

OTPC accessories kits

> Specification sheet

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**Power
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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
A035-7	Application - utility-to-genset	NA	NA
A036-7	Application - utility-to-utility	NA	NA
A037-7	Application - genset-to-genset	NA	NA
A041-7	System – 3-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
A064-7	Listing - UL/NFPA 20 fire pump circuits	NA	NA
B001-7	Cabinet - type 1	NA	NA
B002-7	Cabinet - type 3R	NA	NA
B003-7	Cabinet - type 4	NA	NA
B004-7	Construction - open	NA	NA
B010-7	Cabinet - type 12	NA	NA
B025-7	Cabinet - type 4x stainless	NA	NA
C023-7	Switch control - level 1	NA	NA
C024-7	Switch control - level 2	NA	NA
D009-7	Meters - bar graph display	NA	NA

Power connection-bus stubs

The transfer switch is equipped with bus stubs for bolted connection of customer supplied bussing. Stubs are sized for full rated switch current. Bus stubs are available with "open construction" cabinet option only.

		Accessory kit part number	Instruction sheet
N009-7	Power connection - bus stubs	NA	NA

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
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 three sets of double throw 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

* 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. Also, 1600 amp and above switches have this plate as standard.

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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

Load shed from emergency

Kit allows modification of the transfer switch to accept a remote signal to switch the transfer switch from emergency position to neutral position.

		Accessory kit part number	Instruction sheet
M007-7	Load shed - from emergency* (requires M023-7)		
	40 - 600 amp		
	- 120 - 480 VAC	0541-0655*	C606
	- 600 VAC	0541-0656*	C606
	800 - 1000 amp		
	- 120 - 600 VAC	0541-0656*	C606
	1200 - 3000 amp		
	- 120 - 600 VAC	0541-0657*	C606

Security key - front panel

Front panel access can be locked out using this option - prevents unauthorized transfers or testing and unauthorized adjustments via the digital display.

		Accessory kit part number	Instruction sheet
M017-7	Security-front panel	0300-5444	C602

Digital display

The digital display provides a convenient method for monitoring load power conditions, adjusting transfers switch parameters, monitoring PowerCommand® network status, or reviewing transfer switch events. Password protection limits access to adjustments to authorized personnel. The digital display comes standard with the level 2 PowerCommand microprocessor control and optional with the level 1 control.

		Accessory kit part number	Instruction sheet
M018-7	Display-digital	NA	NA

Interface - network communications

Provides connection to the PowerCommand network. LonWorks® compatible for integration into customer monitoring strategy.

		Accessory kit part number	Instruction sheet
M020-7	Interface-network communications (TP-78)	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. Also, 1600 amp and above switches have this plate as standard.

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Monitoring - load

Measures load phase and neutral, current, power factor, real power (kW) and apparent power (kVA). Warns of excessive neutral current resulting from unbalanced or nonlinear loads.

M022-7 Monitoring – load (1-phase)		Accessory kit part number	Instruction sheet
40 amp		0541-0619	C615
70 amp		0541-0620	C615
125 amp		0541-0621	C615
150 amp		0541-0622	C615
225 amp		0541-0623	C615
260 amp		0541-0624	C615
300 amp		0541-0625	C615
400 amp		0541-0626	C615
600 amp		0541-0627	C615
800 amp		0541-0628	C615
1000 amp		0541-0629	C615
1200 amp		0541-0630	C615
1600 amp			
- 3-pole		0541-0633	C615
- 4-pole		0541-0634	C615
2000 amp			
- 3-pole		0541-0631	C615
- 4-pole		0541-0635	C615
3000 amp			
- 3-pole		0541-0632	C615
- 4-pole		0541-0636	C615
Monitoring – load (3-phase)			
40 amp		0541-0637	C615
70 amp		0541-0638	C615
125 amp		0541-0639	C615
150 amp		0541-0640	C615
225 amp		0541-0641	C615
260 amp		0541-0642	C615
300 amp		0541-0643	C615
400 amp		0541-0644	C615
600 amp		0541-0645	C615
800 amp		0541-0646	C615
1000 amp		0541-0647	C615
1200 amp		0541-0648	C615
1600 amp			
- 3-pole		0541-0649	C615
- 4-pole		0541-0652	C615
2000 amp			
- 3-pole		0541-0650	C615
- 4-pole		0541-0653	C615
3000 amp			
- 3-pole		0541-0651	C615
- 4-pole		0541-0654	C615

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Module - relay signal

Provides an adjustable transfer, pending time delay of 0 to 60 seconds and normal and emergency status signals, to prevent interruption of power during elevator operation. Relay outputs include: Source 1 connected and available, source 2 connected and available, not in auto, test/exercise active and pending transfer (elevator signal).

		Accessory kit part number	Instruction sheet
M023-7	Module - relay signal* 40-3000 amp	0300-5443*	C601

Note: For use with all OTPC 40-1200 amp transfer switches, and all OTPC 1600-3000 amp transfer switches with B001-7 and B004-7 cabinets only. Not for use with OTPC 1600-3000 amp transfer switches with B002-7, B003-7, B010-7 or B025 -7 cabinets

Network communication module

The module provides an interface to the PowerCommand FTT-10 network (LonWorks) and a load sequencer feature that sequences other (network) devices in a timed fashion.

		Accessory kit part number	Instruction sheet
M031-7	Network communications module (NCM)(FTT-10)		
	40-1000 amp	0541-0812*	C632
	1200-3000 amp	0541-0868*	C632

Mechanical lugs - cable

		Accessory kit part number	Instruction sheet
N008-7	Mechanical lugs - cable (1600 - 3000 amp)		
	3-pole		
	- 1600 - 2000 amp (8) 1/0 - 750 MCM	0332-3030	C334
	- 3000 amp (8) #2 - 600 MCM	0332-3032	C334
	4-pole		
	- 1600 - 2000 amp (8) 1/0 - 750 MCM	0332-3031	C334
- 3000 amp (8) #2 - 600 MCM	0332-3033	C334	

Harness - extension

Provides a harness to extend the distance between the control panel and the transfer switch up to 4 feet.

		Accessory kit part number	Instruction sheet
N013-7	Harness - extension, 4 ft, open construction units only	0338-2913-01	NA

Terminal block - retransfer inhibit

Retransfer inhibit terminal block connections inhibit retransfer to the utility or preferred source. Connecting the terminals with a field installed jumper or switch inhibits retransfer. The override button on the front panel display overrides the inhibit and initiates instant retransfer. Removing the connection enables the retransfer time delay and subsequent retransfer.

		Accessory kit part number	Instruction sheet
N020-7	Terminal block-retransfer inhibit*	0300-5436*	C597

* 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. Also, 1600 amp and above switches have this plate as standard.

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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.

		Accessory kit part number	Instruction sheet
R020-7	Voltage - 120 VAC		
	40 - 125 amp	0541-0690	C620
	150 - 260 amp	0541-0695	C620
	300 - 600 amp	0541-0700	C620
	800 - 1000 amp	0541-0706	C620
	1200 amp	NA	NA
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
	1200 amp	0300-4387	C445
R022-7	Voltage - 220 VAC		
	40 - 125 amp	0541-0692	C620
	150 - 260 amp	0541-0697	C620
	300 - 600 amp	0541-0703	C620
	800 - 1000 amp	0541-0709	C620
	1200 amp	0300-4387	C445
R023-7	Voltage - 240 VAC		
	40 - 125 amp	0541-0692	C620
	150 - 260 amp	0541-0697	C620
	300 - 600 amp	0541-0703	C620
	800 - 1000 amp	0541-0709	C620
	1200 amp	0300-4387	C445
R024-7	Voltage - 380 VAC		
	40 - 125 amp	0541-0693	C620
	150 - 260 amp	0541-0698	C620
	300 - 600 amp	0541-0704	C620
	800 - 1000 amp	0541-0710	C620
	1200 amp	0300-4388	C445
R025-7	Voltage - 416 VAC		
	40 - 125 amp	0541-0693	C620
	150 - 260 amp	0541-0698	C620
	300 - 600 amp	0541-0704	C620
	800 - 1000 amp	0541-0710	C620
	1200 amp	0300-4388	C445
R026-7	Voltage - 480 VAC		
	40 - 125 amp	0541-0694	C620
	150 - 260 amp	0541-0699	C620
	300 - 600 amp	0541-0705	C620

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Actuator - voltage conversion kits (continued)

		Accessory kit part number	Instruction sheet
R026-7	Voltage - 480 VAC (continued)		
	800 - 1000 amp	0541-0711	C620
	1200 amp	0300-4389	C445
	1600 - 3000 amp	0300-4392	C445
R027-7	Voltage - 600 VAC		
	40 - 125 amp	NA	NA
	150 - 260 amp	NA	NA
	300 - 600 amp	NA	NA
	800 - 1000 amp	NA	NA
	1200 amp	NA	NA
	1600 - 3000 amp	NA	NA
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
	1200 amp	0300-4389	C445
	1600 - 3000 amp	0300-4392	C445
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
	1200 amp	NA	NA
	1600 - 3000 amp	NA	NA

Literature list

	Accessory kit part number	Instruction sheet
Literature list 40 - 3000 amp	0999-0024	NA

Service tools

Service tools (InPower) - contact service training

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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