SIEMENS

Replacement Parts

October 2021
Supersedes February, 2020

E87010-A0541-T010-A4

Pump Controllers
3RE4804 and 3RE4814
87JU



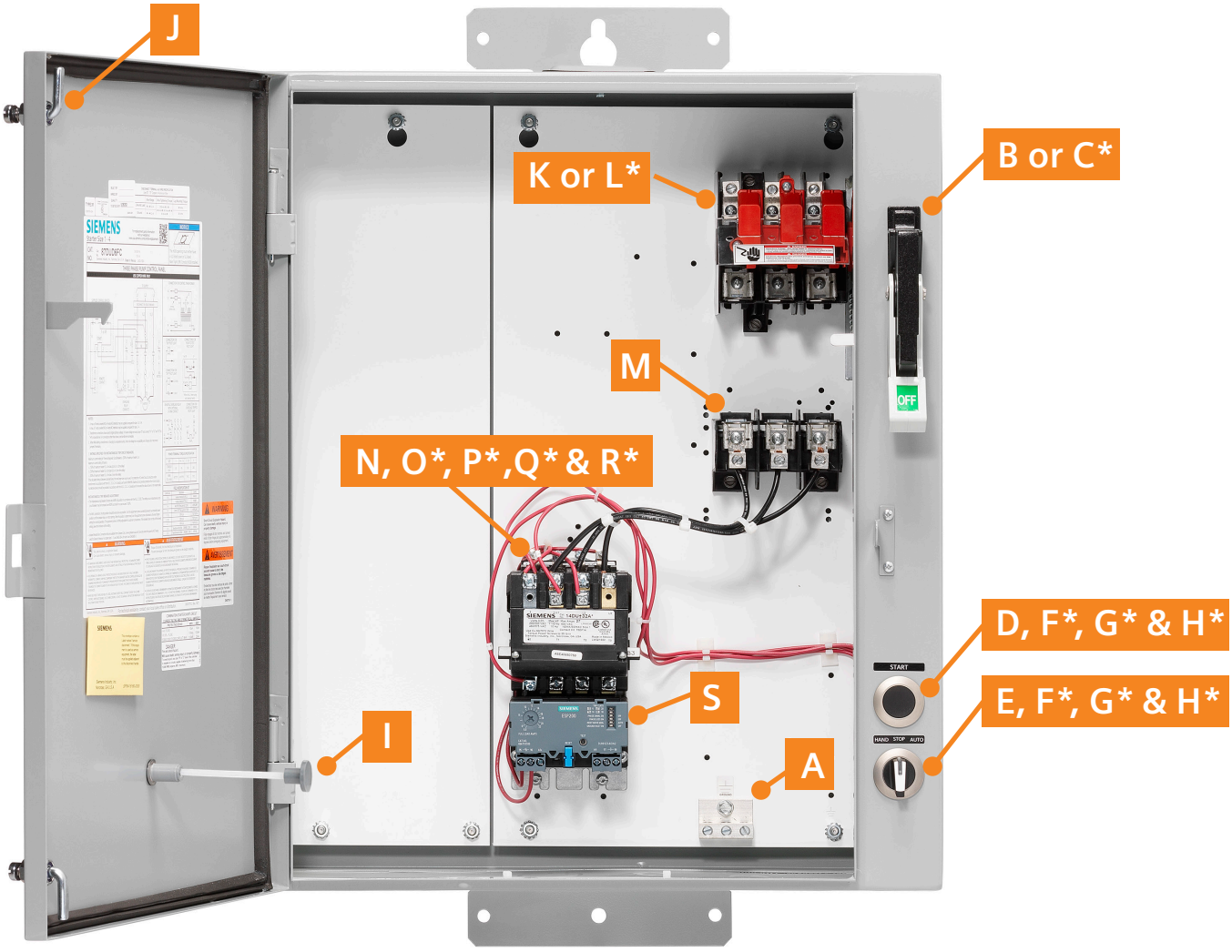
⚠ WARNING

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.



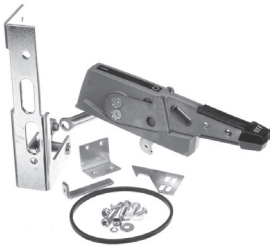
NOTE: Image is representative and may not depict the actual product.
* Not shown.

A– Ground bar

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

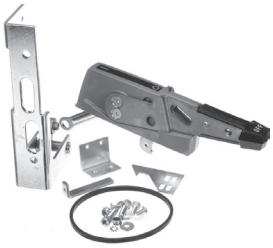


B – Disconnect handle assembly only



Pump Controller	Replacement Part
3RE48040GN*64HA0	75D73944023
3RE48040GP*64HA0	75D73944023
3RE48140GQ*64HA0	75D73944028
87JUH6F*	75D73944023
87JUH6L*	75D73944023
87JUH6M*	75D73944028

C – Disconnect handle assembly and disconnect mechanism



Pump Controller	Replacement Part
3RE48040GN*64HA0	75D68257068
3RE48040GP*64HA0	75D68257068
3RE48140GQ*64HA0	75D68257089
87JUH6F*	75D68257068
87JUH6L*	75D68257068
87JUH6M*	75D68257089

D – Start push button actuator

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



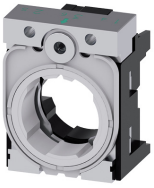
E – HOA selector switch actuator

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 switch and push button

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

I – Overload relay reset operator

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



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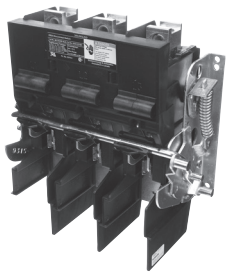
The character placeholder (*) found in each pump controller and contactor catalog number represent the coil voltage code.

J – Enclosure quarter-turn latch

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



K – Switch block assembly with fuse clips



Pump Controller	Replacement Part
3RE48040GN*64HA0	MCS620R
3RE48040GP*64HA0	MCS620R
3RE48140GQ*64HA0	NA
87JUH6F*	MCS620R
87JUH6L*	MCS620R
87JUH6M*	NA

L – Motor circuit protector



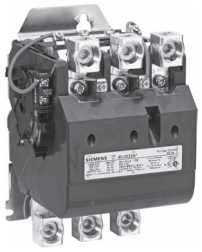
Pump Controller	Replacement Part
3RE48040GN*64HA0	NA
3RE48040GP*64HA0	NA
3RE48140GQ*64HA0	FXD63A150
87JUH6F*	NA
87JUH6L*	NA
87JUH6M*	ED63A150

M – Load base assembly



Pump Controller	Replacement Part
3RE48040GN*64HA0	FCK620
3RE48040GP*64HA0	FCK620
3RE48140GQ*64HA0	NA
87JUH6F*	FCK620
87JUH6L*	FCK620
87JUH6M*	NA

N – Contactor (Class 87 only) Replacement part 40JG32A*



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 87JUH6F**C** is 40JG32A**C**.

N – Contactor (3RE48 only)



Pump Controller	Replacement Part
3RE48040GN*64HA0	3RT10566A##60UA0
3RE48040GP*64HA0	3RT10566A##60UA0
3RE48140GQ*64HA0	3RT10566A##60UA0

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 3RE48040GN364HA0 is 3RT10566AF360UA0.

(*)	(##)
3	F3
4	M3
5	P3
7	R3
8	T3

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.

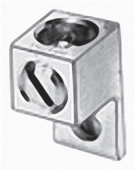
O – 1 NO internal auxiliary contact (Class 87 only)

Replacement part 49AB10

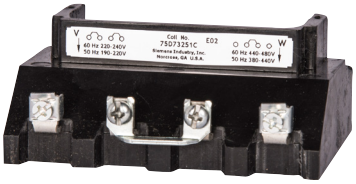


P - Contactor lug kit (Class 87 only)

Replacement part for line side 75D35994001
Replacement part for load side 75D35994002
(three lugs per kit)



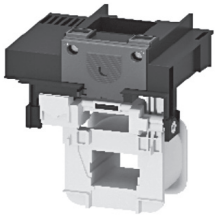
Q – Contactor coil (Class 87 only)



Coil Code (*)	Volts AC 60 Hz	Replacement Part
J	24	75D70131J
F	120	75D70131F
A	110–120/220–240	75D70131A
D	208	75D70131D
G	220–240	75D70131G
L	277	75D70131L
C	220–240/440–480	75D70131C
H	440–480	75D70131H
E	575–600	75D70131E

The contactor coil voltage code is located in the (*) character position of the pump controller. For example, the replacement contactor coil for pump controller 87JUH6FC is 75D70131C.

Q – Contactor coil (3RE48 only)

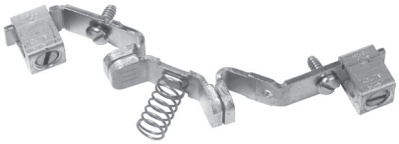


Coil Code (*)	Volts AC 60 Hz	Replacement Part
3	120	3RT19555AF31
4	208	3RT19555AM31
5	220–240	3RT19555AP31
7	440–480	3RT19555AR31
8	575–600	3RT19555AT31

The contactor coil voltage code is located in the (*) character position of the pump controller. For example, the replacement contactor coil for pump controller 3RE48040GN364HA0 is 3RT19555AF31.

R – Contactor main contacts Class 87 only

Replacement part 75JG14
(one kit per pole)

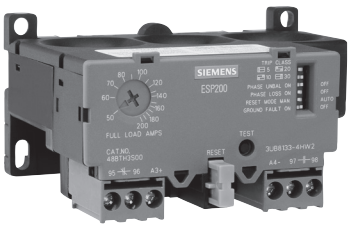


R – Contactor main contacts 3RE48 only

Replacement part 3RT1956-6A
(one kit for 3 poles)



S – Overload relay



Pump Controller	Replacement Part
3RE48040GN*64HA0	3UB81334HW2
3RE48040GP*64HA0	3UB81334HW2
3RE48140GQ*64HA0	3UB81334HW2
87JUH6F*	3UB81334HW2
87JUH6L*	3UB81334HW2
87JUH6M*	3UB81334HW2

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.