

ASCO Automatic Transfer Switches



Comparison Features	Series 185	Series 300 G	Series 4000	Series 7000
Intended Application	Light Commercial	Commercial / Light Industrial	Industrial	Mission Critical / Critical Power
Ampere sizes available	100 - 400	30 - 3,000	30 - 4,000	30 - 4,000
Phases Available	Single	Single or Three	Single or Three	Single or Three
Pole Counts Available	2	2, 3 or 4	2, 3 or 4	2, 3 or 4
Low Voltage	220 - 240V	115 - 600V	115 - 600V	115 - 600V
PRODUCT TYPE				
Open Transition Transfer Switch	Yes	Yes	Yes	Yes
Service Entrance Rated Transfer Switch	Yes	N/A	Yes	Yes
Power Transfer Load Center	Yes	N/A	N/A	Yes
Closed-Transition Transfer Switch	N/A	N/A	Yes	Yes
Delayed-Transition Transfer Switch	N/A	Yes	Yes	Yes
Soft Load Transfer	N/A	N/A	N/A	Yes
Bypass-Isolation transfer Switch	N/A	N/A	N/A	Yes
Closed-Transition Bypass-Isolation TS	N/A	N/A	N/A	Yes
Delayed-Transition Bypass-Isolation TS	N/A	N/A	N/A	Yes
Soft Load Bypass-Isolation TS	N/A	N/A	N/A	Yes
WITHSTAND AND CLOSE-ON RATINGS				
WCR when used with any circuit breaker	N/A	N/A	10 - 125kA	10 - 125kA
WCR when used with specific circuit breakers	10kA - 35kA	22 - 100kA	22 - 125kA	22 - 125kA
WCR when used with current limiting fuses	100 - 200kA	100 - 200kA	100 - 200kA	100 - 200kA
Withstand Short Time Rating	N/A	N/A	36 - 100kA	36 - 100kA
NEUTRAL CONFIGURATION				
Solid	Standard	Standard	Yes	Yes
Switched	N/A	Yes	Yes	Yes
Overlapped	N/A	N/A	N/A	Yes
Ground Termination	Yes	Yes	Yes	Yes
TIME DELAY SETTINGS				
Override Normal Source Momentary Outage	1 or 3 Seconds	0 to 6 Seconds	0 to 6 Seconds	0 to 6 Seconds
Transfer to Emergency	10 Seconds	0 to 60 Minutes 59 Seconds	0 to 60 Minutes	0 to 60 Minutes
Re-transfer to Normal Utility Power Loss Mode	5 Minutes	0 to 60 Minutes 59 Seconds	0 to 60 Minutes	0 to 60 Minutes
Engine Cool Down	2 or 5 Minutes	0 to 60 Minutes 59 Seconds	0 to 60 Minutes	0 to 60 Minutes
Override Emergency Source Momentary Outage	4 Seconds	0 to 6 Seconds	0 to 60 Minutes	0 to 60 Minutes
Emergency Exerciser	7 Day	7 Day	Programmable	Programmable
INDICATION AND CONTROLS				
Load Connected to Normal	Yes	Yes	Yes	Yes
Load Connected to Emergency	Yes	Yes	Yes	Yes
Normal Source Available	Yes	Yes	Yes	Yes
Emergency Source Available	Yes	Yes	Yes	Yes
Transfer Test Switch	Yes	Yes	Yes	Yes
Terminals for Remote Transfer Control	Standard	Standard	Standard	Standard
By-pass Time Delay	Yes	Yes	Yes	Yes
Transfer Inhibit	N/A	Yes	Yes	Yes
In-Phase Monitor	N/A	Yes	Yes	Yes
Load Disconnect Contacts with Time Delay	N/A	Standard	Optional	Optional
Event Log	N/A	Optional	Yes	Yes
Power Manager	N/A	Optional	Optional	Optional
Transfer Controls Lock Out	N/A	N/A	Yes	Optional
ENCLOSURES				
Type 1 / 3R	Yes	Yes	Yes	Yes
Type 4 / 4X / 12	N/A	Yes	Yes	Yes
CONNECTIVITY				
RS-485 Serial	N/A	Yes	Yes	Yes
Ethernet	Yes	Yes	Yes	Yes
Modbus	N/A	Yes	Yes	Yes
Monitoring and Control via ASCO Products	Yes	Yes	Yes	Yes