SIEMENS

Replacement Parts

E87010-A0527-T010-A4-87JC

October, 2020

Pump Controllers
87JC, 87L and 87M



⚠ 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.

Contactor coil



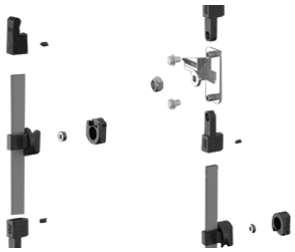
Pump Controller	Coil Code (*)	Volts AC 50-60 Hz / DC	Catalog No.
87LP	J	23-26	3RT19655AB31
	F	110-127	3RT19655AF31
	D	200-220	3RT19655AM31
	G	220-240	3RT19655AP31
	L	240-277	3RT19655AU31
	K	380-420	3RT19655AV31
	H	440-480	3RT19655AR31
	E	575-600	3RT19655AT31
87MS	J	23-26	3RT19755AB31
	F	110-127	3RT19755AF31
	D	200-220	3RT19755AM31
	G	220-240	3RT19755AP31
	L	240-277	3RT19755AU31
	K	380-420	3RT19755AV31
	H	440-480	3RT19755AR31
	E	575-600	3RT19755AT31
87JC, 87LC	J	23-26	3RT19665AB31
	F	110-127	3RT19665AF31
	D	200-220	3RT19665AM31
	G	220-240	3RT19665AP31
	L	240-277	3RT19665AU31
	K	380-420	3RT19665AV31
	H	440-480	3RT19665AR31
	E	575-600	3RT19665AT31
87MC	J	23-26	3RT19755AB31
	F	110-127	3RT19755AF31
	D	200-220	3RT19755AM31
	G	220-240	3RT19755AP31
	L	240-277	3RT19755AU31
	K	380-420	3RT19755AV31
	H	440-480	3RT19755AR31
	E	575-600	3RT19755AT31

Enclosure quarter-turn latch



Pump Controller	Replacement Part
87LPU6F*	75D46260004
87LPU6L*	75D46260004
87LPT6M*	75D46260004
87LPU6M*	75D46260004
87MSW6F*	NA
87MSW6M*	NA
87MSX6M*	NA
87JCM6F*	75D46260004
87JCN6F*	75D46260004
87LCU6F*	75D46260004
87JCM6M*	75D46260004
87JCN6M*	75D46260004
87LCT6M*	75D46260004
87MCW6M*	NA
87MCX6M*	NA

Enclosure 3-point latch kit



Pump Controller	Replacement Part
87LPU6F*	NA
87LPU6L*	NA
87LPT6M*	NA
87LPU6M*	NA
87MSW6F*	SCE-ARK36 (1)
87MSW6M*	SCE-ARK36 (1)
87MSX6M*	SCE-ARK36 (1)
87JCM6F*	NA
87JCN6F*	NA
87LCU6F*	NA
87JCM6M*	NA
87JCN6M*	NA
87LCT6M*	NA
87MCW6M*	SCE-ARK36 (1)
87MCX6M*	SCE-ARK36 (1)

Replace the (*) with a letter from the coil table.

NOTE: All images are representative and may not depict the actual part.

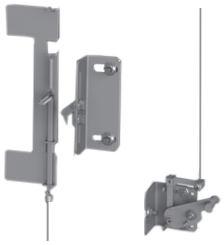
(1) Saginaw catalog numbers are for reference only. Saginaw components are not sold by Siemens but can be purchased from a typical electrical hardware and supply distributor. Purchaser is responsible for confirming part numbers.

Enclosure padlock handle



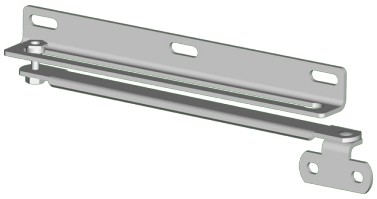
Pump Controller	Replacement Part
87LPU6F*	NA
87LPU6L*	NA
87LPT6M*	NA
87LPU6M*	NA
87MSW6F*	SCE-PCH7 (1)
87MSW6M*	SCE-PCH7 (1)
87MSX6M*	SCE-PCH7 (1)
87JCM6F*	NA
87JCN6F*	NA
87LCU6F*	NA
87JCM6M*	NA
87JCN6M*	NA
87LCT6M*	NA
87MCW6M*	SCE-PCH7 (1)
87MCX6M*	SCE-PCH7 (1)

Enclosure mechanical defeater kit



Pump Controller	Replacement Part
87LPU6F*	NA
87LPU6L*	NA
87LPT6M*	NA
87LPU6M*	NA
87MSW6F*	SCE-MDV (1)
87MSW6M*	SCE-MDV (1)
87MSX6M*	SCE-MDV(1)
87JCM6F*	NA
87JCN6F*	NA
87LCU6F*	NA
87JCM6M*	NA
87JCN6M*	NA
87LCT6M*	NA
87MCW6M*	SCE-MDV (1)
87MCX6M*	SCE-MDV (1)

Enclosure door stop kit



Pump Controller	Replacement Part
87LPU6F*	NA
87LPU6L*	NA
87LPT6M*	NA
87LPU6M*	NA
87MSW6F*	SCE-DSTOPK (1)
87MSW6M*	SCE-DSTOPK (1)
87MSX6M*	SCE-DSTOPK (1)
87JCM6F*	NA
87JCN6F*	NA
87LCU6F*	NA
87JCM6M*	NA
87JCN6M*	NA
87LCT6M*	NA
87MCW6M*	SCE-DSTOPK (1)
87MCX6M*	SCE-DSTOPK (1)

Enclosure hole plug kit



Pump Controller	Replacement Part
87LPU6F*	52AAH6
87LPU6L*	52AAH6
87LPT6M*	52AAH6
87LPU6M*	52AAH6
87MSW6F*	NA
87MSW6M*	NA
87MSX6M*	NA
87JCM6F*	52AAH6
87JCN6F*	52AAH6
87LCU6F*	52AAH6
87JCM6M*	52AAH6
87JCN6M*	52AAH6
87LCT6M*	52AAH6
87MCW6M*	NA
87MCX6M*	NA

Overload relay reset operator



Pump Controller	Replacement Part
87LPU6F*	49MBRS2
87LPU6L*	49MBRS2
87LPT6M*	49MBRS2
87LPU6M*	49MBRS2
87MSW6F*	49MBRS2
87MSW6M*	49MBRS2
87MSX6M*	49MBRS2
87JCM6F*	49MBRS2
87JCN6F*	49MBRS2
87LCU6F*	49MBRS2
87JCM6M*	49MBRS2
87JCN6M*	49MBRS2
87LCT6M*	49MBRS2
87MCW6M*	49MBRS2
87MCX6M*	49MBRS2

HOA selector switch actuator



Pump Controller	Replacement Part
87LPU6F*	3SU10622DL600AA0
87LPU6L*	3SU10622DL600AA0
87LPT6M*	3SU10622DL600AA0
87LPU6M*	3SU10622DL600AA0
87MSW6F*	3SU10622DL600AA0
87MSW6M*	3SU10622DL600AA0
87MSX6M*	3SU10622DL600AA0
87JCM6F*	3SU10622DL600AA0
87JCN6F*	3SU10622DL600AA0
87LCU6F*	3SU10622DL600AA0
87JCM6M*	3SU10622DL600AA0
87JCN6M*	3SU10622DL600AA0
87LCT6M*	3SU10622DL600AA0
87MCW6M*	3SU10622DL600AA0
87MCX6M*	3SU10622DL600AA0

Replace the(*) with a letter from the coil table.

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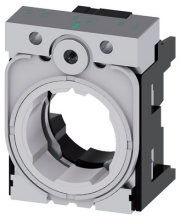
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Start push button actuator



Pump Controller	Replacement Part
87LPU6F*	3SU10600JB100AA0
87LPU6L*	3SU10600JB100AA0
87LPT6M*	3SU10600JB100AA0
87LPU6M*	3SU10600JB100AA0
87MSW6F*	3SU10600JB100AA0
87MSW6M*	3SU10600JB100AA0
87MSX6M*	3SU10600JB100AA0
87JCM6F*	3SU10600JB100AA0
87JCN6F*	3SU10600JB100AA0
87LCU6F*	3SU10600JB100AA0
87JCM6M*	3SU10600JB100AA0
87JCN6M*	3SU10600JB100AA0
87LCT6M*	3SU10600JB100AA0
87MCW6M*	3SU10600JB100AA0
87MCX6M*	3SU10600JB100AA0

Module holder for selector switch and push button



Pump Controller	Replacement Part
87LPU6F*	3SU15500AA100AA0
87LPU6L*	3SU15500AA100AA0
87LPT6M*	3SU15500AA100AA0
87LPU6M*	3SU15500AA100AA0
87MSW6F*	3SU15500AA100AA0
87MSW6M*	3SU15500AA100AA0
87MSX6M*	3SU15500AA100AA0
87JCM6F*	3SU15500AA100AA0
87JCN6F*	3SU15500AA100AA0
87LCU6F*	3SU15500AA100AA0
87JCM6M*	3SU15500AA100AA0
87JCN6M*	3SU15500AA100AA0
87LCT6M*	3SU15500AA100AA0
87MCW6M*	3SU15500AA100AA0
87MCX6M*	3SU15500AA100AA0

N.O. contact module for selector switch and push button

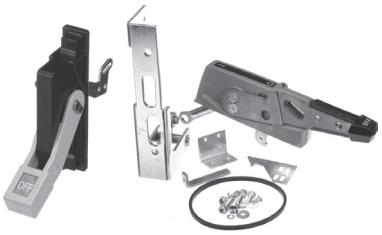


Pump Controller	Replacement Part
87LPU6F*	3SU14001AA101BA0
87LPU6L*	3SU14001AA101BA0
87LPT6M*	3SU14001AA101BA0
87LPU6M*	3SU14001AA101BA0
87MSW6F*	3SU14001AA101BA0
87MSW6M*	3SU14001AA101BA0
87MSX6M*	3SU14001AA101BA0
87JCM6F*	3SU14001AA101BA0
87JCN6F*	3SU14001AA101BA0
87LCU6F*	3SU14001AA101BA0
87JCM6M*	3SU14001AA101BA0
87JCN6M*	3SU14001AA101BA0
87LCT6M*	3SU14001AA101BA0
87MCW6M*	3SU14001AA101BA0
87MCX6M*	3SU14001AA101BA0

Contact module plate for selector switch and push button

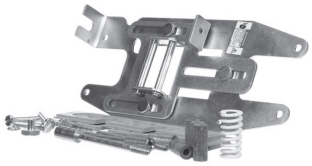
Pump Controller	Replacement Part
87LPU6F*	3SU19000AY610AA0
87LPU6L*	3SU19000AY610AA0
87LPT6M*	3SU19000AY610AA0
87LPU6M*	3SU19000AY610AA0
87MSW6F*	3SU19000AY610AA0
87MSW6M*	3SU19000AY610AA0
87MSX6M*	3SU19000AY610AA0
87JCM6F*	3SU19000AY610AA0
87JCN6F*	3SU19000AY610AA0
87LCU6F*	3SU19000AY610AA0
87JCM6M*	3SU19000AY610AA0
87JCN6M*	3SU19000AY610AA0
87LCT6M*	3SU19000AY610AA0
87MCW6M*	3SU19000AY610AA0
87MCX6M*	3SU19000AY610AA0

Disconnect handle assembly only



Pump Controller	Replacement Part
87LPU6F*	75D73944027
87LPU6L*	75D73944027
87LPT6M*	75D73944027
87LPU6M*	75D73944027
87MSW6F*	FHOH
87MSW6M*	FHOH
87MSX6M*	FHOH
87JCM6F*	75D73944015
87JCN6F*	75D73944015
87LCU6F*	75D73944027
87JCM6M*	75D73944011
87JCN6M*	75D73944011
87LCT6M*	75D73944027
87MCW6M*	FHOH
87MCX6M*	FHOH

Disconnect mechanism only

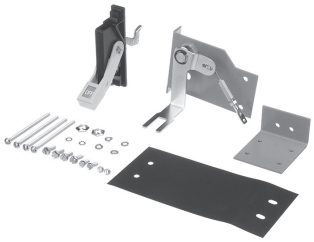


Pump Controller	Replacement Part
87LPU6F*	NA
87LPU6L*	NA
87LPT6M*	NA
87LPU6M*	NA
87MSW6F*	FHOJBO
87MSW6M*	FHOJBO
87MSX6M*	FHOJBO
87JCM6F*	NA
87JCN6F*	NA
87LCU6F*	NA
87JCM6M*	NA
87JCN6M*	NA
87LCT6M*	NA
87MCW6M*	FHOJBO
87MCX6M*	FHOJBO

Replace the(*) with a letter from the coil table.

NOTE: All images are representative and may not depict the actual part.

Disconnect handle assembly and disconnect mechanism



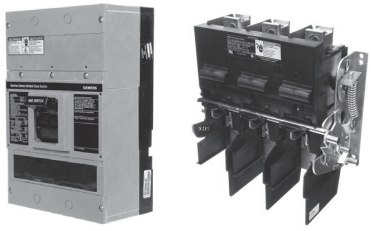
Pump Controller	Replacement Part
87LPU6F*	75D68257078
87LPU6L*	75D68257078
87LPT6M*	75D68257078
87LPU6M*	75D68257078
87MSW6F*	NA
87MSW6M*	NA
87MSX6M*	NA
87JCM6F*	75D68257063
87JCN6F*	75D68257063
87LCU6F*	75D68257078
87JCM6M*	75D68257077
87JCN6M*	75D68257077
87LCT6M*	75D68257078
87MCW6M*	NA
87MCX6M*	NA

Disconnect handle to mechanism cable



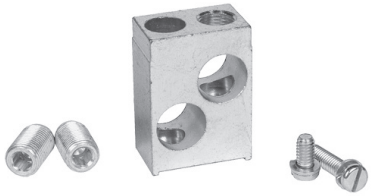
Pump Controller	Replacement Part
87LPU6F*	NA
87LPU6L*	NA
87LPT6M*	FHOJC036
87LPU6M*	FHOJC036
87MSW6F*	FHOJC036
87MSW6M*	FHOJC036
87MSX6M*	FHOJC036
87JCM6F*	NA
87JCN6F*	NA
87LCU6F*	NA
87JCM6M*	NA
87JCN6M*	NA
87LCT6M*	NA
87MCW6M*	FHOJC036
87MCX6M*	FHOJC036

Disconnect or molded case switch/ circuit breaker (without lugs)



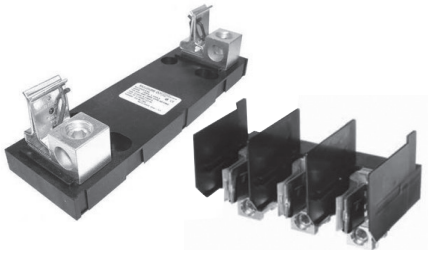
Pump Controller	Replacement Part
87LPU6F*	JXD63S400A
87LPU6L*	JXD63S400A
87LPT6M*	FXD63A250
87LPU6M*	JXD63H400
87MSW6F*	LXD63S600A
87MSW6M*	JXD63H400
87MSX6M*	LXD63H600
87JCM6F*	MCS620R
87JCN6F*	MCS620R
87LCU6F*	JXD63S400A
87JCM6M*	FXD63A250
87JCN6M*	FXD63A250
87LCT6M*	JXD63S400A
87MCW6M*	JXD63S400A
87MCX6M*	LXD63S600A

Molded case switch or circuit breaker lug kit (one lug per kit)



Pump Controller	Replacement Part
87LPU6F*	TA2J6500
87LPU6L*	TA2J6500
87LPT6M*	TA1FD350A
87LPU6M*	TA2J6500
87MSW6F*	TA2J6500
87MSW6M*	TA2J6500
87MSX6M*	TA2J6500
87JCM6F*	NA
87JCN6F*	NA
87LCU6F*	TA2J6500
87JCM6M*	TA1FD350A
87JCN6M*	TA1FD350A
87LCT6M*	TA2J6500
87MCW6M*	TA2J6500
87MCX6M*	TA2J6500

Fuse block



Pump Controller	Replacement Part
87LPU6F*	64031R (2)
87LPU6L*	24031R (2)
87LPT6M*	NA
87LPU6M*	NA
87MSW6F*	6631R (2)
87MSW6M*	NA
87MSX6M*	NA
87JCM6F*	FCK620
87JCN6F*	FCK620
87LCU6F*	64031R (2)
87JCM6M*	NA
87JCN6M*	NA
87LCT6M*	NA
87MCW6M*	NA
87MCX6M*	NA

Fuse block clips (one clip per kit)



Pump Controller	Replacement Part
87LPU6F*	NA
87LPU6L*	NA
87LPT6M*	NA
87LPU6M*	NA
87MSW6F*	NA
87MSW6M*	NA
87MSX6M*	NA
87JCM6F*	D46122009
87JCN6F*	D46122009
87LCU6F*	NA
87JCM6M*	NA
87JCN6M*	NA
87LCT6M*	NA
87MCW6M*	NA
87MCX6M*	NA

Replace the (*) with a letter from the coil table.

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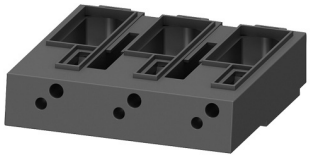
(2) Mersen catalog numbers are for reference only. Mersen components are not sold by Siemens but can be purchased from a typical electrical hardware and supply distributor. Purchaser is responsible for confirming part numbers.

Contactor (complete)



Pump Controller	Replacement Part
87LPU6F*	40LP32A*
87LPU6L*	40LP32A*
87LPT6M*	40LP32A*
87LPU6M*	40LP32A*
87MSW6F*	40MP32A*
87MSW6M*	40MP32A*
87MSX6M*	40MP32A*
87JCM6F*	40JV32A*
87JCN6F*	40JV32A*
87LCU6F*	40LV32A*
87JCM6M*	40JV32A*
87JCN6M*	40JV32A*
87LCT6M*	40LV32A*
87MCW6M*	40MV32A*
87MCX6M*	40MV32A*

Contactor terminal lug kit (line or load side)



Pump Controller	Replacement Part
87LPU6F*	3RT19664G
87LPU6L*	3RT19664G
87LPT6M*	3RT19664G
87LPU6M*	3RT19664G
87MSW6F*	3RT19664G
87MSW6M*	3RT19664G
87MSX6M*	3RT19664G
87JCM6F*	3RT19664G
87JCN6F*	3RT19664G
87LCU6F*	3RT19664G
87JCM6M*	3RT19664G
87JCN6M*	3RT19664G
87LCT6M*	3RT19664G
87MCW6M*	3RT19664G
87MCX6M*	3RT19664G

Contactor main contacts (one kit for three contacts)



Pump Controller	Replacement Part
87LPU6F*	3RT19666A
87LPU6L*	3RT19666A
87LPT6M*	3RT19666A
87LPU6M*	3RT19666A
87MSW6F*	3RT19766A
87MSW6M*	3RT19766A
87MSX6M*	3RT19766A
87JCM6F*	3RT19646V
87JCN6F*	3RT19646V
87LCU6F*	3RT19666V
87JCM6M*	3RT19646V
87JCN6M*	3RT19646V
87LCT6M*	3RT19666V
87MCW6M*	3RT19766V
87MCX6M*	3RT19766V

Overload relay



Pump Controller	Replacement Part
87LPU6F*	3RB20661GC2
87LPU6L*	3RB20661GC2
87LPT6M*	3RB20661GC2
87LPU6M*	3RB20661GC2
87MSW6F*	3RB20661MC2
87MSW6M*	3RB20661MC2
87MSX6M*	3RB20661MC2
87JCM6F*	3RB20661GC2
87JCN6F*	3UB85336HW2
87LCU6F*	3RB20661GC2
87JCM6M*	3RB20661GC2
87JCN6M*	3UB81334HW2
87LCT6M*	3RB20661GC2
87MCW6M*	3RB20661MC2
87MCX6M*	3RB20661MC2

Replace the(*) with a letter from the coil table.

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