

OTEC accessories kits

> Specification sheet



**Power
Generation**

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Feature codes

Following is an alpha-numeric listing of feature codes. Those identified as “NA” cannot be ordered as field installable accessories. They must be selected on the original factory order.

		Accessory kit part number	Instruction sheet
A028-7	3-pole	NA	NA
A029-7	4-pole	NA	NA
A041-7	System – 1-phase, 2-wire or 3-wire	NA	NA
A042-7	System – 3-phase, 3-wire or 4-wire	NA	NA
A044-7	Frequency - 60 hertz	NA	NA
A045-7	Frequency - 50 hertz	NA	NA
A046-7	Listing UL 1008/CSA certification	NA	NA
B001-7	Cabinet type 1R	NA	NA
B002-7	Cabinet type 3R	NA	NA
B003-7	Cabinet type 4	NA	NA
B010-7	Cabinet type 12	NA	NA

Exercise clock

Automatically starts and stops the generator set for regular exercise periods. Can be programmed for any day (or days) of the week and any time of the day.

		Accessory kit part number	Instruction sheet
J030-7	Exercise clock external	0541-1107	C664

Battery chargers

Battery chargers may be mounted on the transfer switch, for use in charging the genset starting and control batteries. See specification sheets for battery charger design and specification information.

		Accessory kit part number	Instruction sheet
K001-7	Battery charger-2 amp, 12/24 VDC out		
	120 volt	0300-3507	C271
	208 volt	0300-3508	C271
	240 volt	0300-3509	C271
	347 volt	0300-3510	C271
	380 volt	0300-3511	C271
	416 volt	0300-3512	C271
	480 volt	0300-3513	C271
	600 volt	0300-3514	C271

Battery chargers (continued)

		Accessory kit part number	Instruction sheet
KB59-7 KB60-7	Battery charger-15 amp, 12 VDC, 50/60 Hz		
	Battery charger-12 amp, 24 VDC, 50/60 Hz		
	120 volt	0300-5878-13	C672
	208 volt	0300-5878-13	C672
	240 volt	0300-5878-13	C672
	277 volt	0300-5878-14	C672
	380 volt	0300-5878-15	C672
	416 volt	0300-5878-16	C672
	480 volt	0300-5878-17	C672
	600 volt	0300-5878-18	C672
	Temperature sensor kit	0541-0918	G573

Auxiliary relays

Provides two sets of open and two sets of closed contacts for customer use.

		Accessory kit part number	Instruction sheet
L101-7	Auxiliary relay-24 VDC - 2 N/O and 2 N/C contacts*	0300-3503*	C274
L102-7	Auxiliary relay-24 VDC - 2 N/O and 2 N/C contacts emergency position*	0300-3503*	C274
L103-7	Auxiliary relay-24 VDC - 2 N/O and 2 N/C contacts-normal position*	0300-3503*	C274
L201-7	Auxiliary relay-12 VDC - 2 N/O and 2 N/C contacts*	0300-3502*	C274
L202-7	Auxiliary relay-12 VDC - 2 N/O and 2 N/C contacts emergency position*	0300-3502*	C274
L203-7	Auxiliary relay-12 VDC - 2 N/O and 2 N/C contacts normal position*	0300-3502*	C274

Terminal block

30 point terminal block to mount inside cabinet for customer select use.

		Accessory kit part number	Instruction sheet
M003-7	Terminal block-30 points	0332-3302*	C458

Elevator signal relay

Provides signals prior to transfer of the transfer switch (typically used for elevator controls). Provides two sets of open and two sets of closed contacts for customer use.

		Accessory kit part number	Instruction sheet
M032-7	Elevator signal relay		
	12 VDC	0541-1109*	C665
	24 VDC	0541-1110*	C665

Control - voltage conversion kits

These kits are for field conversion of the control operating voltage of the transfer switch. Each kit is designed for use on any voltage transfer switch. If a battery charger is included in the transfer switch, it must also be replaced or reconfigured for the new transfer switch control voltage.

		Accessory kit part number	Instruction sheet
M033-7	Control voltage, 12 VDC genset battery		
	40 - 600 amp (120 through 480 volts)	0541-1308*	C695
	40 - 600 amp (600 volts) or 800 - 1000 amp (all voltages)	0541-1309*	C695
M034-7	Control voltage, 24 VDC genset battery		
	40 - 600 amp (120 through 480 volts)	0541-1310	C695
	40 - 600 amp (600 volts) or 800 - 1000 amp (all voltages)	0541-1311	C695

* Accessory mounting plate 0319-3943-01 (available through parts) is required to mount this kit. If your transfer switch already has one of the features designated by a "*" this mounting plate is already there.

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Terminal block - battery charger alarms

Provides a terminal block used for connecting battery charger alarm signal wiring (malfunctioning battery charger, high battery voltage and low battery voltage).

N002-7	Terminal block-battery charger alarms*	Accessory kit part number	Instruction sheet
		40 - 125 amp	0300-3544*
	150 - 1000 amp	0300-3543*	C314

Actuator - voltage conversion kits

These kits are for field conversion of the operating voltage of the transfer switch. Each kit is designed for use on any voltage transfer switch.

Note: If the transfer switch being modified includes AC metering, a metering conversion kit will be required to complete the conversion process. If a battery charger is included in the transfer switch, it also must be replaced.

R020-7	Voltage - 120 VAC	Accessory kit part number	Instruction sheet	
		40 - 125 amp	0541-0690	C620
	150 - 260 amp	0541-0695	C620	
	300 - 600 amp	0541-0700	C620	
	800 - 1000 amp	0541-0706	C620	
R021-7	Voltage - 208 VAC	40 - 125 amp	0541-0692	C620
		150 - 260 amp	0541-0697	C620
		300 - 600 amp	0541-0702	C620
		800 - 1000 amp	0541-0708	C620
		R022-7	Voltage - 220 VAC	40 - 125 amp
150 - 260 amp	0541-0697			C620
300 - 600 amp	0541-0703			C620
800 - 1000 amp	0541-0709			C620
R023-7	Voltage - 240 VAC			40 - 125 amp
		150 - 260 amp	0541-0697	C620
		300 - 600 amp	0541-0703	C620
		800 - 1000 amp	0541-0709	C620
		R024-7	Voltage - 380 VAC	40 - 125 amp
150 - 260 amp	0541-0698			C620
300 - 600 amp	0541-0704			C620
800 - 1000 amp	0541-0710			C620
R025-7	Voltage - 416 VAC			40 - 125 amp
		150 - 260 amp	0541-0698	C620
		300 - 600 amp	0541-0704	C620
		800 - 1000 amp	0541-0710	C620
		R026-7	Voltage - 480 VAC	40 - 125 amp
150 - 260 amp	0541-0699			C620
300 - 600 amp	0541-0705			C620
800 - 1000 amp	0541-0711			C620
R027-7	Voltage - 600 VAC			40 - 125 amp
		150 - 260 amp	NA	NA
		300 - 600 amp	NA	NA
		800 - 1000 amp	NA	NA

* Accessory mounting plate 0319-3943-01 (available through parts) is required to mount this kit. If your transfer switch already has one of the features designated by a "*" this mounting plate is already there.

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Actuator - voltage conversion kits (continued)

		Accessory kit part number	Instruction sheet
R035-7	Voltage - 440 VAC		
	40 - 125 amp	0541-0694	C620
	150 - 260 amp	0541-0699	C620
	300 - 600 amp	0541-0705	C620
	800 - 1000 amp	0541-0711	C620
R038-7	Voltage - 190 VAC		
	40 - 125 amp	0541-0691	C620
	150 - 260 amp	0541-0696	C620
	300 - 600 amp	0541-0701	C620
	800 - 1000 amp	0541-0707	C620

Literature list

	Accessory kit part number	Instruction sheet
Literature list 40 - 3000 amp	0998-0054	NA

Certification:



ISO9001 - This product was designed and manufactured in facilities certified to ISO9001.

Americas

1400 73rd Avenue N.E.
 Minneapolis, MN 55432 USA
 Phone: 763 574 5000
 Fax: 763 574 5298

Europe, CIS, Middle East and Africa

Manston Park Columbus Ave.
 Manston Ramsgate
 Kent CT 12 5BF United Kingdom
 Phone 44 1843 255000
 Fax 44 1843 255902

Asia Pacific

10 Toh Guan Road #07-01
 TT International Tradepark
 Singapore 608838
 Phone 65 6417 2388
 Fax 65 6417 2399

Warning: Back feed to a utility system can cause electrocution and/or property damage. Do not connect generator sets to any building electrical system except through an approved device or after building main switch is open.

Warning: For professional use only. Must be installed by a qualified service technician. Improper installation presents hazards of electrical shock and improper operation, resulting in severe personal injury and/or property damage.

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