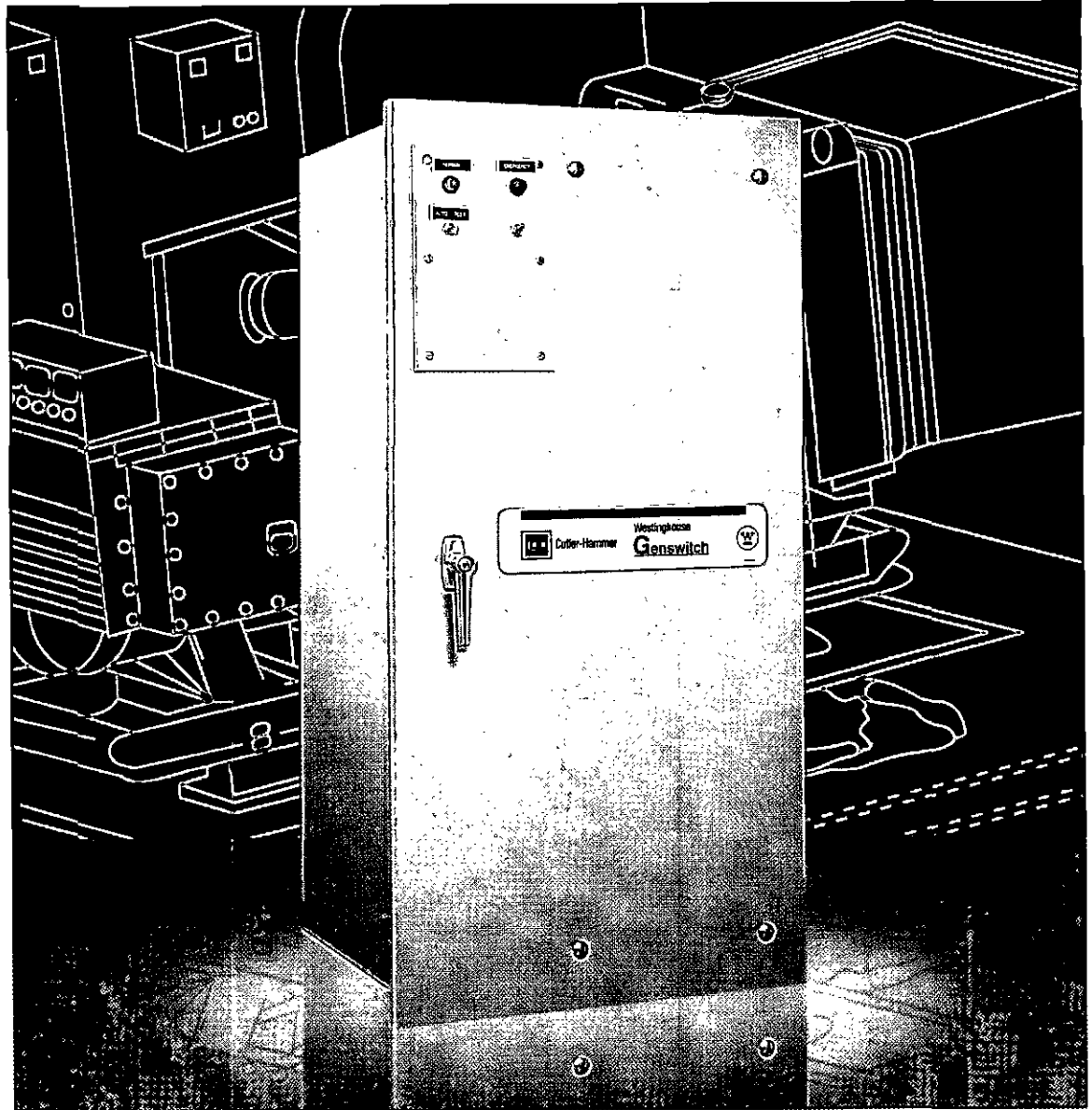


Westinghouse Transfer Switch Equipment

Genswitch
Automatic Transfer Switches
30-1000 Amperes

An economical transfer switch for basic standby applications, featuring a microprocessor-based controller with standard option package



Cutler-Hammer

EATON

Westinghouse Transfer Switch Equipment

Dimensions & Weights

PRODUCT DESCRIPTION

An economical line of transfer switches with microprocessor based logic, featuring a standard option package, for basic stand-by power applications on 30-1000 ampere systems up to 600 volts, 2, 3 or 4 pole.

STANDARD FEATURES

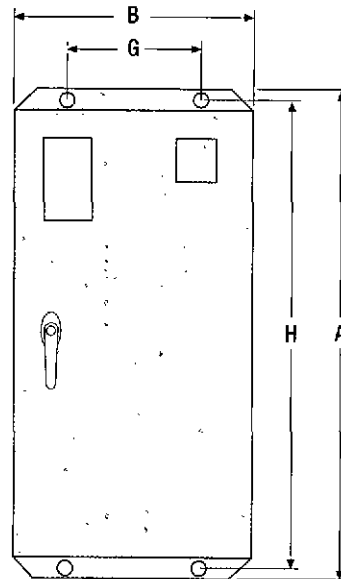
- UL 1008 Listed
- Microprocessor Based Logic
- Vertical In-Line Mechanism
- Multi-Tap Voltage Selector
- Normal/Standby Source Monitoring
- Option Group 9 (see below)
- Plant Exerciser with Fail Safe (programmable)
- Molded Case Switch Contacts
- High Withstand, Closing, and Interrupting Ratings
- Manual Transfer Under Full Load
- Seismic Zone 4 Certified
- American Bureau of Shipping Qualified
- Engine Start Contacts

OPTION GROUP 9

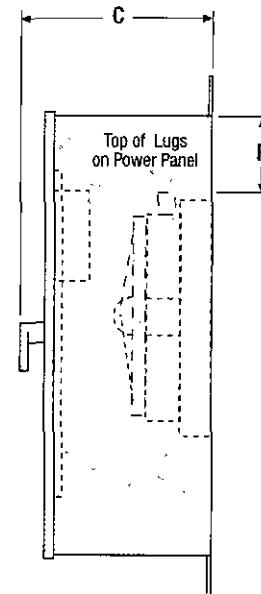
- Time Delay Normal to Emergency
- Time Delay Engine Start
- Time Delay Emergency to Normal
- Time Delay Engine Cooldown
- Emergency Source Sensing
- Pilot Light—Normal
- Pilot Light—Emergency
- Auxiliary Contacts (4NO/NC)—Normal
- Auxiliary Contacts (4NO/NC)—Emergency

AVAILABLE OPTIONS

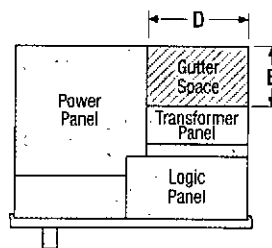
- 32A Time Delay Neutral
- 35A Pretransfer Signal Contacts (2NO/2NC)
- NEMA 3R Enclosure
- NEMA 4 Enclosure
- NEMA 12 Enclosure



Front View



Side View



Plan View

	Approx. Shipping Weight (lbs.)
30-100A	210
150-300A	380
400A	430
600A	525
800-1000A	610

Switch Type	Power Panel			Enclosure			Gutter Space			Bolt Pattern	
	Height (In.)	Width (In.)	Depth (In.) ^①	Height (In.) ^②	Width (In.) ^②	Depth (In.) ^②	Width (In.)	Depth (In.)	Bending (In.)	Horizontal (In.)	Vertical (In.)
	A	B	C	D	E	F	G	H			
FD (30-100A)	11.00	17.00	6.81	44	21	18.13	21	14.5	4	11.00	42.86
KD (150-225A)	24.50	11.88	17.5	44	21	19.63	8	4.00	6	11.00	42.86
KD (300A)	24.50	11.88	17.5	52	21	19.63	8	4.00	9	11.00	50.86
LD (400A)	26.00	16.88	17.5	61	26	19.63	8	4.00	11	16.00	59.86
MA (600A)	36.25	16.88	17.5	73	26	20.63	8	4.75	12	16.00	71.86
NB (800A)	36.25	16.88	19.0	79	26	20.63	8	4.75	15	16.00	77.86
NB (1000A)	36.25	16.88	19.0	79	26	20.63	8	4.75	15	16.00	77.86
ND (800A)	36.25	16.88	19.0	79	26	20.63	8	4.75	15	16.00	77.86
ND (1000A)	36.25	16.88	19.0	79	26	20.63	8	4.75	15	16.00	77.86

Logic Panel 38 in. H x 11 in. W x 6.5 in. D

Transformer Panel 22 in. H x 16.5 in. W x 6.5 in. D (30-100A)

28.63 in. H x 8.25 in. W x 5.5 in. D (150-1000A)

① Depth includes the interior handle extended.

② Enclosure depth includes the exterior (or door) handle.

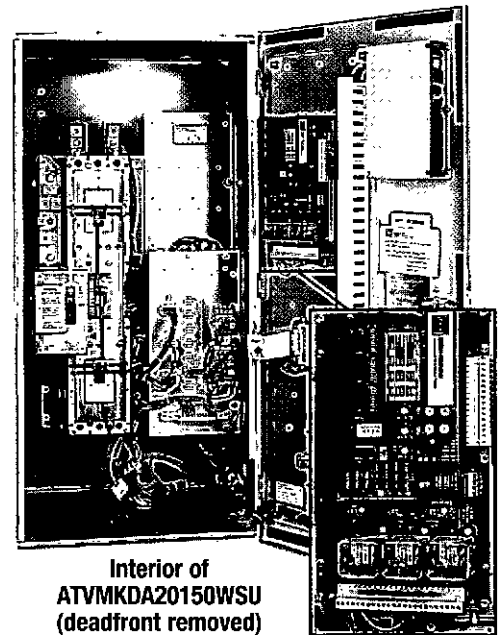
Features and Ratings

STANDARD WITHSTAND, CLOSING & INTERRUPTING RATINGS (SEE NOTES) ① ②

Rating when used with upstream breaker (kA) Rating when used with upstream fuse (kA)

Ampere Rating	240V	480V	600V	Max. Fuse Rating	Fuse Type	480V
30-100	100	65	25	200	J,T	200
150	100	65	25	400	J,T	200
225	100	65	25	400	J,T	200
300	100	65	25	400	J,T	200
400	100	65	25	600	J,T	200
600	65	50 ④	25	800/1200	J,T	100/200
800	65	50 ④	25	1200/1600	L	100/200
1000	65	50 ④	25	1600	L	200

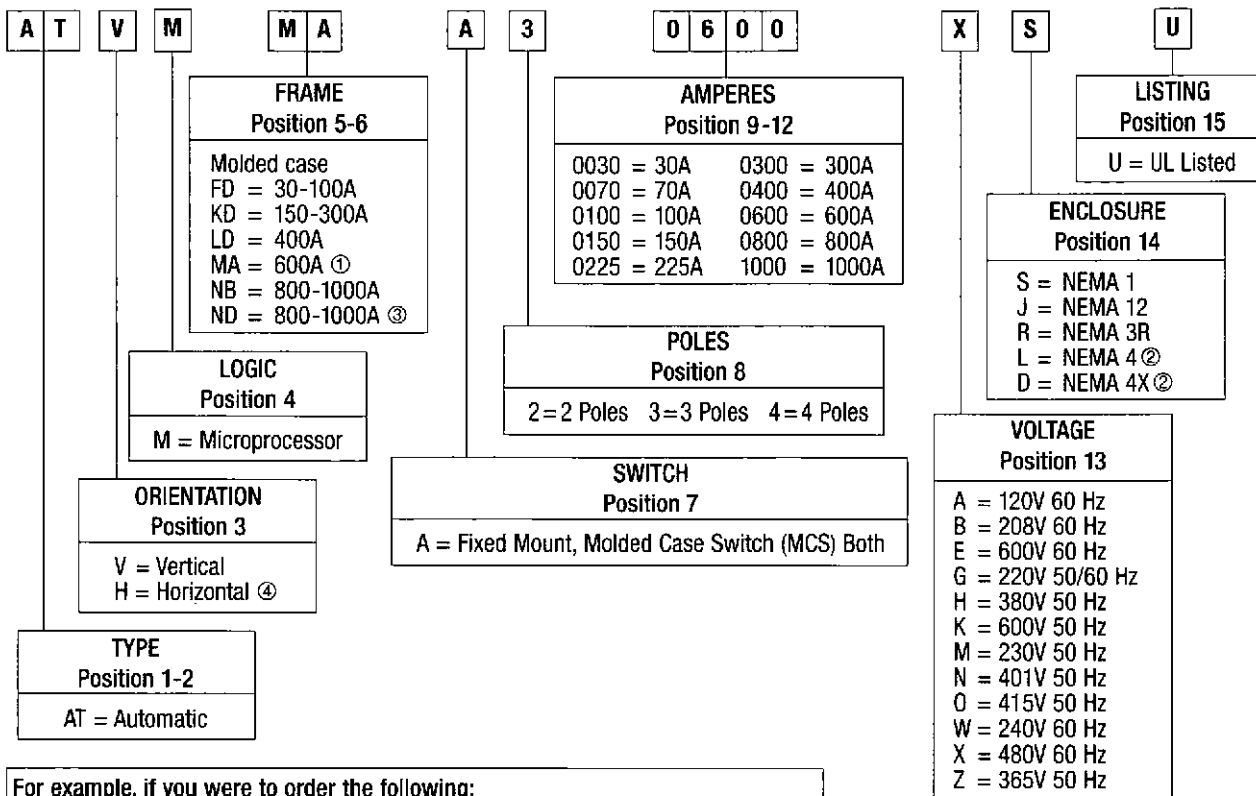
- ① Tested in accordance with UL 1008.
- ② For maximum breaker ratings in circuits where the Transfer Switch is evaluated as a "motor branch circuit conductor" refer to the NEC Section 430-25 for sizing.
- ③ Also can use Class RK5 fuse with 100kA rating.
- ④ 4 Pole units are rated 35kA.



Interior of
ATVMKDA20150WSU
(deadfront removed)

Microprocessor
Logic Detail

CATALOG NUMBERS



For example, if you were to order the following:
Genswitch Automatic Transfer Switch, 480 Volts, 60 Hz, 3 phase, 4 wire, 3 pole,
600 amperes NEMA 1 enclosure, UL Listed
The ordering catalog sequence would be: **ATVMMAA30600XSU**

- ① With 4 pole 600 Amperes use NB.
- ② Contact factory for price and availability.
- ③ Contact factory for availability.
- ④ 30-100 Amperes only.

**FOR ADDITIONAL INFORMATION
ON WESTINGHOUSE TRANSFER
SWITCHES:**

Bypass Isolation Transfer Switches 800-3000 Amperes	B 1221
Mini-SPB Transfer Switches 600-1200 Amperes	B 1222
ATS Solid State Logic	SA 12075
ATS Renewal Parts Catalog	SA 12077
Automatic, Manual, Non-Automatic Transfer Switches Vertical Design 150-1000 Amperes	B 1223
Automatic, Manual, Non-Automatic Transfer Switches 30-4000 Amperes, Price List	PL 29-920
Transfer Switch Equipment 30-4000 Amperes	TB 29-925
ATS Renewal Parts Price List	PL 29-995
Combination Bypass Isolation and Automatic Transfer Switches 100-1000 Amperes	SA 11844
Drawout Transfer Switches 800-4000 Amperes	SA 11873
IQ Transfer	SA 12142
Service Equipment Rated Transfer Switches	SA 12149
SPB Fixed Mount Transfer Switches 800-4000 Amperes	SA 12145
Residential/Light Commercial Automatic Transfer Switches	SA 198

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Cutler-Hammer

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