

# Transfer Switch Selection Guide



Cutler-Hammer

## Transfer Switch Equipment Catalog Numbering System

Catalog Number	Type	Orientation	Logic	Frame	Switch	Poles	Amperes	Voltage	Enclosure	Listing
<b>Example</b> Residential (208 - 240Vac 1 Phase) (30A - 200A)	RT = Residential	H = Horizontal	M = Microprocessor	Molded Case Device FD = 30 - 225A	Fixed Mount A=FM, N(MCS) E(MCS)	2 = 2 Poles	0030 = 30A 0070 = 70A 0100 = 100A 0150 = 150A 0200 = 200A	B=208V 60Hz Single Phase W=240V 60Hz Single Phase	S=NEMA 1 R=NEMA 3R	U=UL Listed R=UL Recognized X=No Listing
Manual (600Vac) (30A - 1000A)	MT = Manual	H = Horizontal V = Vertical	X = No Logic	Molded Case Device FD = 30 - 150A KD = 150 - 300A LD = 400 - 600A MD = 600 - 800A NB = 800 - 1000A	Fixed Mount A=FM, N(MCS) E(MCS) B=FM, N(MCB) E(MCB) C=FM, N(MCB) E(MCS) D=FM, N(MCS) E(MCB)	2 = 2 Poles 3 = 3 Poles 4 = 4 Poles	0030 = 30A 0070 = 70A 0100 = 100A 0150 = 150A 0225 = 225A 0300 = 300A 0400 = 400A 0600 = 600A 0800 = 800A 1000 = 1000A	E=600V 60Hz	K=Open S=NEMA 1 J=NEMA 12 R=NEMA 3R L=NEMA 4 D=NEMA 4X	U=UL Listed R=UL Recognized X=No Listing
Non-Automatic (600Vac) (30A - 4000A)	NT = Non-Automatic	H = Horizontal V = Vertical	S = Solid State	Molded Case Device FD = 30 - 150A KD = 150 - 300A LD = 400 - 600A MD = 600 - 800A NB = 800 - 1000A Insulated Case Device (SPB) SP = 600 - 4000A	Fixed Mount A=FM, N(M/ICS) E(M/ICS) B=FM, N(M/ICB) E(M/ICB) C=FM, N(M/ICB) E(M/ICS) D=FM, N(M/ICS) E(M/ICB) Drawout Mount E=DO, N(ICS) E(ICS) F=DO, N(ICB) E(ICB) G=DO, N(ICB) E E(ICS) H=DO N(ICS) E(ICB)	2 = 2 Poles 3 = 3 Poles 4 = 4 Poles (4 Poles - 3000A Maximum)	0030 = 30A 0070 = 70A 0100 = 100A 0150 = 150A 0225 = 225A 0300 = 300A 0400 = 400A 0600 = 600A 0800 = 800A 1000 = 1000A 1200 = 1200A 1600 = 1600A 2000 = 2000A 2500 = 2500A 3000 = 3000A 4000 = 4000A	A=120V 60Hz B=208V 60Hz E=600V 60Hz G=220V 50/60Hz H=380V 50Hz K=600V 50Hz M=230V 50Hz N=401V 50Hz O=415V 50Hz W=240V 60Hz X=480V 60Hz Z=365V 50Hz	K=Open S=NEMA 1 R=NEMA 3R J=NEMA 12 L=NEMA 4 D=NEMA 4X (J, L and D 65kAIC, 1200A and below only)	U=UL Listed R=UL Recognized X=No Listing
Maintenance Bypass (600Vac) (100A - 1000A)	MB = Maintenance Bypass	H = Horizontal	E = Electro mechanical	Molded Case Device FD = 100 - 150A KD = 150 - 300A LD = 400 - 600A MD = 600 - 800A NB = 800 - 1000A	Fixed Mount A=FM, N(MCS) E(MCS)	2 = 2 Poles 3 = 3 Poles 4 = 4 Poles	0100 = 100A 0150 = 150A 0225 = 225A 0300 = 300A 0400 = 400A 0600 = 600A 0800 = 800A 1000 = 1000A	A=120V 60Hz B=208V 60Hz E=600V 60Hz G=220V 50/60Hz H=380V 50Hz K=600V 50Hz M=230V 50Hz N=401V 50Hz O=415V 50Hz W=240V 60Hz X=480V 60Hz Z=365V 50Hz	K=Open S=NEMA 1 J=NEMA 12 R=NEMA 3R L=NEMA 4 D=NEMA 4X	U=UL Listed R=UL Recognized X=No Listing
Automatic (Wall Mount) (600Vac) (30A - 1000A)	AT = Automatic	H = Horizontal V = Vertical	2 = ATC-400* (* for 240/120 and 208Y/120V ac systems only) 4 = ATC-400 I = ATC-600 IQ Transfer M = Microprocessor S = Solid State	Molded Case Device FD = 30 - 225A KD = 150 - 300A LD = 400 - 600A MD = 600 - 800A NB = 800 - 1000A	Fixed Mount A=FM, N(MCS) E(MCS) B=FM, N(MCB) E(MCB) C=FM, N(MCB) E(MCS) D=FM, N(MCS) E(MCB)	2 = 2 Poles 3 = 3 Poles 4 = 4 Poles	0030 = 30A 0070 = 70A 0100 = 100A 0150 = 150A 0200 = 200A 0225 = 225A 0300 = 300A 0400 = 400A 0600 = 600A 0800 = 800A 1000 = 1000A	A=120V 60Hz B=208V 60Hz E=600V 60Hz G=220V 50/60Hz H=380V 50Hz K=600V 50Hz M=230V 50Hz N=401V 50Hz O=415V 50Hz W=240V 60Hz X=480V 60Hz Z=365V 50Hz	K=Open S=NEMA 1 J=NEMA 12 R=NEMA 3R L=NEMA 4 D=NEMA 4X	U=UL Listed R=UL Recognized X=No Listing
Automatic (Free Standing) (600Vac) (600A - 4000A)	AT = Automatic	V = Vertical	I = ATC-600 IQ Transfer	Insulated Case Device (SPB) SP = 600 - 4000A	Fixed Mount A=FM, N(ICS) E(ICS) B=FM, N(ICB) E(ICB) C=FM, N(ICB) E(ICS) D=FM, N(ICS) E(ICB) Drawout Mount E=DO, N(ICS) E(ICS) F=DO, N(ICB) E(ICB) G=DO, N(ICB) E(ICS) H=DO N(ICS) E(ICB)	2 = 2 Poles 3 = 3 Poles 4 = 4 Poles (4 Poles - 3000A Maximum)	0600 = 600A 0800 = 800A 1000 = 1000A 1200 = 1200A 1600 = 1600A 2000 = 2000A 2500 = 2500A 3000 = 3000A 4000 = 4000A (600A-FM Only)	A=120V 60Hz B=208V 60Hz E=600V 60Hz G=220V 50/60Hz H=380V 50Hz K=600V 50Hz M=230V 50Hz N=401V 50Hz O=415V 50Hz W=240V 60Hz X=480V 60Hz Z=365V 50Hz	K=Open S=NEMA 1 R=NEMA 3R J=NEMA 12 L=NEMA 4 D=NEMA 4X (J, L and D 65kAIC, 1200A and below only)	U=UL Listed R=UL Recognized X=No Listing
Automatic Closed Transition (<100ms) (600Vac) (600A - 4000A)	CT = Closed Transition	V = Vertical	I = ATC-800 Closed Transition IQ Transfer	Insulated Case Device (SPB) SP = 600 - 4000A	Fixed Mount A=FM, N(ICS) E(ICS) B=FM, N(ICB) E(ICB) C=FM, N(ICB) E(ICS) D=FM, N(ICS) E(ICB) Drawout Mount E=DO, N(ICS) E(ICS) F=DO, N(ICB)\ E(ICB) G=DO, N(ICB) E(ICS) H=DO N(ICS) E(ICB)	2 = 2 Poles 3 = 3 Poles 4 = 4 Poles (4 Poles - 3000A Maximum)	0600 = 600A 0800 = 800A 1000 = 1000A 1200 = 1200A 1600 = 1600A 2000 = 2000A 2500 = 2500A 3000 = 3000A 4000 = 4000A (600A-FM Only)	A=120V 60Hz B=208V 60Hz E=600V 60Hz G=220V 50/60Hz H=380V 50Hz K=600V 50Hz M=230V 50Hz N=401V 50Hz O=415V 50Hz W=240V 60Hz X=480V 60Hz Z=365V 50Hz	K=Open S=NEMA 1 R=NEMA 3R J=NEMA 12 L=NEMA 4 D=NEMA 4X (J, L and D 65kAIC, 1200A and below only)	U=UL Listed R=UL Recognized X=No Listing
Bypass Isolation (600Vac) (100A - 1000A)	BI = Bypass Isolation	H = Horizontal	I = ATC-600 IQ Transfer S = Solid State	Molded Case Device FD = 100 - 150A KD = 150 - 300A LD = 400 - 600A NB = 600 - 1000A	Fixed Mount A=FM, N(MCS) E(MCS) B=FM, N(MCB) E(MCB) C=FM, N(MCB) E(MCS) D=FM, N(MCS) E(MCB)	2 = 2 Poles 3 = 3 Poles 4 = 4 Poles	0100 = 100A 0150 = 150A 0225 = 225A 0300 = 300A 0400 = 400A 0600 = 600A 0800 = 800A 1000 = 1000A	A=120V 60Hz B=208V 60Hz E=600V 60Hz G=220V 50/60Hz H=380V 50Hz K=600V 50Hz M=230V 50Hz N=401V 50Hz O=415V 50Hz W=240V 60Hz X=480V 60Hz Z=365V 50Hz	S=NEMA 1	U=UL Listed R=UL Recognized X=No Listing
Bypass Isolation (600Vac) (800A - 4000A)	BI = Bypass Isolation	V = Vertical	I = ATC-600 IQ Transfer	Insulated Case Device (SPB) SP = 600 - 4000A	Drawout Mount E=DO, N(ICS) E(ICS) F=DO, N(ICB) E(ICB) G=DO, N(ICB) E(ICS) H=DO N(ICS) E(ICB)	2 = 2 Poles 3 = 3 Poles 4 = 4 Poles (4 Poles - 3000A Maximum)	0800 = 800A 1000 = 1000A 1200 = 1200A 1600 = 1600A 2000 = 2000A 2500 = 2500A 3000 = 3000A 4000 = 4000A	A=120V 60Hz B=208V 60Hz E=600V 60Hz G=220V 50/60Hz H=380V 50Hz K=600V 50Hz M=230V 50Hz N=401V 50Hz O=415V 50Hz W=240V 60Hz X=480V 60Hz Z=365V 50Hz	S=NEMA 1	U=UL Listed R=UL Recognized X=No Listing
Closed Transition Bypass Isolation (<100ms) (600Vac)(800A - 4000A)	CB = Closed Transition Bypass Isolation	V = Vertical	I = ATC-800 Closed Transition IQ Transfer	Insulated Case Device (SPB) SP = 600 - 4000A	Drawout Mount E=DO, N(ICS) E(ICS) F=DO, N(ICB) E(ICB) G=DO, N(ICB) E(ICS) H=DO N(ICS) E(ICB)	2 = 2 Poles 3 = 3 Poles 4 = 4 Poles (4 Poles - 3000A Maximum)	0800 = 800A 1000 = 1000A 1200 = 1200A 1600 = 1600A 2000 = 2000A 2500 = 2500A 3000 = 3000A 4000 = 4000A	A=120V 60Hz B=208V 60Hz E=600V 60Hz G=220V 50/60Hz H=380V 50Hz K=600V 50Hz M=230V 50Hz N=401V 50Hz O=415V 50Hz W=240V 60Hz X=480V 60Hz Z=365V 50Hz	S=NEMA 1	U=UL Listed R=UL Recognized X=No Listing
Closed Transition Soft Load (600Vac) (600A - 4000A)	CT = Closed Transition	V = Vertical	C = Soft Load P = Soft Load Parallel Source	Insulated Case Device (SPB) SP = 600 - 4000A	Fixed Mount A=FM, N(ICS) E(ICS) B=FM, N(ICB) E(ICB) C=FM, N(ICB) E(ICS) D=FM, N(ICS) E(ICB) Drawout Mount E=DO, N(ICS) E(ICS) F=DO, N(ICB) E(ICB) G=DO, N(ICB) E(ICS) H=DO N(ICS) E(ICB)	2 = 2 Poles 3 = 3 Poles 4 = 4 Poles (4 Poles - 3000A Maximum)	0600 = 600A 0800 = 800A 1000 = 1000A 1200 = 1200A 1600 = 1600A 2000 = 2000A 2500 = 2500A 3000 = 3000A 4000 = 4000A	A=120V 60Hz B=208V 60Hz E=600V 60Hz G=220V 50/60Hz H=380V 50Hz K=600V 50Hz M=230V 50Hz N=401V 50Hz O=415V 50Hz W=240V 60Hz X=480V 60Hz Z=365V 50Hz	S=NEMA 1 R=NEMA 3R (NEMA 3R Walk-In or Non-Walk-In)	U=UL Listed R=UL Recognized X=No Listing
Peaking Switch (600Vac) (400A - 4000A)	PS =Peaking Switch	V = Vertical	N = Peaking	Contactors CT = 400 - 540A Insulated Case Device (SPB) SP = 600 - 4000A	Fixed Mount A=FM, N(ICS) E(ICS) B=FM, N(ICB) E(ICB) C=FM, N(ICB) E(ICS) D=FM, N(ICS) E(ICB) I=FM, Contactor Drawout Mount E=DO, N(ICS) E(ICS) F=DO, N(ICB) E(ICB) G=DO, N(ICB) E(ICS) H=DO N(ICS) E(ICB)	2 = 2 Poles 3 = 3 Poles 4 = 4 Poles (4 Poles - 3000A Maximum)	0400 = 400A 0540 = 540A 0800 = 800A 1000 = 1000A 1200 = 1200A 1600 = 1600A 2000 = 2000A 2500 = 2500A 3000 = 3000A 4000 = 4000A	A=120V 60Hz B=208V 60Hz E=600V 60Hz G=220V 50/60Hz H=380V 50Hz K=600V 50Hz M=230V 50Hz N=401V 50Hz O=415V 50Hz W=240V 60Hz X=480V 60Hz Z=365V 50Hz	K=Open S=NEMA 1 J=NEMA 12 R=NEMA 3R L=NEMA 4 D=NEMA 4X	U=UL Listed R=UL Recognized X=No Listing