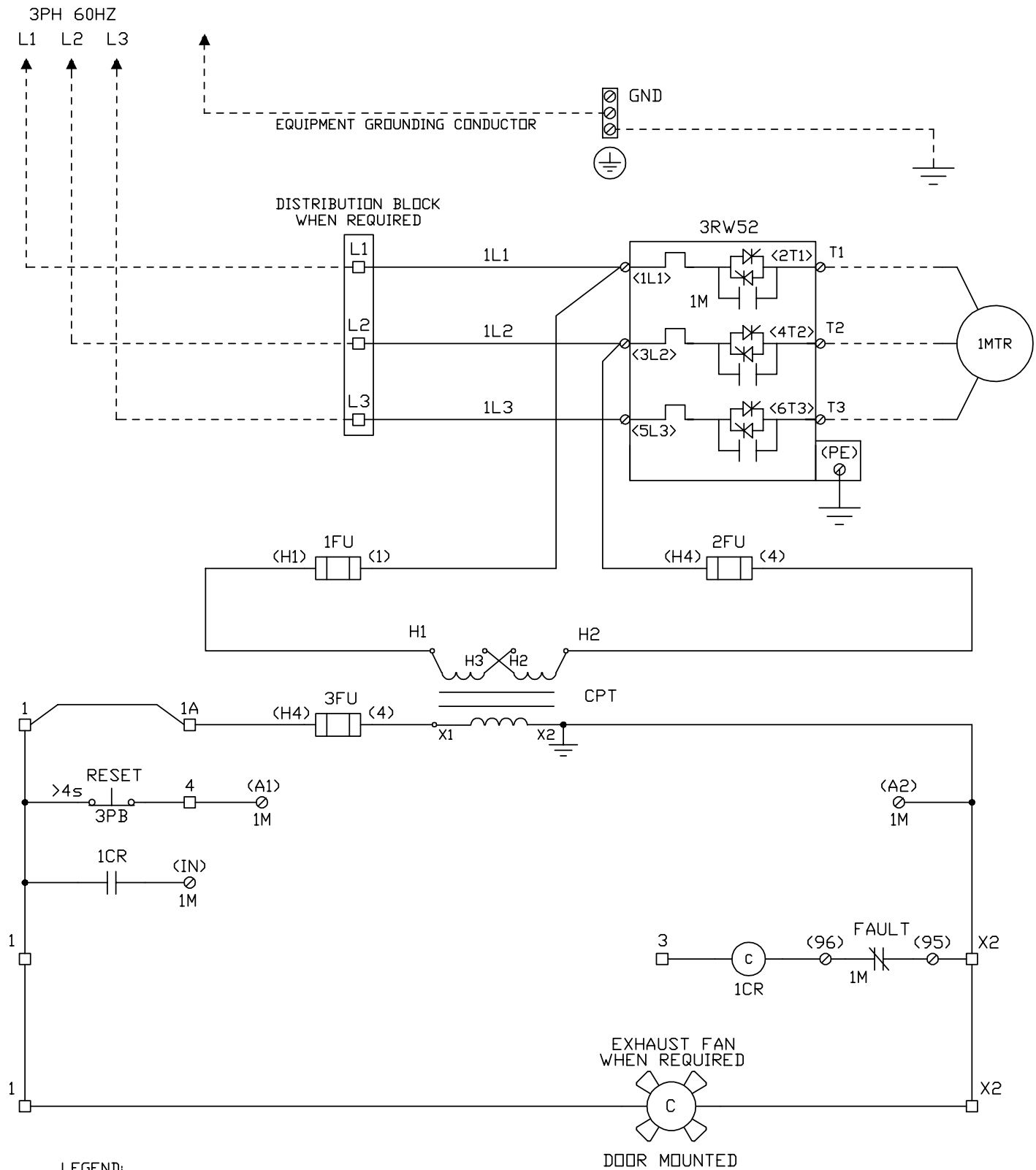
Wiring Diagrams

3RE470 Combination with disconnect device



Wiring Diagrams

3RE471 Non-Combination (no disconnect device)

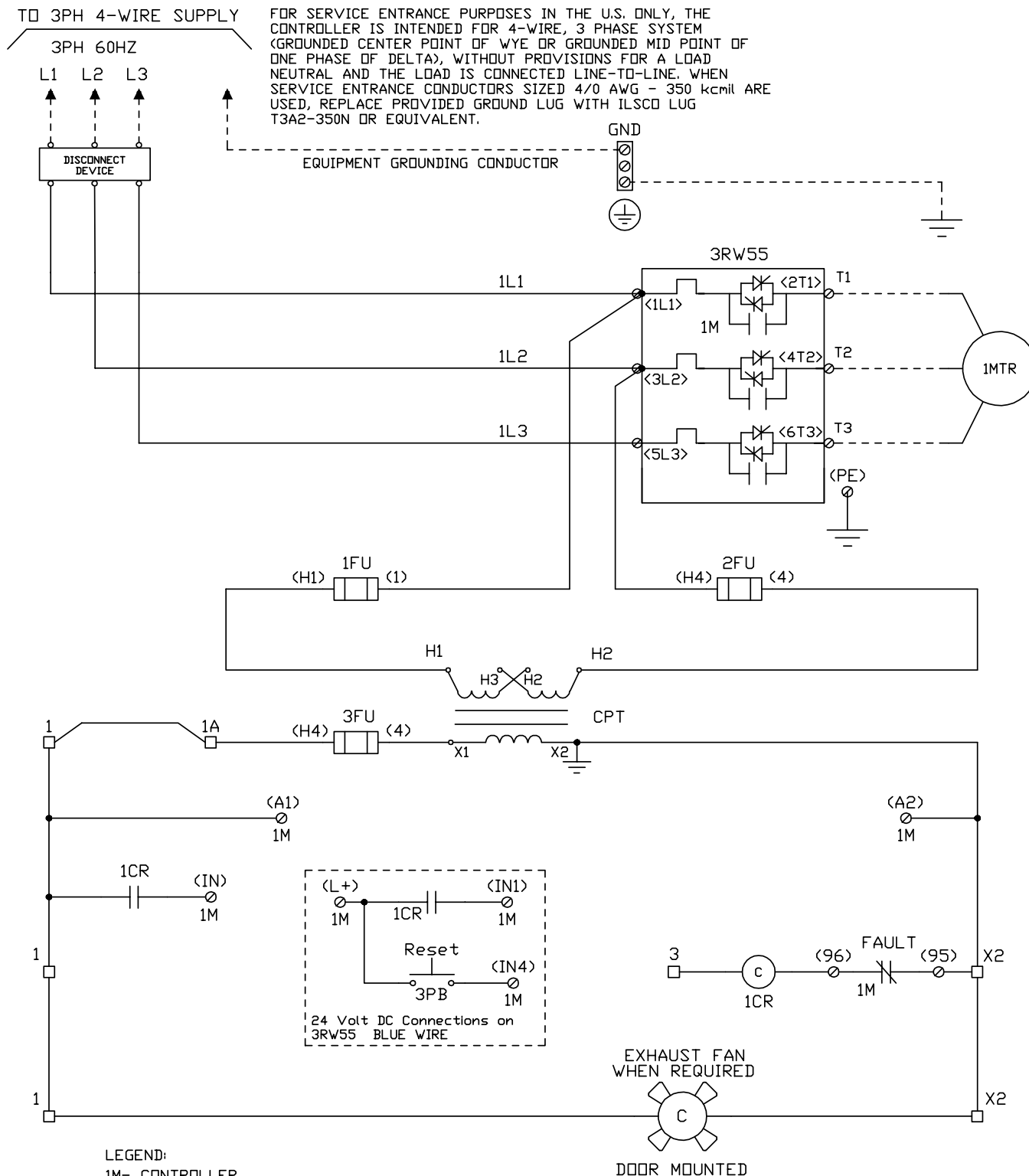


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Wiring Diagrams

3RE472 Combination with disconnect device

OPTIONAL SERVICE ENTRANCE PROVISIONS



- LEGEND:
- 1M- CONTROLLER
 - 1CR- CONTROL RELAY
 - TERMINAL BLOCK POINT
 - <#>- TERMINAL ON RVSS
 - <#>- POWER TERMINAL ON RVSS
 - FIELD WIRING

Dimension Diagrams

FIGURE 1

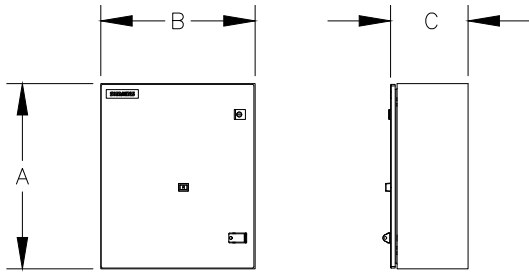
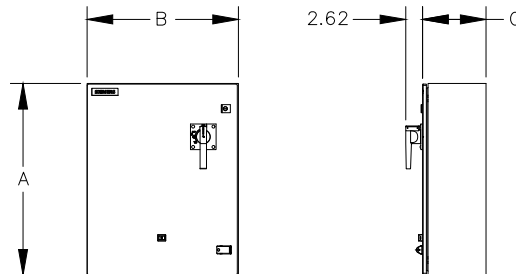


FIGURE 2



3RE47 with 3RW40 open starters NEMA 1, 12, 3R and 4

Catalog number	Standard enclosure				Oversized enclosure			
	FIG	A	B	C	FIG	A	B	C
Non-Combination Starter								
3RE47024	1	24	20	10	1	30	24	10
3RE47026	1	24	20	10	1	30	24	10
3RE47027	1	24	20	10	1	30	24	10
3RE47028	1	24	20	10	1	30	24	10
3RE47036	1	30	24	10	1	36	30	10
3RE47037	1	30	24	10	1	36	30	10
3RE47038	1	30	24	10	1	36	30	10
3RE47046	1	30	24	10	1	36	30	10
Combination Starter								
3RE47024	2	30	24	10	2	36	30	10
3RE47026	2	30	24	10	2	36	30	10
3RE47027	2	30	24	10	2	36	30	10
3RE47028	2	30	24	10	2	36	30	10
3RE47036	2	30	24	10	2	36	30	10
3RE47037	2	30	24	10	2	36	30	10
3RE47038	2	30	24	10	2	36	30	10
3RE47046	2	30	24	10	2	36	30	10
3RE47047	2	36	30	10	2	42	36	10

3RE47 with 3RW40 open starters NEMA 4X stainless steel

Catalog number	Standard enclosure				Oversized enclosure			
	FIG	A	B	C	FIG	A	B	C
Non-Combination Starter								
3RE47024	1	24	20	10	1	30	24	10
3RE47026	1	24	20	10	1	30	24	10
3RE47027	1	24	20	10	1	30	24	10
3RE47028	1	24	20	10	1	30	24	10
3RE47036	1	30	24	10	1	36	30	12
3RE47037	1	30	24	10	1	36	30	12
3RE47038	1	30	24	10	1	36	30	12
3RE47046	1	30	24	10	1	36	30	12
Combination Starter								
3RE47024	2	30	24	10	2	36	30	12
3RE47026	2	30	24	10	2	36	30	12
3RE47027	2	30	24	10	2	36	30	12
3RE47028	2	30	24	10	2	36	30	12
3RE47036	2	30	24	10	2	36	30	12
3RE47037	2	30	24	10	2	36	30	12
3RE47038	2	36	30	12	2	42	36	12
3RE47046	2	36	30	12	2	42	36	12
3RE47047	2	36	30	12	2	42	36	10

3RE47 with 3RW52 & 3RW55 open starters NEMA 1, 12, 3R and 4

Catalog number	Standard enclosure				Oversized enclosure			
	FIG	A	B	C	FIG	A	B	C
Non-Combination Starter								
3RE47113/3RE47213	1	24	20	10	1	30	24	10
3RE47114/3RE47214	1	24	20	10	1	30	24	10
3RE47115/3RE47215	1	24	20	10	1	30	24	10
3RE47116/3RE47216	1	24	20	10	1	30	24	10
3RE47117/3RE47217	1	24	20	10	1	30	24	10
3RE47124/3RE47224	1	24	20	10	1	30	24	10
3RE47125/3RE47225	1	24	20	10	1	30	24	10
3RE47126/3RE47226	1	24	20	10	1	30	24	10
3RE47127/3RE47227	1	30	24	10	1	36	30	10
3RE47134/3RE47234	1	30	24	10	1	36	30	10
3RE47135/3RE47235	1	30	24	10	1	36	30	10
3RE47136/3RE47236	1	30	24	10	1	36	30	10

3RE47 with 3RW52 & 3RW55 open starters NEMA 4X stainless steel

Catalog number	Standard enclosure				Oversized enclosure			
	FIG	A	B	C	FIG	A	B	C
Non-Combination Starter								
3RE47113/3RE47213	1	24	20	10	1	30	24	10
3RE47114/3RE47214	1	24	20	10	1	30	24	10
3RE47115/3RE47215	1	24	20	10	1	30	24	10
3RE47116/3RE47216	1	24	20	10	1	30	24	10
3RE47117/3RE47217	1	24	20	10	1	30	24	10
3RE47124/3RE47224	1	30	24	10	1	36	30	12
3RE47125/3RE47225	1	30	24	10	1	36	30	12
3RE47126/3RE47226	1	36	30	12	1	42	36	12
3RE47127/3RE47227	1	36	30	12	1	42	36	12
3RE47134/3RE47234	1	36	30	12	1	42	36	12
3RE47135/3RE47235	1	36	30	12	1	42	36	12
3RE47136/3RE47236	1	42	36	12	1	60	36	12

Dimension Diagrams

FIGURE 1

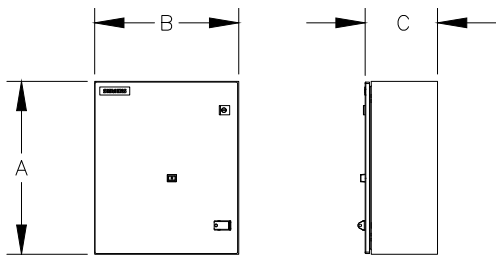


FIGURE 2

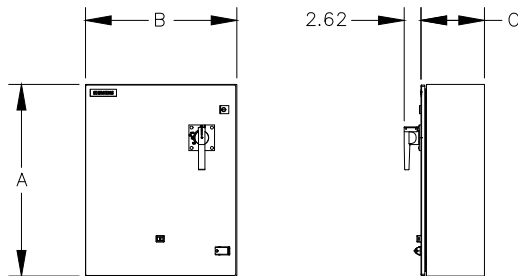


FIGURE 3

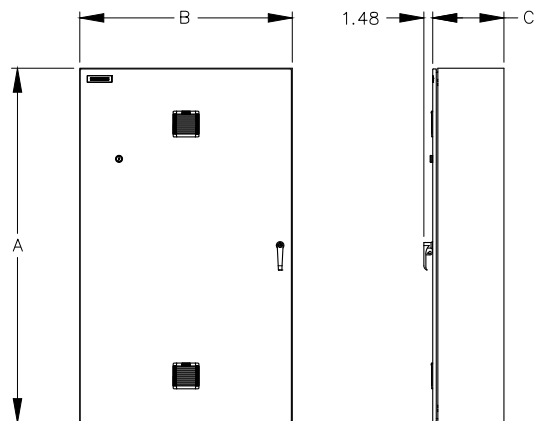
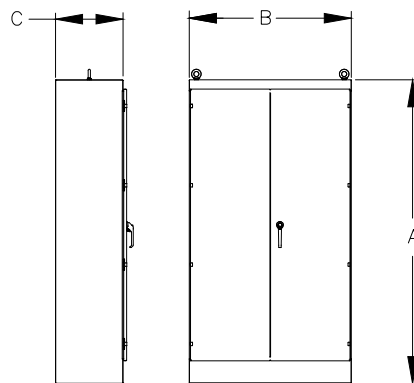


FIGURE 7



3RE47 with 3RW52 & 3RW55 open starters NEMA 1, 12, 3R and 4

Catalog number	Standard enclosure				Oversized enclosure			
	FIG	A	B	C	FIG	A	B	C
Combination Starter								
3RE47113/3RE47213	2	30	24	10	2	36	30	10
3RE47114/3RE47214	2	30	24	10	2	36	30	10
3RE47115/3RE47215	2	30	24	10	2	36	30	10
3RE47116/3RE47216	2	30	24	10	2	36	30	10
3RE47117/3RE47217	2	30	24	10	2	36	30	10
3RE47124/3RE47224	2	36	30	10	2	42	36	10
3RE47125/3RE47225	2	36	30	10	2	42	36	10
3RE47126/3RE47226	2	36	30	10	2	42	36	10
3RE47127/3RE47227	2	36	30	10	2	42	36	10
3RE47134/3RE47234	2	36	30	10	2	42	36	10
3RE47135/3RE47235	2	36	30	10	2	42	36	10
3RE47136/3RE47236	2	36	30	10	2	42	36	10

3RE47 with 3RW52 & 3RW55 open starters NEMA 4X stainless steel

Catalog number	Standard enclosure				Oversized enclosure			
	FIG	A	B	C	FIG	A	B	C
Combination Starter								
3RE47113/3RE47213	2	30	24	10	2	36	30	12
3RE47114/3RE47214	2	30	24	10	2	36	30	12
3RE47115/3RE47215	2	30	24	10	2	36	30	12
3RE47116/3RE47216	2	30	24	10	2	36	30	12
3RE47117/3RE47217	2	30	24	10	2	36	30	12
3RE47124/3RE47224	2	36	30	12	2	42	36	12
3RE47125/3RE47225	2	36	30	12	2	42	36	12
3RE47126/3RE47226	2	36	30	12	2	42	36	12
3RE47127/3RE47227	2	36	30	12	2	42	36	12
3RE47134/3RE47234	2	42	36	12	2	60	36	12
3RE47135/3RE47235	2	42	36	12	2	60	36	12
3RE47136/3RE47236	2	60	36	12	2	72	30	24

3RE47 with 3RW52 & 3RW55 open starters NEMA 1 & 12

Catalog number	Standard enclosure				Oversized enclosure			
	FIG	A	B	C	FIG	A	B	C
Non Combination Starter								
3RE47143/3RE47243	1	36	30	10	1	42	36	12
3RE47144/3RE47244	1	36	30	10	1	42	36	12
3RE47145/3RE47245	1	36	30	10	1	42	36	12
3RE47146/3RE47246	1	60	36	12	1	60	36	12
3RE47147/3RE47247	1	60	36	12	7	90	36	24
3RE48148/3RE48248	3	60	36	12	7	90	36	24

3RE47 with 3RW52 & 3RW55 open starters NEMA 3R & 4

Catalog number	Standard enclosure				Oversized enclosure			
	FIG	A	B	C	FIG	A	B	C
Non Combination Starter								
3RE47143/3RE47243	1	36	30	10	1	42	36	12
3RE47144/3RE47244	1	36	30	10	1	42	36	12
3RE47145/3RE47245	1	36	30	10	1	42	36	12
3RE47146/3RE47246	1	48	36	12	1	60	36	12
3RE47147/3RE47247	1	60	36	12	7	90	36	24
3RE48148/3RE48248	7	90	36	24	7	90	48	20

Dimension Diagrams

FIGURE 1

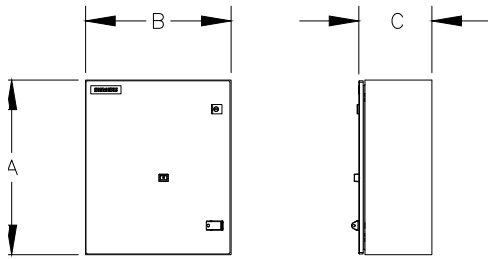


FIGURE 2

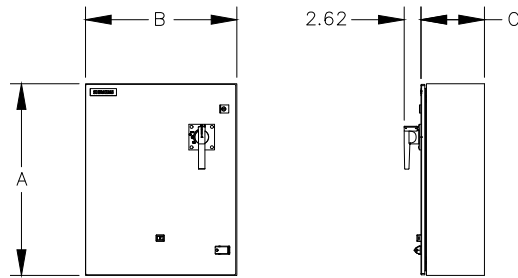


FIGURE 4

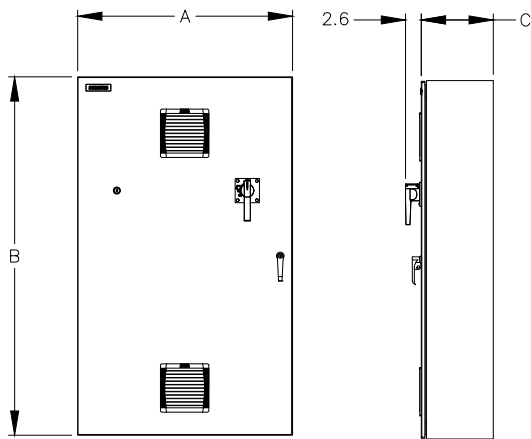


FIGURE 7

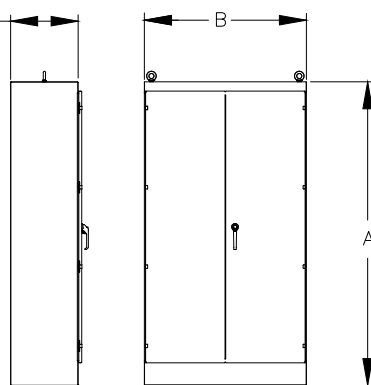
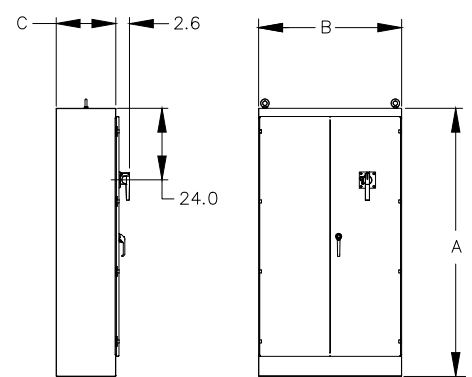


FIGURE 8



3RE47 with 3RW52 & 3RW55 open starters NEMA 4X stainless steel

Catalog number	Standard enclosure				Oversized enclosure			
	FIG	A	B	C	FIG	A	B	C
Non Combination Starter								
3RE47143/3RE47243	1	60	36	12	7	72	30	24
3RE47144/3RE47244	1	60	36	12	7	72	30	24
3RE47145/3RE47245	7	71	30	24	7	90	36	20
3RE47146/3RE47246	7	90	36	20	7	90	48	20
3RE47147/3RE47247	7	90	36	20	7	90	48	20
3RE48148/3RE48248	7	90	36	20	7	90	48	20

3RE47 with 3RW52 & 3RW55 open starters NEMA 1 & 12

Catalog number	Standard enclosure				Oversized enclosure			
	FIG	A	B	C	FIG	A	B	C
Combination Starter								
3RE47143/3RE47243	2	48	36	12	2	60	36	12
3RE47144/3RE47244	2	48	36	12	2	60	36	12
3RE47145/3RE47245	2	60	36	12	8	90	36	24
3RE47146/3RE47246	4	48	36	12	8	90	36	24
3RE47147/3RE47247	4	60	36	12	8	90	36	24
3RE48148/3RE48248	4	60	36	12	8	90	36	24

Dimension Diagrams

FIGURE 2

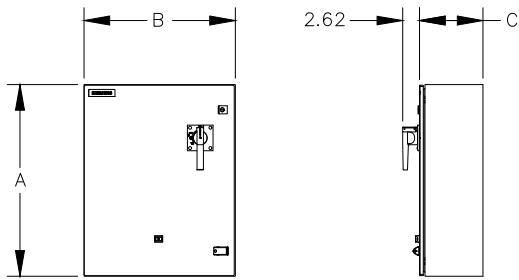


FIGURE 7

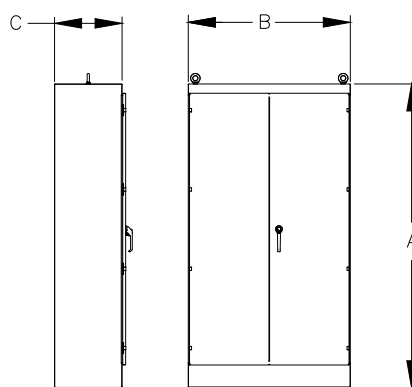


FIGURE 8

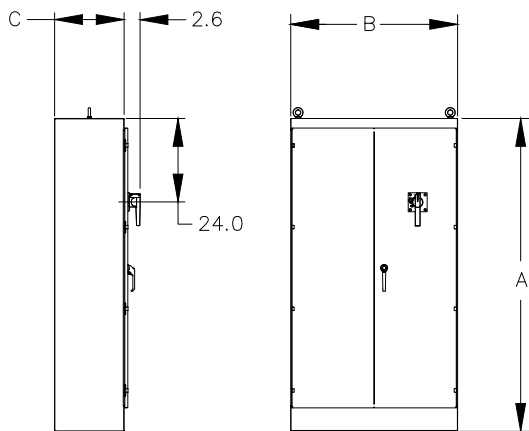
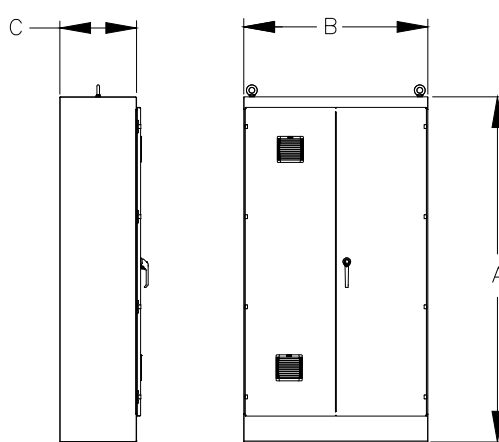


FIGURE 9



3RE47 with 3RW52 & 3RW55 open starters NEMA 3R & 4

Catalog number	Standard enclosure				Oversized enclosure			
	FIG	A	B	C	FIG	A	B	C
Combination Starter								
3RE47143/3RE47243	2	48	36	12	2	60	36	12
3RE47144/3RE47244	2	48	36	12	2	60	36	12
3RE47145/3RE47245	2	60	36	12	8	90	36	24
3RE47146/3RE47246	8	90	36	24	8	90	48	20
3RE47147/3RE47247	8	90	36	24	8	90	48	20
3RE48148/3RE48248	8	90	36	24	8	90	48	20

3RE47 with 3RW52 & 3RW55 open starters NEMA 4X stainless steel

Catalog number	Standard enclosure				Oversized enclosure			
	FIG	A	B	C	FIG	A	B	C
Combination Starter								
3RE47143/3RE47243	8	71	30	24	8	90	36	20
3RE47144/3RE47244	8	90	36	20	8	90	48	20
3RE47145/3RE47245	8	90	36	20	8	90	48	20
3RE47146/3RE47246	8	90	36	20	8	90	48	20
3RE47147/3RE47247	8	90	48	20	8	90	72	20
3RE48148/3RE48248	8	90	48	20	8	90	72	20

3RE47 with 3RW55 open starters NEMA 1 & 12

Catalog number	Standard enclosure				Oversized enclosure			
	FIG	A	B	C	FIG	A	B	C
Non-Combination Starter								
3RE47252	7	90	48	20	7	90	60	20
3RE47253	7	90	48	20	7	90	60	20
3RE47254	7	90	48	20	7	90	60	20
3RE47256	7	90	48	20	7	90	60	20
3RE47258	9	90	48	20	7	90	60	20

Dimension Diagrams

FIGURE 5

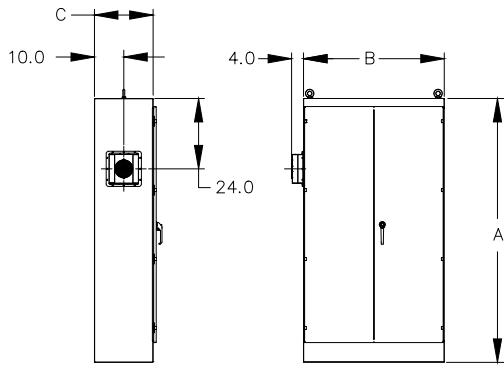


FIGURE 7

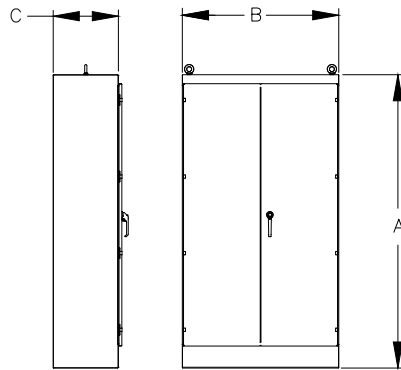


FIGURE 8

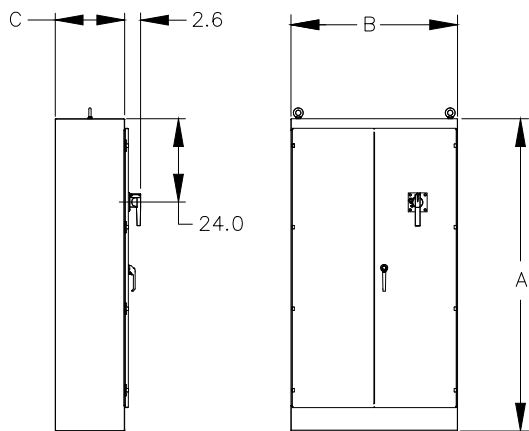
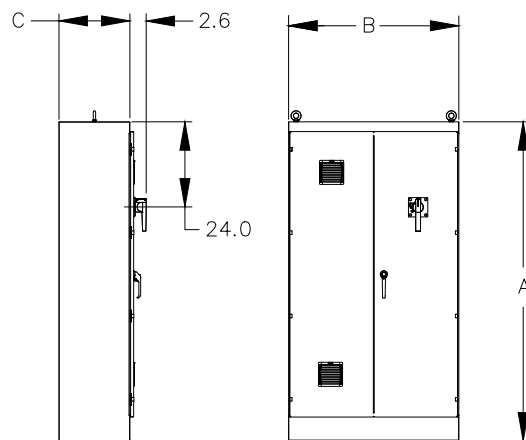


FIGURE 10



3RE47 with 3RW55 open starters NEMA 3R & 4

Catalog number	Standard enclosure				Oversized enclosure			
	FIG	A	B	C	FIG	A	B	C
Non-Combination Starter								
3RE47252	7	90	48	20	7	90	60	20
3RE47253	7	90	48	20	7	90	60	20
3RE47254	7	90	48	20	7	90	60	20
3RE47256	7	90	48	20	7	90	60	20
3RE47258	5	90	48	20	7	90	60	20

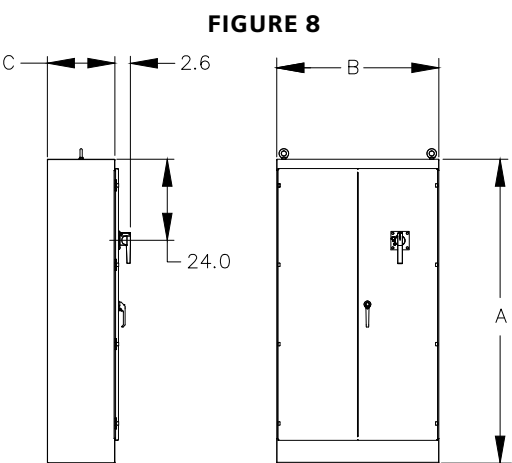
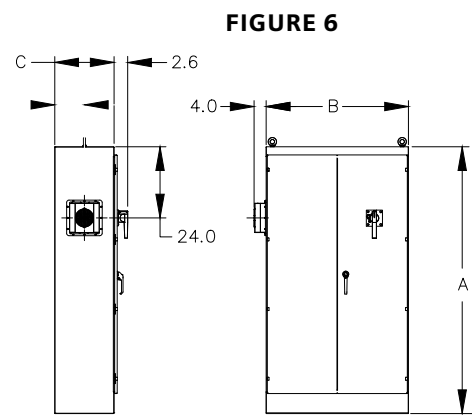
3RE47 with 3RW55 open starters NEMA 4X stainless steel

Catalog number	Standard enclosure				Oversized enclosure			
	FIG	A	B	C	FIG	A	B	C
Non-Combination Starter								
3RE47252	7	90	48	20	7	90	72	20
3RE47253	7	90	48	20	7	90	72	20
3RE47254	7	90	48	20	7	90	72	20
3RE47256	5	90	48	20	7	90	72	20
3RE47258	5	90	48	20	7	90	72	20

3RE47 with 3RW55 open starters NEMA 1 & 12

Catalog number	Standard enclosure				Oversized enclosure			
	FIG	A	B	C	FIG	A	B	C
Combination Starter								
3RE47252	8	90	48	20	8	90	60	20
3RE47253	8	90	48	20	8	90	60	20
3RE47254	8	90	48	20	8	90	60	20
3RE47256	8	90	48	20	8	90	60	20
3RE47258	10	90	48	20	8	90	60	20

Dimension Diagrams



3RE47 with 3RW55 open starters
 NEMA 3R & 4

Catalog number	Standard enclosure				Oversized enclosure			
	FIG	A	B	C	FIG	A	B	C
Combination Starter								
3RE47252	8	90	48	20	8	90	60	20
3RE47253	8	90	48	20	8	90	60	20
3RE47254	8	90	48	20	8	90	60	20
3RE47256	8	90	48	20	8	90	60	20
3RE47258	6	90	48	20	8	90	60	20

3RE47 with 3RW55 open starters
 NEMA 4X stainless steel

Catalog number	Standard enclosure				Oversized enclosure			
	FIG	A	B	C	FIG	A	B	C
Combination Starter								
—	8	90	48	20	8	90	72	20
3RE47253	8	90	48	20	8	90	72	20
3RE47254	6	90	48	20	8	90	72	20
3RE47256	6	90	48	20	8	90	72	20
3RE47258	6	90	48	20	8	90	72	20

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