

ONESTO[®]

Quality has a name!



- SABS in accordance to IEC 60947-2, SANS 556-1
- Operating Voltage 690VAC - 50/60Hz
- At 40°Celsius



Code	Current Rating	kA Rating	Rated Operating Voltage
100S FRAME SIZE - 150 x 90 x 68			
KCM1-100S-32	32Amp	25kA	690V
KCM1-100S-40	40Amp	25kA	690V
KCM1-100S-50	50Amp	25kA	690V
KCM1-100S-63	63Amp	25kA	690V
KCM1-100S-80	80Amp	25kA	690V
KCM1-100S-100	100Amp	25kA	690V
<i>Refer to page 156 for MCCB Enclosures</i>			
225S FRAME SIZE 165 x 105 x 85			
KCM1-225S-125	125Amp	25kA	690V
KCM1-225S-160	160Amp	25kA	690V
KCM1-225S-200	200Amp	25kA	690V
KCM1-225S-225	225Amp	25kA	690V
KCM1-225S-250	250Amp	25kA	690V
<i>Refer to page 156 for MCCB Enclosures</i>			
400S FRAME SIZE 255 x 140 x 105			
KCM1-400S-315	315Amp	35kA	690V
KCM1-400S-350	350Amp	35kA	690V
KCM1-400S-400	400Amp	35kA	690V
<i>Refer to page 156 for MCCB Enclosures</i>			
630S FRAME SIZE 270 x 180 x 110			
KCM1-630S-500	500Amp	35kA	690V
KCM1-630S-630	630Amp	35kA	690V
<i>Refer to page 156 for MCCB Enclosures</i>			
800S FRAME SIZE 278 x 210 x 110			
KCM1-800S-800	800Amp	65kA	690V
1250S FRAME SIZE 405 x 210 x 140			
KCM1-1250S-1000	1000Amp	85kA	690V
KCM1-1250S-1250	1250Amp	85kA	690V

- SABS in accordance to IEC 60947-2; SANS 556-1
- Operating Voltage 690VAC - 50/60Hz
- At 40°Celsius



Code	Current Rating	kA Rating	Rated Operating Voltage
100S FRAME SIZE - 150 x 120 x 68			
KCM1-100S-32-4	32Amp	25kA	690V
KCM1-100S-40-4	40Amp	25kA	690V
KCM1-100S-50-4	50Amp	25kA	690V
KCM1-100S-63-4	63Amp	25kA	690V
KCM1-100S-80-4	80Amp	25kA	690V
KCM1-100S-100-4	100Amp	25kA	690V
225S FRAME SIZE 165 x 140 x 85			
KCM1-225S-125-4	125Amp	25kA	690V
KCM1-225S-160-4	160Amp	25kA	690V
KCM1-225S-200-4	200Amp	25kA	690V
KCM1-225S-225-4	225Amp	25kA	690V
KCM1-225S-250-4	250Amp	25kA	690V
400S FRAME SIZE 255 x 200 x 105			
KCM1-400S-315-4	315Amp	35kA	690V
KCM1-400S-350-4	350Amp	35kA	690V
KCM1-400S-400-4	400Amp	35kA	690V
630S FRAME SIZE 270 x 240 x 110			
KCM1-630S-500-4	500Amp	35kA	690V
KCM1-630S-630-4	630Amp	35kA	690V
800S FRAME SIZE 278 x 270 x 110			
KCM1-800S-800-4	800Amp	65kA	690V
1250S FRAME SIZE 405 x 270 x 140			
KCM1-1250S-1000-4	1000Amp	85kA	690V
KCM1-1250S-1250-4	1250Amp	85kA	690V

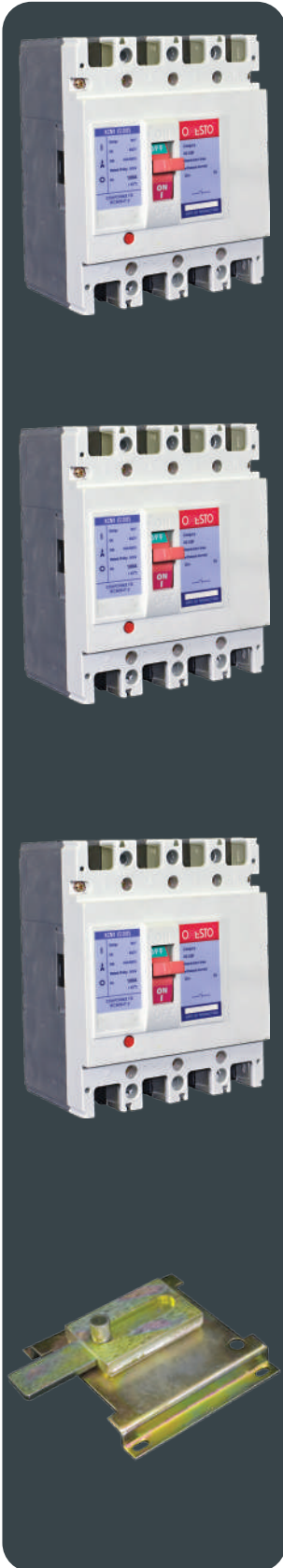
- Moulded case Isolators
- 3 Pole
- Operating voltage 690V
- Short time withstand current $12 \times I_n$ for 1 second



Code	Current Rating	Rated Operating Voltage
IS100S FRAME SIZE - 150 x 90 x 68		
KCM1-IS100S-100	100Amp	690V
IS225S FRAME SIZE - 165 x 105 x 85		
KCM1-IS225S-160	160Amp	690V
KCM1-IS225S-225	225Amp	690V
KCM1-IS225S-250	250Amp	690V
IS400S FRAME SIZE - 255 x 140 x 105		
KCM1-IS400S-315	315Amp	690V
KCM1-IS400S-400	400Amp	690V
IS630S FRAME SIZE - 270 x 180 x 110		
KCM1-IS630S-500	500Amp	690V
KCM1-IS630S-630	630Amp	690V
IS800S FRAME SIZE - 278 x 210 x 110		
KCM1-IS800S-800	800Amp	690V
IS1250S FRAME SIZE - 405 x 210 x 140		
KCM1-IS1250S-1000	1000Amp	690V
EXTENSION CONNECTORS FOR MCCB'S - SET OF 6		
KCM1-EC-100	Extension Connector for 100S Frame Size	
KCM1-EC-225	Extension Connector for 225S Frame Size	
KCM1-EC-400	Extension Connector for 400S Frame Size	
KCM1-EC-630	Extension Connector for 630S Frame Size	
KCM1-EC-800	Extension Connector for 800S Frame Size	

Refer to page 156 for MCCB Enclosures

- Moulded Case Isolators
- 4 Pole
- Operating voltage 690V. • Short time withstand current 12 x In for 1 second



Code	Current Rating	Rated Operating Voltage
IS100S FRAME SIZE - 150 x 120 x 68		
KCM1-IS100S-100-4	100Amp	690V
IS225S FRAME SIZE - 165 x 140 x 85		
KCM1-IS225S-160-4	160Amp	690V
KCM1-IS225S-225-4	225Amp	690V
KCM1-IS225S-250-4	250Amp	690V
IS400S FRAME SIZE - 255 x 200 x 105		
KCM1-IS400S-315-4	315Amp	690V
KCM1-IS400S-400-4	400Amp	690V
IS630S FRAME SIZE - 270 x 240 x 110		
KCM1-IS630S-500-4	500Amp	690V
KCM1-IS630S-630-4	630Amp	690V
IS800S FRAME SIZE - 278 x 270 x 110		
KCM1-IS800S-800-4	800Amp	690V
IS1250S FRAME SIZE - 405 x 270 x 140		
KCM1-IS1250S-1000-4	1000Amp	690V
MECHANICAL INTERLOCKS FOR 3 POLE MCCB'S		
KCM1-100-MI	For 32A-100A	690V
KCM1-225-MI	For 125A-250A	690V
KCM1-400-MI	For 315A-400A	690V
KCM1-630-MI	For 500A-630A	690V

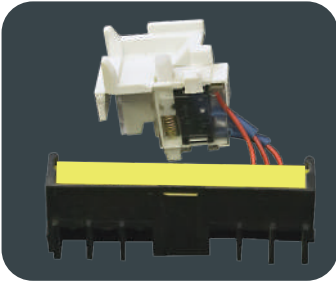
- Accessories for use with KCM1 Moulded Case Circuit Breakers and Isolators
- Various Voltages
- Various configurations

SHUNT TRIP



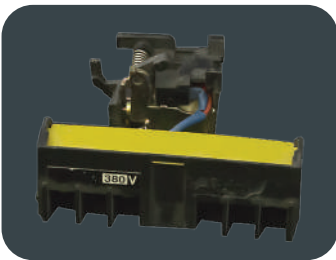
KCM1-ST-100	230V/400V/550V	For KCM1-100
KCM1-ST-225	230V/400V/550V	For KCM1-225
KCM1-ST-400	230V/400V/550V	For KCM1-400
KCM1-ST-630	230V/400V/550V	For KCM1-630
KCM1-ST-800	230V/400V/550V	For KCM1-800
KCM1-ST-1250	230V/400V/550V	For KCM1-1250

AUXILIARY CONTACTS



KCM1-AC-100	1N/O & 1N/C Auxiliary Contact	For KCM1-100
KCM1-AC-225	1N/O & 1N/C Auxiliary Contact	For KCM1-225
KCM1-AC-400	1N/O & 1N/C Auxiliary Contact	For KCM1-400
KCM1-AC-630	1N/O & 1N/C Auxiliary Contact	For KCM1-630
KCM1-AC-800	1N/O & 1N/C Auxiliary Contact	For KCM1-800
KCM1-AC-1250	1N/O & 1N/C Auxiliary Contact	For KCM1-1250

UNDER VOLTAGE TRIPS



KCM1-UVT-100	Under Voltage Trip 400V	For KCM1-100
KCM1-UVT-225	Under Voltage Trip 400V	For KCM1-225
KCM1-UVT-400	Under Voltage Trip 400V	For KCM1-400
KCM1-UVT-630	Under Voltage Trip 400V	For KCM1-630
KCM1-UVT-800	Under Voltage Trip 400V	For KCM1-800
KCM1-UVT-1250	Under Voltage Trip 400V	For KCM1-1250

VARI-DEPTH HANDLES



KCM1-VDH-100	Vari-Depth Handle with Shaft	For KCM1-100
KCM1-VDH-225	Vari-Depth Handle with Shaft	For KCM1-225
KCM1-VDH-400	Vari-Depth Handle with Shaft	For KCM1-400
KCM1-VDH-630	Vari-Depth Handle with Shaft	For KCM1-630
KCM1-VDH-800	Vari-Depth Handle with Shaft	For KCM1-800
KCM1-VDH-1000	Vari-Depth Handle with Shaft	For KCM1-1100

• SABS in accordance to IEC 60947-2; SANS 556-1

NEW!



Code	Current Rating	kA Rating	Rated Operating Voltage
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TM: Adjustable thermal 0.8 - 1 x In / fixed magnetic > 10 x In

ADJUSTABLE THERMAL 100H FRAME SIZE - 150 x 90 x 68

KCM5-160H-3P-40	32 - 40Amp	25kA Ics/35kA Icu	690V
KCM5-160H-3P-50	40 - 50Amp	25kA Ics/35kA Icu	690V
KCM5-160H-3P-65	52 - 65Amp	25kA Ics/35kA Icu	690V
KCM5-160H-3P-80	64 - 80Amp	25kA Ics/35kA Icu	690V
KCM5-160H-3P-100	80 - 100Amp	25kA Ics/35kA Icu	690V
KCM5-160H-3P-125	100 - 125Amp	25kA Ics/35kA Icu	690V
KCM5-160H-3P-160	128 - 160Amp	25kA Ics/35kA Icu	690V

ADJUSTABLE THERMAL 250H FRAME SIZE 165 x 105 x 85

KCM5-250H-3P-200	160 - 200Amp	25kA Ics/35kA Icu	690V
KCM5-250H-3P-250	200 - 250Amp	25kA Ics/35kA Icu	690V

ADJUSTABLE THERMAL 400H FRAME SIZE 255 x 140 x 105

KCM5-400H-3P-300	240 - 300Amp	35kA Ics/50kA Icu	690V
KCM5-400H-3P-400	320 - 400Amp	35kA Ics/50kA Icu	690V

ADJUSTABLE THERMAL 630H FRAME SIZE 270 x 180 x 110

KCM5-630H-3P-500	400 - 500Amp	35kA Ics/50kA Icu	690V
KCM5-630S-3P-630	540 - 630Amp	35kA Ics/50kA Icu	690V

ADJUSTABLE THERMAL 800H FRAME SIZE 278 x 210 x 110

KCM5-800H-3P-800	640 - 800Amp	50kA Ics/65kA Icu	690V
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ADJUSTABLE THERMAL 1000H FRAME SIZE 405 x 210 x 140

KCM5-1000H-3P-1000	800 - 1000Amp	50kA Ics/65kA Icu	690V
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ADJUSTABLE THERMAL 1250H FRAME SIZE 405 x 210 x 140

KCM5-1250H-3P-1250	1000 - 1250Amp	50kA Ics/65kA Icu	690V
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- Accessories for use with KCM5 Adjustable Moulded Case Circuit Breakers and Isolators
- Various Voltages
- Various configurations

NEW!

SHUNT RELEASE



KCM5-SR-160-*	24VDC/110VDC/230VAC/400VAC	For KCM5-160H
KCM5-SR-250-*	24VDC/110VDC/230VAC/400VAC	For KCM5-250H
KCM5-SR-400-*	24VDC/110VDC/230VAC/400VAC	For KCM5-400H
KCM5-SR-630-*	24VDC/110VDC/230VAC/400VAC	For KCM5-630H
KCM5-SR-800-*	24VDC/110VDC/230VAC/400VAC	For KCM5-800H
KCM5-SR-1000-*	24VDC/110VDC/230VAC/400VAC	For KCM5-1000H
KCM5-SR-1250-*	24VDC/110VDC/230VAC/400VAC	For KCM5-1250H

*Please Specify Voltage: **BD** = 24VDC; **FD** = 110VDC; **M** = 230VAC; **Q** = 400VAC

NEW!

AUXILIARY CONTACTS



KCM5-AC-160	1N/O & 1N/C Auxiliary Contact	For KCM5-160H
KCM5-AC-250	1N/O & 1N/C Auxiliary Contact	For KCM5-250H
KCM5-AC-400	1N/O & 1N/C Auxiliary Contact	For KCM5-400H
KCM5-AC-630	1N/O & 1N/C Auxiliary Contact	For KCM5-630H
KCM5-AC-800	1N/O & 1N/C Auxiliary Contact	For KCM5-800H
KCM5-AC-1000	1N/O & 1N/C Auxiliary Contact	For KCM5-1000H
KCM5-AC-1250	1N/O & 1N/C Auxiliary Contact	For KCM5-1250H

NEW!

ALARM CONTACTS



KCM5-LC-160	1N/O & 1N/C Alarm Contact	For KCM5-160H
KCM5-LC-250	1N/O & 1N/C Alarm Contact	For KCM5-250H
KCM5-LC-400	1N/O & 1N/C Alarm Contact	For KCM5-400H
KCM5-LC-630	1N/O & 1N/C Alarm Contact	For KCM5-630H
KCM5-LC-800	1N/O & 1N/C Alarm Contact	For KCM5-800H
KCM5-LC-1000	1N/O & 1N/C Alarm Contact	For KCM5-1000H
KCM5-LC-1250	1N/O & 1N/C Alarm Contact	For KCM5-1250H

NEW!

UNDER VOLTAGE RELEASE



KCM5-UVR-160-*	Under Voltage Trip 220V/380V	For KCM5-160H
KCM5-UVR-250-*	Under Voltage Trip 220V/380V	For KCM5-250H
KCM5-UVR-400-*	Under Voltage Trip 220V/380V	For KCM5-400H
KCM5-UVR-630-*	Under Voltage Trip 220V/380V	For KCM5-630H
KCM5-UVR-800-*	Under Voltage Trip 220V/380V	For KCM5-800H
KCM5-UVR-1000-*	Under Voltage Trip 220V/380V	For KCM5-1000H
KCM5-UVR-1250-*	Under Voltage Trip 220V/380V	For KCM5-1250H

*Please Specify Voltage: **M** = 220VAC; **Q** = 380VAC

- Accessories for use with KCM5 AAdjustable Moulded Case Circuit Breakers
- Various Voltages
- Various configurations

NEW!

MANUAL VARI-DEPTH HANDLES



KCM5-MH-160	Vari-Depth Handle with Shaft	For KCM5-100
KCM5-MH-225	Vari-Depth Handle with Shaft	For KCM5-225
KCM5-MH-400	Vari-Depth Handle with Shaft	For KCM5-400
KCM5-MH-630	Vari-Depth Handle with Shaft	For KCM5-630
KCM5-MH-800	Vari-Depth Handle with Shaft	For KCM5-800
KCM5-MH-1000	Vari-Depth Handle with Shaft	For KCM5-1000
KCM5-MH-1250	Vari-Depth Handle with Shaft	For KCM5-1250

NEW!

EXTENSION CONNECTORS



KCM5-EC-160	Extension Connector for 160H Frame Size
KCM5-EC-250	Extension Connector for 250H Frame Size
KCM5-EC-400	Extension Connector for 400H Frame Size
KCM5-EC-630	Extension Connector for 630H Frame Size
KCM5-EC-800	Extension Connector for 800H Frame Size
KCM5-EC-1000	Extension Connector for 1000H Frame Size
KCM5-EC-1250	Extension Connector for 1250H Frame Size





N700E - SINGLE PHASE VECTOR INVERTOR - 230V				
MODEL	kW	Amps	Dimensions W x D x H	Weight (kg)
N700-007SF	0,75	5	68 x 128 x 128	1.2
N700-015SF	1,5	7	108 x 142 x 128	1.5
N700-022SF	2,2	11	108 x 142 x 128	1.5

FEATURES:

- 200% Torque at speeds > 1 Hz • Momentary current suppression
- RS485 Modbus Standard • 0 - 400 Hz • Manual Torque Boost • Compact size

TYPICAL APPLICATIONS:

- Conveyors, Treadmills, Washing machines, Waste heat recovery equipment, Automatic doors & Extruder's

**Single phase input.
Three phase output.**



N700E - THREE PHASE SMALL SIZE VECTOR INVERTOR - 400V				
MODEL	kW	Amps	Dimensions W x D x H	Weight (kg)
N700E-007HF	0,75	3,4	108 x 142 x 128	1.5
N700E-015HF	1,5	4,8	108 x 142 x 128	1.5
N700E-022HF	2,2	7,2	108 x 142 x 128	2.0
N700E-037HF	3,7	9,2	140 x 147 x 128	2.0

FEATURES:

- 200% Torque at speeds > 1 Hz • Advanced sensorless vector control
- Momentary current suppression • RS485 Modbus standard • 0 - 400Hz
- Manual torque boost. • Compact Size

TYPICAL APPLICATIONS:

- Conveyors, Fans, Pumps.



N700E - THREE PHASE SENSORLESS VECTOR INVERTOR - 400V				
MODEL	kW	Amps	Dimensions W x D x H	Weight (kg)
N700E-055HF	5,5	12	210 x 168 x 275	4.2
N700E-075HF	7,5	16	210 x 168 x 275	4.5
N700E-110HF	11	23	210 x 168 x 275	4.5
N700E-150HF	15	32	250 x 188 x 390	7
N700E-185HF	18,5	38	250 x 188 x 390	7
N700E-220HF	22	45	250 x 188 x 390	7.5
N700E-300HF	30	58	312 x 270 x 530	22
N700E-370HF	37	75	312 x 270 x 530	22
N700E-450HF	45	90	342 x 280 x 548	27
N700E-550HF	55	110	342 x 280 x 548	30
N700E-750HF	75	149	396 x 280 x 698	50

FEATURES:

- 150% Torque at speeds > 1 Hz • High torque performance by sensorless vector
- Fan On/Off function • Built in BRD(5,5 - 22kW) [Built-in regenerative braking system]
- Improved PID control Options • Compact Size • Ease of maintenance

TYPICAL APPLICATIONS:

- Fans, Pumps, Conveyors and Extruders



N700E - ACCESSORIES

N7E-ROP7
Panel Mount Controller/
Operator



N700E - ACCESSORIES

NOPI-3A
3m Comm Cable

Product Features

- 650A - 5000A
- 3 Pole - 4 Pole
- 220V AC/DC Motor Charging Device > Supplied Standard
- 220V AC/DC Closing Coil > Supplied Standard
- 220V AC/DC Trip Coil > Supplied Standard
- Protection Trip Relay > Supplied Standard
- Auxiliaries > Supplied Standard
- Ics/Icu 100kA@ 500VAC
- Easy installation and operation
- Multiple terminal busbar connections
- Various accessories available

If alternative voltage is required please specify as below:

Motor Charging Device:
 M1 - 110 AC/DC
 M7 - 24 VAC/DC
 Closing Coil:
 C1 - 110 VAC/DC
 C3 - 380 VAC
 Tripping Coil:
 S1 - 110 VAC/DC
 S3 - 380 VAC

AIR CIRCUIT BREAKERS - FIXED 3 POLE		
	Pole	Adjustable From - To
	UAN12B3HM2C2S2	3 Pole 625A - 1250A
	UAN16B3HM2C2S2	3 Pole 800A - 1600A
	UAN20B3HM2C2S2	3 Pole 1000A - 2000A
	UAN25B3HM2C2S2	3 Pole 1250A - 2500A
	UAN32B3HM2C2S2	3 Pole 1600A - 3200A
	UAN40B3HM2C2S2	3 Pole 2000A - 4000A
UAN50C3HM2C2S2	3 Pole 2500A - 5000A	
AIR CIRCUIT BREAKERS - FIXED 4 POLE		
	UAN12B4HM2C2S2	4 Pole 625A - 1250A
	UAN16B4HM2C2S2	4 Pole 800A - 1600A
	UAN20B4HM2C2S2	4 Pole 1000A - 2000A
	UAN25B4HM2C2S2	4 Pole 1250A - 2500A
	UAN32B4HM2C2S2	4 Pole 1600A - 3200A
	UAN40B4HM2C2S2	4 Pole 2000A - 4000A
	UAN50C4HM2C2S2	4 Pole 2500A - 5000A



Product Features


- 650A - 5000A • 3 Pole - 4 Pole
- 220V AC/DC Motor Charging Device > Supplied Standard
- 220V AC/DC Closing Coil > Supplied Standard
- 220V AC/DC Trip Coil > Supplied Standard
- Protection Trip Relay > Supplied Standard
- Auxiliaries > Supplied Standard
- Ics/Icu 100kA@ 500VAC
- Easy installation and operation
- Multiple terminal busbar connections • Various accessories available

If alternative voltage is required please specify as below:

Motor Charging Device:
 M1 - 110 AC/DC
 M7 - 24 VAC/DC
 Closing Coil:
 C1 - 110 VAC/DC
 C3 - 380 VAC
 Tripping Coil:
 S1 - 110 VAC/DC
 S3 - 380 VAC

*** DRAW OUT
 CRADLE TO
 BE ORDERED
 SEPARATELY**

AIR CIRCUIT BREAKERS - DRAW OUT TYPE 3 POLE (Cradle NOT Included)		
	Pole	Adjustable From - To
	UAN12B3AM2C2S2	3 Pole 625A - 1250A
	UAN16B3AM2C2S2	3 Pole 800A - 1600A
	UAN20B3AM2C2S2	3 Pole 1000A - 2000A
	UAN25B3AM2C2S2	3 Pole 1250A - 2500A
	UAN32B3AM2C2S2	3 Pole 1600A - 3200A
	UAN40B3AM2C2S2	3 Pole 2000A - 4000A
UAN50C3AM2C2S2	3 Pole 2500A - 5000A	
AIR CIRCUIT BREAKERS - DRAW OUT TYPE 3 POLE (Cradle NOT Included)		
	UAN12B4AM2C2S2	4 Pole 625A - 1250A
	UAN16B4AM2C2S2	4 Pole 800A - 1600A
	UAN20B4AM2C2S2	4 Pole 1000A - 2000A
	UAN25B4AM2C2S2	4 Pole 1250A - 2500A
	UAN32B4AM2C2S2	4 Pole 1600A - 3200A
	UAN40B4AM2C2S2	4 Pole 2000A - 4000A
UAN50C4AM2C2S2	4 Pole 2500A - 5000A	




CRADLES - 3 POLE

DUN25B3AH	Cradle for 1200A-2500A
DUN32B3AH	Cradle for 3200A
DUN40B3AH	Cradle for 4000A
DUN50C3AH	Cradle for 5000A

CRADLES - 4 POLE

DUN25B4AH	Cradle for 1200A-2500A
DUN32B4AH	Cradle for 3200A
DUN40B4AH	Cradle for 4000A
DUN50C4AH	Cradle for 5000A



MOTOR CHARGING DEVICES

UANS M1	110 VAC/DC	Motor Charging Device
UANS M2	230 VAC/DC	Motor Charging Device
UANS M3	380 VAC	Motor Charging Device
UANS M7	24V DC	Motor Charging Device




MOTOR CONTROL UNIT

UANS MCU


Motor Control Unit

MOTOR CHARGING DEVICE & MOTOR CONTROL UNIT




INCLUDES: Ratchet M, Ratchet B, Spring & Bolts.

UANS MCU1	110 VAC/DC
UANS MCU2	230 VAC/DC
UANS MCU3	380 VAC
UANS MCU7	24V DC




CLOSING COIL

UANS C1	110 VAC/DC
UANS C2	220 VAC/DC
UANS C3	380 VAC




UNDER VOLTAGE TRIP COIL

UANS U1	110 VAC/DC
UANS U2	230 VAC/DC
UANS U3	380VAC




TRIP COIL

UANS S1	110 VAC/DC
UANS S2	220 VAC/DC
UANS S3	380 VAC
UANS S7	24 VDC



INTERLOCKS


UANSFWB1B	Interlock for Fixed Type 2 Way
UANSFWB2B	Interlock for Fixed Type 3 Way
UANSDWB1B	Interlock for Withdrawable Type 2 Way
UANSDWB2B	Interlock for Withdrawable Type 3 Way



AUTOMATIC TRANSFER SWITCH

UANS ATS

Automatic Transfer Switch and Controller



UNDER VOLTAGE TIME DELAY CONTROLLER

UANSUT1	110VAC/DC	Under Voltage Time Delay Controller
UANSUT2	220VAC/DC	Under Voltage Time Delay Controller
UANSUT3	380VAC	Under Voltage Time Delay Controller