FEATURES-STORED ENERGY K-LINE® BREAKERS 2 AND 3 POLE

		Drawout			Stationary
		K225 K600 K1600 K2000	K3000 K4000	K-Don® 600 1600	KSP™ 1200 1600 2000
Standard Features include:					
Manually Operated:	Springs charged and breaker closed with manual handle	X	No	X	X
	Springs charged only with manual handle	No	X	No	No
	Manual close lever	No	X (Door Closed)	No	No
	Springs-charged indicator	No	X	No	No
Electrically Operated:	Springs charged with motor - after trip	X	X	X	X
	Shunt trip device	X	X	X	X
	Control relay	X	X	X	X
	Charging-motor disconnect switch	X	X	X	X
	Springs-charged indicator	X	X	X	X
	Secondary disconnects	X	X	X	No
	4-Contact auxiliary switch	X	X	X	X
	Manual close lever - door closed	X	X	X	X
	Closing push-button (on escutcheon)	X	X	X	X
	Provision for manual spring charge	X (Door Open)	X (Door Closed)	X (Door Open)	X (Door Open)
Manually or Electrically Operated:					
Manual trip button		X	X	X	X
Breaker contact-position indicator		X	X	X	X
Breaker racking-position indicator		X	X	X	No
Racking interlock (breaker must be open prior to racking)		X	X	X	No
Positive racking stops		No	X	No	No
Padlock hasp - up to three locks (locks breaker trip-free and in position)		X	X	X	X
Breaker interchangeability interlock		X	X	X	No
Direct-acting overcurrent trip devices (dual-magnetic and other combinations, except dual selective.)		X	X	X	No
Automatic-trip indicator (overcurrent and undervoltage trip)		X	X	X	No
Primary disconnects - (operating position only)		X	X	X	No
Ground disconnect - (operating and test position only)		X	X	X	No
Manual slow-close provision		X	X	X	X
Actuator to discharge springs on withdrawal from switchboard		X	X	X	No
Amp-trap† current-limiting fuses		No	No	X	X
Anti-single-phase device		No	No	X	X
Additional Optional Features: (E. O. or M. O. except as noted)					
Local trip button - (on escutcheon)		X	X	X	X
Shunt trip with 4-contact auxiliary switch (2 spares)* - M.O. only		X	X	X	X
Omit shunt trip - use undervoltage - E.O. only		X	X	X	X
Mechanical lockout on automatic trip (reset by indicator)					
- Overcurrent and undervoltage trip		X	X	X	No
- Overcurrent alone (special trip for undervoltage)		X	X	X	No
Alarm switches - 1 N.O. and 1 N.C. (manual reset by indicator and/or remote electrical)					
- Overcurrent and undervoltage trip		X	X	X	No
- Overcurrent alone (special trip for undervoltage)		X	X	X	No
Auxiliary switches - spares*					
- 4 or 8 Contacts - E.O. only		X	X	X	X
- 4, 8 or 12 Contacts - M.O. only		X	X	X	X

†Reg. TM, The Chase-Shawmut Co.
*Spare contacts available for custom use, independent of control and indicating light circuits.

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FEATURES-STORED ENERGY K-LINE BREAKERS 2 AND 3 POLE (Cont.)

Additional Optional Features: (E. O. or M. O. except as noted) - continued	Drawout			Stationary
	K225 K600 K1600 K2000	K3000 K4000	K-Don 600 1600	KSP 1200 1600 2000
Dual-Selective trip device	X	X	X	No
Undervoltage trip device - Instantaneous	X	X	X	X
- Adjustable time delay (0-15 seconds)	X	X	X	X
Capacitor trip device (mounts in switchboard)	X	X	X	X
Guard for:				
- Motor disconnect switch (inadvertent operation)	X	X	X	X
- Manual trip button (inadvertent operation)	X	X	X	X
Operation counter	X	X	X	X
Manual-close-lever cover plate	X	X	X	X
Remote electrical-close release - M. O. only	No	X	No	No
Transformer trip - 5A coil	X	No	X	No
Wiring change to charge springs when breaker closes	X	X	X	X
Hinged door interlock - door locked when breaker closed	X	X	X	X
Fuse door interlock	No	No	No	X
Operating frequency variance				
- 50 cycles	X	X	X	X
- 25 cycles	X	X	No	No
Special direct-acting overcurrent trip device calibration	X	X	X	No
Direct-acting overcurrent trip device alarm switch	X	X	X	No
Latch-check switch	X	No	X	No
Mechanical transfer interlock-two breakers using flexible cable arrangement	X	X	X	X
Additional secondary disconnects up to 32 maximum	X	X	X	No
Secondary disconnects - operating and/or test position only	X	X	X	No
By-pass switches - "b" only - 5 maximum	X	X	X	No
Truck-operated auxiliary switches - 8 maximum	X	X	X	No
Key interlocks - switchboard mounted - 2 maximum	X	X	X	X bkr. mtd.
Tropicalization treatment	X	X	X	X
Corrosive atmosphere treatment (state atmosphere)	X	X	X	X
Standard Accessories:				
Racking Crank	X	X	X	No
Lifting yoke	X	X	X	Optional
Maintenance spring charge handle - E. O. only	X	X	X	X
Slow-close bracket	No	X	No	No
Optional Accessories:				
Transfer and lift truck	X	X	X	No
Overhead sliding hoist - (standard outdoor)	X	X	X	No
Floor dolly	X	X	X	No

*Spare contacts available for custom use, independent of control and indicating light circuits.

TYPE K-225 CIRCUIT BREAKER

Maximum Voltage Rating
630 Volts ac
300 Volts dc

Mechanical Life
25000 Operations
No Load

Maximum Continuous Current Rating (Based on enclosed with maximum 40C outside ambient)		
	Ventilated	Unventilated
50/60 Cycle	225 A	225 A
25 Cycle	225 A	225 A
DC	225 A	225 A

Maximum Short Circuit Current Rating				
Voltage	600 V ac	480V ac	240V ac	250V dc
Current	14000 Sym. A	22000 Sym. A	25000 Sym. A	15000 A

Short-time current rating (½ sec. without direct-acting trip devices) 14000 A.
Close and latch rating (with selective (delayed) direct-acting trip devices) 14000 A.

Nominal Interrupting Times
0 - 25% of rating 5 cycles
25 - 100% of rating 1.5 cycles

Nominal Operating Times		
Charging	Closing*	Tripping*
2 sec.	5 cycles	1.5 cycles

*Time from energizing to contact touch or part

Dielectric Withstand (60 cycle - 1 minute)
Basic Breaker - 2200V*
Control Circuit (less motor) 1500V*
Charging Motor - 900V†

*Tests in field to be run at 75% of listed value
†Tests in field to be run at 60% of listed value

Nominal Control Power Requirements					
	115V ac	230V ac	48V dc	125V dc	250V dc
Closing Control Range	95-125V	190-250V	35-50V	90-130V	180-260V
Charging Motor Current	10A	5A	25A	10A	5A
Closing Relay Current	1.5A	0.75A	1.33A	0.7A	0.3A
Tripping Control Range	50-125V	190-250V	28-60V	70-140V	140-280V
Shunt Trip Device Current	6.5A	1.15A	3.14A	1.3A	0.65A

This Circuit Breaker has been tested in accordance with USASI C37.13-1963

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TYPE K-600 CIRCUIT BREAKER

Maximum Voltage Rating
630 Volts ac
300 Volts dc

Mechanical Life
25000 Operations
No Load

Maximum Continuous Current Rating (Based on enclosed with maximum 40C outside ambient)		
	Ventilated	Unventilated
50/60 Cycle	600 A	600 A
25 Cycle	700 A	700 A
DC	800 A	800 A

Maximum Short-Circuit Current Rating				
Voltage	600V ac	480V ac	240V ac	250V dc
Current	22000 Sym. A	30000 Sym. A	42000 Sym. A	25000 A

Short-time current rating (½ sec. without direct-acting trip devices) 22000 A.
Close and latch rating (with selective (delayed) direct-acting trip devices) 22000 A.

Nominal Interrupting Times
0 - 25% of rating 5 cycles
25 - 100% of rating 1.5 cycles

Nominal Operating Times		
Charging	Closing*	Tripping*
2 sec.	5 cycles	1.5 cycles

*Time from energizing to contact touch or part

Dielectric Withstand (60 cycle - 1 minute)
Basic Breaker - 2200V*
Control Circuit (less motor) 1500V*
Charging Motor - 900V †

*Tests in field to be run at 75% of listed value
†Tests in field to be run at 60% of listed value

Nominal Control Power Requirements					
	115V ac	230V ac	48V dc	125V dc	250V dc
Closing Control Range	95-125V	190-250V	35-50V	90-130V	180-260V
Charging Motor Current	10A	5A	25A	10A	5A
Closing Relay Current	1.5A	0.75A	1.33A	0.7A	0.3A
Tripping Control Range	50-125V	190-250V	28-60V	70-140V	140-280V
Shunt Trip Device Current	6.5A	1.15A	3.14A	1.3A	0.65A

This Circuit Breaker has been tested in accordance with USASI C37.13-1963

TYPE K-1600 CIRCUIT BREAKER

Maximum Voltage Rating
630 Volts ac
300 Volts dc

Mechanical Life
8000 Operations
No Load

Maximum Continuous Current Rating (Based on enclosed with maximum 40C outside ambient)		
	Ventilated	Unventilated
50/60 Cycle	1600 A	1300 A
25 Cycle	1800 A	1450 A
DC	2000 A	1600 A

Maximum Short-Circuit Current Rating				
Voltage	600V ac	480V ac	240V ac	250V dc
Current	42000 Sym. A	50000 Sym. A	65000 Sym. A	50000 A

Short-time current rating (½ sec. without direct-acting trip devices) 42000 A at 600V, 50000 A at 480V and 240V.
Close and latch rating (with selective (delayed) direct-acting trip devices) 42000 A at 600V, 50000 A at 480V and 240V.

Nominal Interrupting Times
0 - 25% of rating 5 cycles
25 - 100% of rating 1.5 cycles

Nominal Operating Times		
Charging	Closing*	Tripping*
2 sec.	3½ cycles	1.5 cycles

*Time from energizing to contract touch or part

Dielectric Withstand (60 cycle - 1 minutes)
Basic Breaker - 2200V*
Control Circuit (less motor) 1500V*
Charging Motor - 900V†

*Tests in field to be run at 75% of listed value
†Tests in field to be run at 60% of listed values

Nominal Control Power Requirements					
	115V ac	230V ac	48V dc	125V dc	250V dc
Closing Control Range	95-125V	190-250V	35-50V	90-130V	180-260V
Charging Motor Current	10A	5A	25A	10A	5A
Closing Relay Current	1.5A	0.75A	1.33A	0.7A	0.3A
Tripping Control Range	50-125V	190-250V	28-60V	70-140V	140-280V
Shunt Trip Device Current	6.5A	1.15A	3.14A	1.3A	0.65A

This Circuit Breaker has been tested in accordance with USASI C37.13-1963

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TYPE K-2000 CIRCUIT BREAKER

Maximum Voltage Rating
630 Volts ac
300 Volts dc

Mechanical Life
8000 Operations
No Load

Maximum Continuous Current Rating (Based on enclosed with maximum 40C outside ambient)		
	Ventilated	Unventilated
50/60 Cycle	2000 A	1600 A
25 Cycle	2250 A	1800 A
DC	2500 A	2000 A

Maximum Short-Circuit Current Rating				
Voltage	600V ac	480V ac	240V ac	250V dc
Current	55000 Sym. A	65000 Sym. A	85000 Sym. A	65000 A

Short-time current rating (½ sec. without direct-acting trip devices) 55000 A.
Close and latch rating (with selective (delayed) direct-acting trip devices) 55000 A.

Nominal Interrupting Times
0 - 25% of rating 5 cycles
25 - 100% of rating 1.5 cycles

Nominal Operating Times		
Charging	Closing*	Tripping*
2 sec.	3½ cycles	1.5 cycles

*Time from energizing to contact touch or part

Dielectric Withstand (60 cycle - 1 minutes)
Basic Breaker - 2200V*
Control Circuit (less motor) 1500V*
Charging Motor - 900V†

*Tests in field to be run at 75% of listed value
†Tests in field to be run at 60% of listed value

Nominal Control Power Requirements					
	115V ac	230V ac	48V dc	125V dc	250V dc
Closing Control Range	95-125V	190-250V	35-50V	90-130V	180-260V
Charging Motor Current	10A	5A	25A	10A	5A
Closing Relay Current	1.5A	0.75A	1.33A	0.7A	0.3A
Tripping Control Range	50-125V	190-250V	28-60V	70-140V	140-280V
Shunt Trip Device Current	6.5A	1.15A	3.14A	1.3A	0.65A

This Circuit Breaker has been tested in accordance with USASI C37.13-1963

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TYPE K-3000 CIRCUIT BREAKER

Maximum Voltage Rating
630 Volts ac
300 Volts dc

Mechanical Life
3000 Operations
No Load

Maximum Continuous Current Rating (Based on enclosed with maximum 40C outside ambient)		
	Ventilated	Unventilated
50/60 Cycle	3000 A	2500 A
25 Cycle	3500 A	2800 A
DC	4000 A	3200 A

Maximum Short-Circuit Current Rating				
Voltage	600V ac	480V ac	240V ac	250V dc
Current	65000 Sym. A	65000 Sym. A	85000 Sym. A	75000 A

Short-time current rating (½ sec. without direct-acting trip devices) 65000 A.
Close and latch rating (with selective (delayed) direct-acting trip devices) 65000 A.

Nominal Interrupting Times
0 - 25% of rating 5 cycles
25 - 100% of rating 1.5 cycles

Nominal Operating Times		
Charging	Closing*	Tripping*
2 sec.	5 cycles	1.5 cycles

*Time from energizing to contact touch or part

Dielectric Withstand (60 cycle - 1 minute)
Basic Breaker - 2200V*
Control Circuit (less motor) 1500V*
Charging Motor - 900V†

*Tests in field to be run at 75% of listed value
†Tests in field to be run at 60% of listed value

Nominal Control Power Requirements					
	115V ac	230V ac	48V dc	125V dc	250V dc
Closing Control Range	95-125V	190-250V	35-50V	90-130V	180-260V
Charging Motor Current	10A	5A	25A	10A	5A
Closing Relay Current	4A	1.84A	5A	2A	1A
Tripping Control Range	50-125V	190-250V	28-60V	70-140V	140-280V
Shunt Trip Device Current	10A	1.84A	5A	2A	1A

This Circuit Breaker has been tested in accordance with USAIS C37.13-1963

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TYPE K-4000 CIRCUIT BREAKER

Maximum Voltage Rating
630 Volts ac
300 Volts dc

Mechanical Life
3000 Operations
No Load

Maximum Continuous Current Rating (Based on enclosed with maximum 40C outside ambient)		
	Ventilated	Unventilated
50/60 Cycle	4000 A	3200 A
25 Cycle	5000 A	4000 A
DC	6000 A	4300 A

Maximum Short-Circuit Current Rating				
Voltage	600V ac	480V ac	240V ac	250V dc
Current	85000 Sym. A	85000 Sym. A	130000 Sym. A	100000 A

Short-time current rating (½ sec. without direct-acting trip devices) 85000 A.
Close and latch rating (with selective (delayed) direct-acting trip devices) 85000 A.

Nominal Interrupting Times
0 - 25% of rating 5 cycles
25 - 100% of rating 1.5 cycles

Nominal Operating Times		
Charging	Closing*	Tripping*
2 sec.	5 cycles	1.5 cycles

*Time from energizing to contact touch or part

Dielectric Withstand (60 cycle - 1 minute)
Basic Breaker - 2200V*
Control Circuit (less motor) 1500V*
Charging Motor - 900V†

*Tests in field to be run at 75% of listed value
†Tests in field to be run at 60% of listed value

Nominal Control Power Requirements					
	115V ac	230V ac	48V dc	125V dc	250V dc
Closing Control Range	95-125V	190-250V	35-50V	90-130V	180-260V
Charging Motor Current	10A	5A	25A	10A	5A
Closing Relay Current	4A	1.84A	5A	2A	1A
Tripping Control Range	50-125V	190-250V	28-60V	70-140V	140-280V
Shunt Trip Device Current	10A	1.84A	5A	2A	1A

This Circuit Breaker has been tested in accordance with USAIS C37.13-1963

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K-DON®-600 CIRCUIT BREAKER

Maximum Voltage Rating
600 Volts ac
300 Volts dc

Maximum Continuous Current Rating (Based on enclosed with maximum 40C outside ambient)		
	Ventilated	Unventilated
50/60 Cycles	600 A	600 A
DC	600 A	600 A

Mechanical Life
25000 Operations
No Load

Maximum Short-Circuit Current Rating	
600V ac	300V dc
200000 Sym. A	100000 A

Replacement fuse type required for mounting and coordination-Chase Shawmut Cat. A4BY type 55AK

Nominal Interrupting Times
0 - 10% See breaker data sheet
10 - 50% 1.5 cycles
50 - 100% 1 cycle

Nominal Operating Times		
Charging	Closing*	Tripping*
2 sec.	5 cycles	1.5 cycles

*Time from energizing to contact touch or part

Dielectric Withstand (60 cycle - 1 minute)
Basic Breaker - 2200V*
Control Circuit (less motor) 1500V*
Charging Motor - 900V†

*Tests in field to be run at 75% of listed value
†Tests in field to be run at 60% of listed value

Nominal Control Power Requirements					
	115V ac	230V ac	48V dc	125V dc	250V dc
Closing Control Range	95-125V	190-250V	35-50V	90-130V	180-260V
Charging Motor Current	10A	5A	25A	10A	5A
Closing Relay Current	1.5A	0.75A	1.33A	0.7A	0.3A
Tripping Control Range	50-125V	190-250V	28-60V	70-140V	140-280V
Shunt Trip Device Current	6.5A	1.15A	3.14A	1.3A	0.65A

This Circuit Breaker has been tested in accordance with NEMA SG3-1965 Part 28.

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K-DON®-1600 CIRCUIT BREAKER

Maximum Voltage Rating
600 Volts ac
300 Volts dc

Maximum Continuous Current Rating (Based on enclosed with maximum 40C outside ambient)		
	Ventilated	Unventilated
50/60 Cycles	1600 A	1300 A
DC	1600 A	1300 A

Mechanical Life
8000 Operations
No Load

Maximum Short-Circuit Current Rating	
600V ac	300V dc
200000 Sym. A	100000 A

Replacement fuse type required for mounting and coordination-Chase Shawmut Cat. A4BY type 55AK.

Nominal Interrupting Times
0 - 20% See breaker data sheet
20 - 50% 1.5 cycles
50 - 100% 1 cycle

Nominal Operating Times		
Charging	Closing*	Tripping*
2 sec.	3½ cycles	1.5 cycles

*Time from energizing to contact touch or part

Dielectric Withstand (60 cycle - 1 minute)
Basic Breaker - 2200V*
Control Circuit (less motor) 1500V*
Charging Motor - 900V†

*Tests in field to be run at 75% of listed value
†Tests in field to be run at 60% of listed value

Nominal Control Power Requirements					
	115V ac	230V ac	48V dc	125V dc	250V dc
Closing Control Range	95-125V	190-250V	35-50V	90-130V	180-260V
Charging Motor Current	10A	5A	25A	10A	5A
Closing Relay Current	1.5A	0.75A	1.33A	0.7A	0.3A
Tripping Control Range	50-125V	190-250V	28-60V	70-140V	140-280V
Shunt Trip Device Current	6.5A	1.15A	3.14A	1.3A	0.65A

This Circuit Breaker has been tested in accordance with NEMA SG3-1965 Part 28.

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KSP™-1200 SERVICE PROTECTOR

Maximum Continuous Current Rating (Based on ventilated enclosed with maximum 40C outside ambient)	
50/60 Cycles	1200 A

Maximum Short-Circuit Current Rating
480V ac
200000 Sym. A

Maximum Voltage Rating
500 Volts ac

Mechanical Life
8000 Operations No Load

Maximum Switching Current Rating	
Voltage	480V ac and 240V ac
Current	14,400 A

Replacement fuse type recommended is Chase Shawmut Cat. AB4Y type 55 but may be any Underwriters Laboratories Inc. listed class L type. (1200 A)

Nominal Interrupting Times
Up to switching current rating - 5 cycles
At maximum short circuit current - 1 cycle

Nominal Operating Times		
Charging	Closing*	Tripping*
2 sec.	3½ cycles	1.5 cycles

*Time from energizing to contact touch or part

Dielectric Withstand (60 cycle - 1 minute)
Basic Breaker - 2200V*
Control Circuit (less motor) 1500V*
Charging Motor - 900V†

*Tests in field to be run at 75% of listed value
†Tests in field to be run at 60% of listed value

Nominal Control Power Requirements					
	115V ac	230V ac	48V dc	125V dc	250V dc
Closing Control Range	95-125V	190-250V	35-50V	90-130V	180-260V
Charging Motor Current	10A	5A	25A	10A	5A
Closing Relay Current	1.5A	0.75A	1.33A	0.7A	0.3A
Tripping Control Range	50-125V	190-250V	28-60V	70-140V	140-280V
Shunt Trip Device Current	6.5A	1.15A	3.14A	1.3A	0.65A

This Circuit Breaker has been tested in accordance with NEMA SG3-1965 Part 29

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KSP™-1600 SERVICE PROTECTOR

Maximum Continuous Current Rating (Based on ventilated enclosed with maximum outside ambient as listed below)		
	25C amb.	40C amb.
50/60 Cycles	1600 A	1400 A

Maximum Short-Circuit Current Rating
480V ac
200000 Sym. A

Maximum Voltage Rating
500 Volts ac

Mechanical Life
8000 Operations No Load

Maximum Switching Current Rating	
Voltage	480V ac and 240V ac
Current	19,200 A

Replacement fuse type recommended is Chase Shawmut Cat. AB4Y type 55 but may be any Underwriters Laboratories Inc. listed class L type. (1600 A)

Nominal Interrupting Times
Up to switching current rating - 5 cycles
At maximum short circuit current - 1 cycle

Nominal Operating Times		
Charging	Closing*	Tripping*
2 sec.	3½ cycles	1.5 cycles

*Time from energizing to contact touch or part

Dielectric Withstand (60 cycle - 1 minute)
Basic Breaker - 2200V*
Control Circuit (less motor) 1500V*
Charging Motor - 900V†

*Tests in field to be run at 75% of listed value
†Tests in field to be run at 60% of listed value

Nominal Control Power Requirements					
	115V ac	230V ac	48V dc	125V dc	250V dc
Closing Control Range	95-125V	190-250V	35-50V	90-130V	180-260V
Charging Motor Current	10A	5A	25A	10A	5A
Closing Relay Current	1.5A	0.75A	1.33A	0.7A	0.3A
Tripping Control Range	50-125V	190-250V	28-60V	70-140V	140-280V
Shunt Trip Device Current	6.5A	1.15A	3.14A	1.3A	0.65A

This Circuit Breaker has been tested in accordance with NEMA SG3-1965 Part 29

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KSP™-2000 SERVICE PROTECTOR

Maximum Continuous Current Rating (Based on ventilated enclosed with maximum outside ambient as listed below)		
	25C amb.	40C amb.
50/60 Cycles	2000 A	1800 A

Maximum Short-Circuit Current Rating
480V ac
200000 Sym. A

Maximum Voltage Rating
500 Volts ac

Mechanical Life
8000 Operations No Load

Maximum Switching-Current Rating	
Voltage	480V ac and 240V ac
Current	24,000 A

Replacement fuse type recommended is Chase Shawmut Cat. AB4Y type 55 but may be any Underwriters Laboratories Inc. listed class L type.(2000 A)

Nominal Interrupting Times
Up to switching current rating - 5 cycles
At maximum short circuit current - 1 cycle

Nominal Operating Times		
Charging	Closing*	Tripping*
2 sec.	3½ cycles	1.5 cycles

*Time from energizing to contact touch or part

Dielectric Withstand (60 cycle - 1 minute)
Basic Breaker - 2200V*
Control Circuit (less motor) 1500V*
Charging Motor - 900V†

*Tests in field to be run at 75% of listed value
†Tests in field to be run at 60% of listed value

Nominal Control Power Requirements					
	115V ac	230V ac	48V dc	125V dc	250V dc
Closing Control Range	95-125V	190-250V	35-50V	90-130V	180-260V
Charging Motor Current	10A	5A	25A	10A	5A
Closing Relay Current	1.5A	0.75A	1.33A	0.7A	0.3A
Tripping Control Range	50-125V	190-250V	28-60V	70-140V	140-280V
Shunt Trip Device Current	6.5A	1.15A	3.14A	1.3A	0.65A

This Circuit Breaker has been tested in accordance with NEMA SG3-1965 Part 29

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KSP™-3000 SERVICE PROTECTOR

Maximum Continuous Current Rating (Based on ventilated enclosed with maximum outside ambient as listed below)		
	25C amb.	40C amb.
50/60 Cycles	3000 A	2500 A

Maximum Short-Circuit Current Rating
480V ac
200000 Sym. A

Maximum Voltage Rating
500 Volts ac

Mechanical Life
3000 Operations No Load

Maximum Switching-Current Rating	
Voltage	480V ac and 240V ac
Current	36,000 A

Replacement fuse type recommended is Chase Shawmut Cat. AB4Y type 55 but may be any Underwriters Laboratories Inc.* listed class L type. (3000 A)

Nominal Interrupting Times
Up to switching current rating - 5 cycles
At maximum short circuit current - 1 cycle

Nominal Operating Times		
Charging	Closing*	Tripping*
2 sec.	5 cycles	1.5 cycles

*Time from energizing to contact touch or part

Dielectric Withstand (60 cycle - 1 minute)
Basic Breaker - 2200V*
Control Circuit (less motor) 1500V*
Charging Motor - 900V†

*Tests in field to be run at 75% of listed value
†Tests in field to be run at 60% of listed value

Nominal Control Power Requirements					
	115V ac	230V ac	48V dc	125V dc	250V dc
Closing Control Range	95-125V	190-250V	35-50V	90-130V	180-260V
Charging Motor Current	10A	5A	25A	10A	5A
Closing Relay Current	4A	1.84A	5A	2A	1A
Tripping Control Range	50-125V	190-250V	28-60V	70-140V	140-280V
Shunt Trip Device Current	10A	1.84A	5A	2A	1A

This Circuit Breaker has been tested in accordance with NEMA SG3-1965 Part 29

Printed in U.S.A.

KSP™-4000 SERVICE PROTECTOR

Maximum Continuous Current Rating (Based on ventilated enclosed with maximum outside ambient as listed below)		
	25C amb.	40C amb.
50/60 Cycles	4000 A	3200 A

Maximum Short-Circuit Current Rating
480V ac
200000 Sym. A

Maximum Voltage Rating
500 Volts ac

Mechanical Life
3000 Operations No Load

Maximum Switching-Current Rating	
Voltage	480V ac and 240V ac
Current	48,000 A

Replacement fuse type recommended is Chase Shawmut Cat. AB4Y type 55 but may be any Underwriters Laboratories Inc. listed class L type.(4000 A)

Nominal Interrupting Times
Up to switching current rating - 5 cycles
At maximum short circuit current - 1 cycle

Nominal Operating Times		
Charging	Closing*	Tripping*
2 sec.	5 cycles	1.5 cycles

*Time from energizing to contact touch or part

Dielectric Withstand (60 cycle - 1 minute)
Basic Breaker - 2200V*
Control Circuit (less motor) 1500V*
Charging Motor - 900V†

*Tests in field to be run at 75% of listed value
†Tests in field to be run at 60% of listed value

Nominal Control Power Requirements					
	115V ac	230V ac	48V dc	125V dc	250V dc
Closing Control Range	95-125V	190-250V	35-50V	90-130V	180-260V
Charging Motor Current	10A	5A	25A	10A	5A
Closing Relay Current	4A	1.84A	5A	2A	1A
Tripping Control Range	50-125V	190-250V	28-60V	70-140V	140-280V
Shunt Trip Device Current	10A	1.84A	5A	2A	1A

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