SIEMENS

Replacement Parts

January, 2022

E87010-A0538-T010-A4

Pump Controllers
3RE4801 and 3RE4811
87D and 87E

⚠ WARNING

Hazardous voltage.
Can cause death or serious injury.

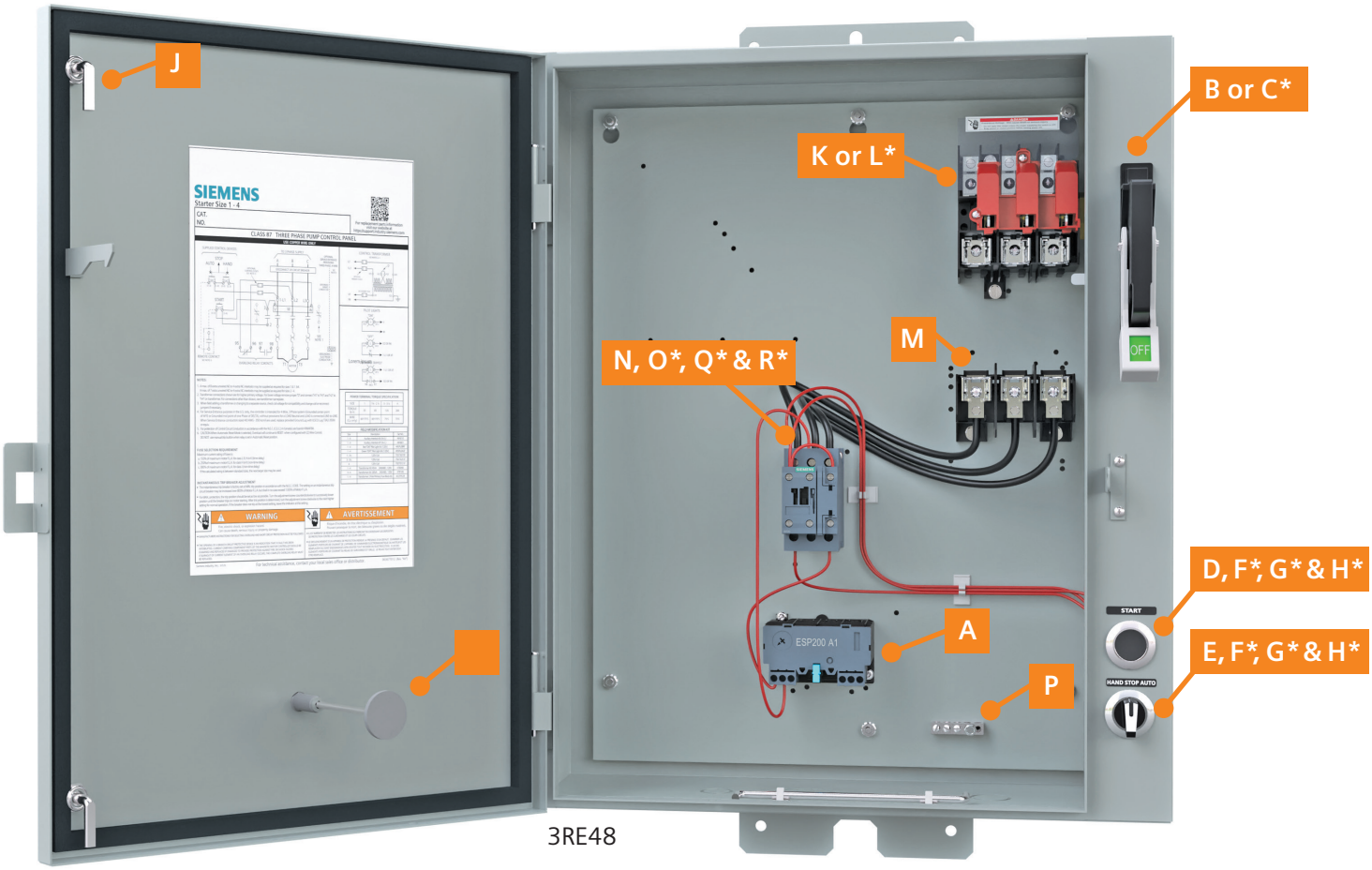
Disconnect main power and control voltages before installation or maintenance on this equipment.

IMPORTANT

THESE INSTRUCTIONS DO NOT PURPORT TO COVER ALL DETAILS OR VARIATIONS IN EQUIPMENT, NOR TO PROVIDE FOR EVERY POSSIBLE CONTINGENCY TO BE MET IN CONNECTION WITH INSTALLATION, OPERATION OR MAINTENANCE. SHOULD FURTHER INFORMATION BE DESIRED OR SHOULD PARTICULAR PROBLEMS ARISE WHICH ARE NOT COVERED SUFFICIENTLY FOR THE PURCHASER'S PURPOSES, THE MATTER SHOULD BE REFERRED TO THE LOCAL SIEMENS SALES OFFICE. THE CONTENTS OF THIS INSTRUCTION MANUAL SHALL NOT BECOME PART OF OR MODIFY ANY PRIOR OR EXISTING AGREEMENT, COMMITMENT OR RELATIONSHIP. THE SALES CONTRACT CONTAINS THE ENTIRE OBLIGATION OF SIEMENS. THE WARRANTY CONTAINED IN THE CONTRACT BETWEEN PARTIES IS THE SOLE WARRANTY OF SIEMENS. ANY STATEMENTS CONTAINED HEREIN DO NOT CREATE NEW WARRANTIES OR MODIFY THE EXISTING WARRANTY.



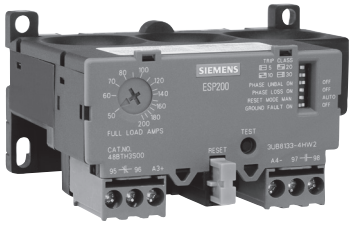
Class 87



3RE48

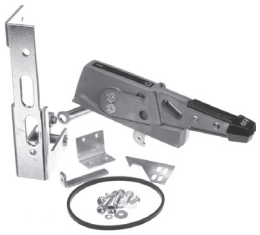
NOTE: Image is representative and may not depict the actual product.
* Not shown.

A – Overload relay



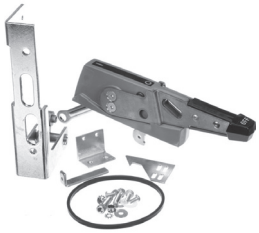
Pump Controller	Replacement Part
3RE48010GG*64CA0	3UB81234CW2
3RE48010GG*64DA0	3UB81234DW2
3RE48010GG*64EA0	3UB81234EW2
3RE48010GH*64BA0	3UB81134BB2
3RE48010GH*64CA0	3UB81234CW2
3RE48010GH*64DA0	3UB81234DW2
3RE48010GJ*64EA0	3UB81234EW2
3RE48010GK*64DA0	3UB81234DW2
3RE48110GG*64BA0	3UB81134BB2
3RE48110GH*64CA0	3UB81234CW2
3RE48110GJ*64DA0	3UB81234DW2
3RE48110GK*64EA0	3UB81234EW2
87DUB6F*	3UB81134BB2
87DUB6M*	3UB81134BB2
87DUC6F*	3UB81234CW2
87DUC6L*	3UB81234CW2
87DUC6M*	3UB81234CW2
87DUD60*	3UB81234DW2
87DUD6F*	3UB81234DW2
87DUD6L*	3UB81234DW2
87DUD6M*	3UB81234DW2
87DUE6L*	3UB81234EW2
87DUE6M*	3UB81234EW2
87DUE6P*	3UB81234EW2
87EUE60*	3UB81234EW2
87EUE6F*	3UB81234EW2
87EUE6L*	3UB81234EW2
87EUE6M*	3UB81234EW2

B – Disconnect handle assembly only



Pump Controller	Replacement Part
3RE48010GG*64CA0	75D73944015
3RE48010GG*64DA0	75D73944015
3RE48010GG*64EA0	75D73944015
3RE48010GH*64BA0	75D73944015
3RE48010GH*64CA0	75D73944015
3RE48010GH*64DA0	75D73944015
3RE48010GJ*64EA0	75D73944015
3RE48010GK*64DA0	75D73944015
3RE48110GG*64BA0	75D73944025
3RE48110GH*64CA0	75D73944025
3RE48110GJ*64DA0	75D73944025
3RE48110GK*64EA0	75D73944025
87DUB6F*	75D73944015
87DUB6M*	75D73944025
87DUC6F*	75D73944015
87DUC6L*	75D73944015
87DUC6M*	75D73944025
87DUD60*	75D73944015
87DUD6F*	75D73944015
87DUD6L*	75D73944015
87DUD6M*	75D73944025
87DUE6L*	75D73944015
87DUE6M*	75D73944025
87DUE6P*	75D73944015
87EUE60*	75D73944015
87EUE6F*	75D73944015
87EUE6L*	75D73944015
87EUE6M*	75D73944025

C – Disconnect handle assembly and disconnect mechanism



Pump Controller	Replacement Part
3RE48010GG*64CA0	75D68257103
3RE48010GG*64DA0	75D68257103
3RE48010GG*64EA0	75D68257103
3RE48010GH*64BA0	75D68257103
3RE48010GH*64CA0	75D68257103
3RE48010GH*64DA0	75D68257103
3RE48010GJ*64EA0	75D68257103
3RE48010GK*64DA0	75D68257103
3RE48110GG*64BA0	75D68257074
3RE48110GH*64CA0	75D68257074
3RE48110GJ*64DA0	75D68257074
3RE48110GK*64EA0	75D68257074
87DUB6F*	75D68257103
87DUB6M*	75D68257080
87DUC6F*	75D68257103
87DUC6L*	75D68257103
87DUC6M*	75D68257080
87DUD60*	75D68257103
87DUD6F*	75D68257103
87DUD6L*	75D68257103
87DUD6M*	75D68257080
87DUE6L*	75D68257103
87DUE6M*	75D68257080
87DUE6P*	75D68257103
87EUE60*	75D68257103
87EUE6F*	75D68257103
87EUE6L*	75D68257103
87EUE6M*	75D68257080

Notes:
Images are representative and may not depict the actual part.

The character placeholder (*) found in each pump controller and contactor catalog number represent the coil voltage code.

D – Start push button actuator

Replacement part 3SU10600JB100AA0
(Applies to all pump controllers.)



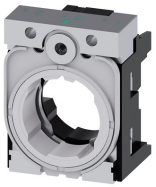
E – HOA selector switch actuator

Replacement part 3SU10622DL600AA0
(Applies to all pump controllers.)



F – Module holder for selector switch and push button

Replacement part 3SU15500AA100AA0
(Applies to all pump controllers.)



G – N.O. contact module for selector

Replacement part 3SU14001AA101BA0
(Applies to all pump controllers.)



H – Contact module plate for selector

Replacement part 3SU19000AY610AA0
(Applies to all pump controllers.)

I – Overload relay reset operator

Replacement part 49MARB
(Applies to all pump controllers.)



J – Enclosure quarter-turn latch

Replacement part 75D46260004
(Applies to all pump controllers.)



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K – Switch block assembly with fuse clips



Pump Controller	Replacement Part
3RE48010GG*64CA0	HBB21
3RE48010GG*64DA0	HBB21
3RE48010GG*64EA0	HBB21
3RE48010GH*64BA0	HBB612
3RE48010GH*64CA0	HBB612
3RE48010GH*64DA0	HBB612
3RE48010GJ*64EA0	HBB22
3RE48010GK*64DA0	HBB62
3RE48110GG*64BA0	NA
3RE48110GH*64CA0	NA
3RE48110GJ*64DA0	NA
3RE48110GK*64EA0	NA
87DUB6F*	HFB612
87DUB6M*	NA
87DUC6F*	HFB612
87DUC6L*	HFB21
87DUC6M*	NA
87DUD60*	HFB62
87DUD6F*	HFB612
87DUD6L*	HFB21
87DUD6M*	NA
87DUE6L*	HFB21
87DUE6M*	NA
87DUE6P*	HFB22
87EUE60*	HFB62
87EUE6F*	HFB612
87EUE6L*	HFB22
87EUE6M*	NA

L – Motor circuit protector



Pump Controller	Replacement Part
3RE48010GG*64CA0	NA
3RE48010GG*64DA0	NA
3RE48010GG*64EA0	NA
3RE48010GH*64BA0	NA
3RE48010GH*64CA0	NA
3RE48010GH*64DA0	NA
3RE48010GJ*64EA0	NA
3RE48010GK*64DA0	NA
3RE48110GG*64BA0	ED63A003
3RE48110GH*64CA0	ED63A010
3RE48110GJ*64DA0	ED63A025
3RE48110GK*64EA0	ED63A030
87DUB6F*	NA
87DUB6M*	ED63A003
87DUC6F*	NA
87DUC6L*	NA
87DUC6M*	ED63A010
87DUD60*	NA
87DUD6F*	NA
87DUD6L*	NA
87DUD6M*	ED63A025
87DUE6L*	NA
87DUE6M*	ED63A030
87DUE6P*	NA
87EUE60*	NA
87EUE6F*	NA
87EUE6L*	NA
87EUE6M*	ED63A040

M – Load base assembly

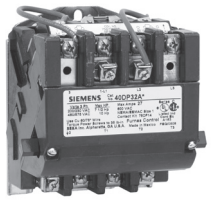


Pump Controller	Replacement Part
3RE48010GG*64CA0	HFB21
3RE48010GG*64DA0	HFB21
3RE48010GG*64EA0	HFB21
3RE48010GH*64BA0	HFB612
3RE48010GH*64CA0	HFB612
3RE48010GH*64DA0	HFB612
3RE48010GJ*64EA0	HFB22
3RE48010GK*64DA0	HFB62
3RE48110GG*64BA0	NA
3RE48110GH*64CA0	NA
3RE48110GJ*64DA0	NA
3RE48110GK*64EA0	NA
87DUB6F*	HBB612
87DUB6M*	NA
87DUC6F*	HBB612
87DUC6L*	HBB21
87DUC6M*	NA
87DUD60*	HBB62
87DUD6F*	HBB612
87DUD6L*	HBB21
87DUD6M*	NA
87DUE6L*	HBB21
87DUE6M*	NA
87DUE6P*	HBB22
87EUE60*	HBB62
87EUE6F*	HBB612
87EUE6L*	HBB22
87EUE6M*	NA

Notes:
Images are representative and may not depict the actual part.

The character placeholder (*) found in each pump controller and contactor catalog number represent the coil voltage code.

N – Contactor (Class 87 only)



Pump Controller	Replacement Part
87DUB6F*	40DP32A*
87DUB6M*	40DP32A*
87DUC6F*	40DP32A*
87DUC6L*	40DP32A*
87DUC6M*	40DP32A*
87DUD60*	40DP32A*
87DUD6F*	40DP32A*
87DUD6L*	40DP32A*
87DUD6M*	40DP32A*
87DUE6L*	40DP32A*
87DUE6M*	40DP32A*
87DUE6P*	40DP32A*
87EUE60*	40EP32A*
87EUE6F*	40EP32A*
87EUE6L*	40EP32A*
87EUE6M*	40EP32A*

The contactor catalog number as shown is incomplete. To complete it, replace the (*) in the contactor catalog number with the character located in the (*) character position of the pump controller. For example, the replacement contactor for pump controller 87DUD6F**C** is 40DP32A**C**.

N – Contactor (3RE48 only)



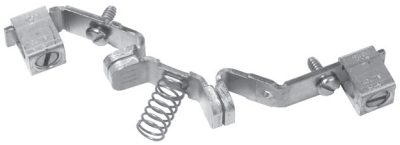
Pump Controller	Replacement Part
3RE48010GG*64CA0	3RT20271A##00UA0
3RE48010GG*64DA0	3RT20271A##00UA0
3RE48010GG*64EA0	3RT20271A##00UA0
3RE48010GH*64BA0	3RT20271A##00UA0
3RE48010GH*64CA0	3RT20271A##00UA0
3RE48010GH*64DA0	3RT20271A##00UA0
3RE48010GJ*64EA0	3RT20271A##00UA0
3RE48010GK*64DA0	3RT20271A##00UA0
3RE48110GG*64BA0	3RT20271A##00UA0
3RE48110GH*64CA0	3RT20271A##00UA0
3RE48110GJ*64DA0	3RT20271A##00UA0
3RE48110GK*64EA0	3RT20271A##00UA0

The contactor catalog number as shown is incomplete. To complete it, replace the (##) in the contactor catalog number with the (##) characters that correspond to the (*) number of the pump controller per the table below. For example, the replacement contactor for pump controller 3RE48010GG**3**64CA0 is 3RT20271A**K6**00UA0.

(*)	(##)
3	K6
4	M2
5	P6
7	V6
8	T6

O – 1 NO internal auxiliary contact (Class 87 only)

Replacement part 75AF14



P – Ground bar

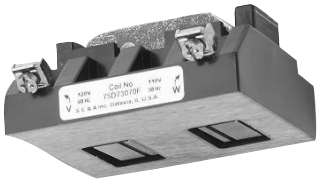
Replacement part 75R500584A00 (Applies to all pump controllers.)



Notes:
Images are representative and may not depict the actual part.

The character placeholder (*) found in each pump controller and contactor catalog number represent the coil voltage code.

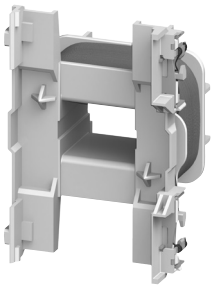
Q – Contactor coil (Class 87 only)



Coil Code (*)	Volts AC 60 Hz	Replacement Part
J	24	75D73070J
F	120	75D73070F
A	110–120/220–240	75D73070A
D	208	75D73070D
G	220–240	75D73070G
L	277	75D73070L
C	220–240/440–480	75D73070C
H	440–480	75D73070H
E	575–600	75D73070E

The contactor coil voltage code is located in the (*) character position of the pump controller. For example, the replacement contactor coil for pump controller 87DUD6F**C** is 75D73070**C**.

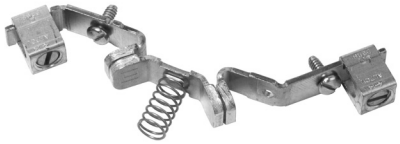
Q – Contactor coil (3RE48 only)



Coil Code (*)	Volts AC 60 Hz	Replacement Part
3	120	3RT29265AK61
4	208	3RT29265AN61
5	220–240	3RT29265AP61
7	440–480	3RT29265AV61
8	575–600	3RT29265AT61

The contactor coil voltage code is located in the (*) character position of the pump controller. For example, the replacement contactor coil for pump controller 3RE48010GG**3**64CA0 is 3RT29265AK61.

R – Contactor main contacts (one kit per pole)



Pump Controller	Replacement Part
3RE48010GG*64CA0	NA
3RE48010GG*64DA0	NA
3RE48010GG*64EA0	NA
3RE48010GH*64BA0	NA
3RE48010GH*64CA0	NA
3RE48010GH*64DA0	NA
3RE48010GJ*64EA0	NA
3RE48010GK*64DA0	NA
3RE48110GG*64BA0	NA
3RE48110GH*64CA0	NA
3RE48110GJ*64DA0	NA
3RE48110GK*64EA0	NA
87DUB6F*	75DF14
87DUB6M*	75DF14
87DUC6F*	75DF14
87DUC6L*	75DF14
87DUC6M*	75DF14
87DUD60*	75DF14
87DUD6F*	75DF14
87DUD6L*	75DF14
87DUD6M*	75DF14
87DUE6L*	75DF14
87DUE6M*	75DF14
87DUE6P*	75DF14
87EUE60*	75EF14
87EUE6F*	75EF14
87EUE6L*	75EF14
87EUE6M*	75EF14

Notes:
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The character placeholder (*) found in each pump controller and contactor catalog number represent the coil voltage code.