

ASCO Series 300L Power Transfer Load Center

Product Features:

- Conventional double throw transfer switch configuration
- Automatic Transfer Switch is listed to UL1008, the standard for Transfer Switch Equipment, and meets NFPA 110 for Emergency and Standby Power Systems and the National Electrical Code (NEC) Articles 700, 701, and 702. Also certified to CSA 22.2 No. 178
- Rated 208VAC or 240VAC at 200 or 400 amps
- Available in Type 1 indoor, or Type 3R secure aluminum outdoor enclosure
- Reliable and field proven ATS with single solenoid operating mechanism
- Group G controller with 128x64 graphical LCD display and integrated keypad, includes test and time delay bypass soft keys
- LED indicators for switch position, source availability not in auto mode, and common alarm indicator
- Real Time Engine exerciser for weekly automatic testing of engine generator set with or without load
- Historical Event Log (optional), ATS statistical information, system status info screens
- Two auxiliary contacts, one contact closed when switch is in normal position and one contact closed when switch is in emergency position
- Suitable as service entrance equipment, includes main circuit breaker overcurrent protection on the normal source, and circuit breaker disconnect device on emergency
- Includes a UL 67 Listed 42 position Square - D panelboard load center
- Local/remote communications capability for interfacing with ASCO POWERQUEST® communication products



ASCO 300L, 200 Amp Automatic Transfer Load Center switch in type 1 enclosure

Short Circuit Ratings

200A Mains: 22kA at 240vac (Main circuit breaker (Normal & Emergency) Square D circuit breakers rated 2/3 pole, 200A)

Note: If a generator input receptacle is supplied for a portable generator then the ratings are as follows:

Normal Source – 22kA at 240 vac
(Utility Main Disconnect circuit breaker)

Emergency Source #2 (Permanent Generator
Input circuit breaker) – 10kA at 240vac

Emergency Source -#1 (Portable Generator
Input circuit breaker) – 5kA at 240vac

400A Mains: 42kA at 240vac. (Main circuit breaker (Normal & Emergency) Square D circuit breakers rated 2/3 pole, 400A)

Panelboard: Square D 225/400A series rated 42 circuit panelboard single/ three phase with 100% rated neutral, accepts bolt – on or plug – in branch devices.



300L Power Transfer Load Center Switch Ordering Information

D + 0300 + L4 + 2 + 0200 + F + GX + C + 11BE + 240V 60Hz													
Frame		Product	Load Center	Poles	Amperes Continuous Rating	Voltage Code		Controller Code		Enclosure	Optional Accessories	Specific Voltage & Freq	
D	200 Amp	0300	L4 = 42 Space	2 2 poles, 1Ø	0200 0400	C	208	G0	No Accessories	C Type 1 (Standard)	11BE 1UP 18BG 23GA/B 37P 72EE ⁶ 73V*1 73V*3 117IB 117CB2 117CB7 128TB ⁵ 130 PC/PL	Feature Bundle Back Up Power Module Source Availability Contacts Single or Three Phase Load Current Card Generator Receptacle ¹ Connectivity Module ² Single Phase Surge Suppression (TVSS) ³ Three Phase Surge Suppression (TVSS) ³ Interlock Breaker for Portable Generator 22kA Main Breaker On Normal & Emergency ⁴ 42kA Main Breaker On Normal & Emergency ⁴ 20" Type 3R Telco Cabinet Right or Left Cam Loc ¹	208V / 60Hz 240V / 60Hz
J	400 Amp					F	240	GX	With Accessories				

- Available for Type 3R enclosure only, rated 200 Amps. Not available for 400 Amp.
- Includes 11BE Feature Bundle.
- Specify N for Utility (1 required), B for Utility and Generator (2 are specified) and L for Load (1 required).
- Specify 117CB2 for 22kA main breaker on normal and emergency for 200 amp rating, and 117CB7 for 42kA main breaker on normal and emergency for 400 amp rating (standard). Other options available, consult ASCO Power Technologies.
- Accessory 128TB available for 200 amp Type 3R only.
- When Acc. 72EE is specified, 11BE feature bundle is included.

Sizes UL-Listed Solderless Screw-Type Terminals

Switch Rating (Amps)	Max # of Conductors per Terminal	Ranges of AL-CU Wire Sizes (Unless Specified Copper Only)
200	One	# 4 AWG to 250 MCM
400	One	# 1 AWG to 600 MCM
	Two	# 1 AWG to 250 MCM

Dimensions for UL Type 1 and 3R Secured Enclosure

Switch Rating Amps	Phase Poles	Dimensions, in. (mm)			Approx. Shipping Weight Lb. (kg)	
		Width	Height	Depth	2 pole	3 pole
Enclosed UL Type1					2 pole	3 pole
200	2, 3	30 (762)	78 (1981)	6 (152)	250 (113)	255 (115)
400	2, 3	42 (1067)	78 (1981)	14 (356)	400 (181)	415 (187)
Enclosed UL Type 3R Secure						
200 ¹	2	36 (914)	53 (1346)	12 (305)	210 (95)	215 (97)
200 ¹	3	37 (940)	63 (1600)	11 (279)	250 (113)	255 (115)
400	2, 3	42 (1067)	78 (1981)	17.4 (442)	450 (203)	455 (205)

Note: 1. Add 20 inches to the height of the type 3R enclosure if accessory 128TB, Telco cabinet is required.

Extended Warranties for SERIES 300L Power Transfer Load Center Switches

Description
1 Year Extension (Total of 3 Years)
2 Year Extension (Total of 4 Years)
3 Year Extension (Total of 5 Years)

Field Conversion Kits for SERIES 300L Power Transfer Load Center Switches

Kit No.	Description
935147	Feature Bundle includes Engine Exerciser, Event Log, RS485 Enabled/Common Alarm Output Contact (Acc. 11BE) Dongle
935149	UPS to allow controller to run for 30 seconds minimum without AC power (1UP)
948551	Quad - Ethernet Module with encryption (72EE), does not include 11BE Feature Bundle
K733433-001	Single Phase Surge Suppression 240/120v (73V**1)
K733433-003	Three Phase Surge Suppression 208/120v (73V**3)