

3SAQ3, PC class, up to 5000 A

Independent power supply with build-in power source, directly draws power from the incoming end to avoid the risk of protection function failure caused by supply failure.

- Overload protection
- Short circuit protection
- Isolation
- Controlling
- Used in residential building, non-residential building, industry, energy and infrastructure



Features

- Small volume, convenient installation
- With the controller, the setting can transfer between the manual and automatic transfer with restoration or automatic transfer without restoration
- Under-voltage, over-voltage, phase-loss protection
- Reliable and safe interlock, operation parameter could be adjusted
- Rated voltage of 400 V, rated current is from 20 A to 5000 A
- Low malfunction, easy maintenance

Versions

There are two available versions:

- M2 I: 2-stage, Power supply A \longleftrightarrow Power supply B; M2 I automatic transfer switch is instantaneously switch type (without internal or external controller unit). If the switches are under maintenance or damaged condition where continuous power supply is required, it is possible to operate the handle by manual and identify the failure point by observing the switching actions
- M3 II: 3-stage, Power supply A \longleftrightarrow Middle position Power supply B

M3 II automatic transfer switch has following functions

- Interchange of automatic between manual operation
- Voltage detection for three-phase four-line of power supply A and B
- Over-voltage, under-voltage and phase-loss protection
- Automatic switching between power supply A and B
- Automatic fault handling
- Remote start/stop generator
- Over-current protection after connect; to an over-current relay via additional expansion interface

For both versions, if the automatic transfer switches are under maintenance or damaged condition while the continuous power supply is required, it is possible to operate the handle slowly by manual to identify the failure point by carefully observing the switching actions

Instruction of type code

Алматы (7273) 495-231
Ангарск (3955) 60-70-56
Архангельск (8182) 63-90-72
Астрахань (8512) 99-46-04
Барнаул (3852) 73-04-60
Белгород (4722) 40-23-64
Благовещенск (4162) 22-76-07
Брянск (4832) 59-03-52
Владивосток (423) 249-28-31
Владикавказ (8672) 28-90-48
Владимир (4922) 49-43-18
Волгоград (844) 278-03-48
Вологда (8172) 26-41-59
Воронеж (473) 204-51-73
Екатеринбург (343) 384-55-89

Иваново (4932) 77-34-06
Ижевск (3412) 26-03-58
Иркутск (395) 279-98-46
Казань (843) 206-01-48
Калининград (4012) 72-03-81
Калуга (4842) 92-23-67
Кемерово (3842) 65-04-62
Киров (8332) 68-02-04
Коломна (4966) 23-41-49
Кострома (4942) 77-07-48
Краснодар (861) 203-40-90
Красноярск (391) 204-63-61
Курск (4712) 77-13-04
Курган (3522) 50-90-47
Липецк (4742) 52-20-81

Магнитогорск (3519) 55-03-13
Москва (495) 268-04-70
Мурманск (8152) 59-64-93
Набережные Челны (8552) 20-53-41
Нижний Новгород (831) 429-08-12
Новокузнецк (3843) 20-46-81
Новыйорск (3496) 41-32-12
Новосибирск (383) 227-86-73
Омск (3812) 21-46-40
Орел (4862) 44-53-42
Оренбург (3532) 37-68-04
Пенза (8412) 22-31-16
Петрозаводск (8142) 55-98-37
Псков (8112) 59-10-37
Пермь (342) 205-81-47

Ростов-на-Дону (863) 308-18-15
Рязань (4912) 46-61-64
Самара (846) 206-03-16
Санкт-Петербург (812) 309-46-40
Саратов (845) 249-38-78
Севастополь (8692) 22-31-93
Саранск (8342) 22-96-24
Симферополь (3652) 67-13-56
Смоленск (4812) 29-41-54
Сочи (862) 225-72-31
Ставрополь (8652) 20-65-13
Сургут (3462) 77-98-35
Сыктывкар (8212) 25-95-17
Тамбов (4752) 50-40-97
Тверь (4822) 63-31-35

Тольятти (8482) 63-91-07
Томск (3822) 98-41-53
Тула (4872) 33-79-87
Тюмень (3452) 66-21-18
Ульяновск (8422) 24-23-59
Улан-Удэ (3012) 59-97-51
Уфа (347) 229-48-12
Хабаровск (4212) 92-98-04
Челябинск (351) 202-03-61
Череповец (8202) 49-02-64
Чита (3022) 38-34-83
Якутск (4112) 23-90-97
Ярославль (4852) 69-52-93

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AQ3 M3II 3 NB R 125 L

Type of controller unit
 N: No controller unit
 L: Built-in controller unit
 C: LCD controller unit
 J: J-type controller unit

Rated current
 20, 25, 32, 40, 50, 63, 80, 100,
 125, 160, 180, 200, 225, 250,
 315, 350, 400, 500, 630, 800,
 1000, 1250, 1600, 2000, 3150,
 4000, 5000

Control model
 R: Model R
 S: Model S

Switch model
 NB: Grid-grid
 NG: Grid-generator

Number of poles
 2: 2-pole
 3: 3-pole
 4: 4-pole

Version
 M2I: M2 I version
 M3II: M3 II version

Series code

Version	M2 I	M3 II
Rated operation current	20 ... 500 A	20 ... 5000 A
Rated limit short-circuit current (depending on the current)	12.5 ... 30 kA	12.5 ... 25 kA
Short-time withstand (current depending on the current)	5 ... 12 kA	5 ... 50 kA
Transfer time (exclude the delay time)	20 - 90 ms	20 - 230 ms
Available controller unit		
Configurated inside	-	■
External LCD controller unit	-	■
External J-type controller unit	■	■
Start the generator automatically	-	■
Control model		
Model R: Automatic transfer with restoration	■	■
Model S: Automatic transfer without restoration	■	-
Connection type		
Front connection	■	■ (≤ 500 A)
Rear connection	-	■ (> 500 A)

■ Available
 - Not available

Technical specifications

Version M2 I



3SAQ3-125 M2 I



External LCD controller unit



External J-type controller unit

Version	M2 I									
Standard	IEC 60947-6-1									
Rated frame current (A)	125			250			500			
Rated operating current (A)	20, 25, 32, 40, 50, 63, 80, 100, 125			160, 180, 200, 225, 250			315, 350, 400, 500			
Number of poles (P)	2	3	4	2	3	4	3	4		
Operating current at AC 230V (A)	1.5	1.5	1.5	1.5	2	2.5	2.5	3.5		
Rated operating voltage (VAC)	400			400			400			
Rated control voltage (VAC)	230			230			230			
Rated frequency (Hz)	50/60			50/60			50/60			
Rated limit short-circuit current (kA)	35			25			30			
Short-time withstand current (kA)	22			10			12			
Transfer time at side of power supply A	Connect (ms)	55			55			60		
	Disconnect (ms)	20			20			25		
Transfer time at side of power supply B	Connect (ms)	80			80			90		
	Disconnect (ms)	20			20			25		
Available controller unit	Built-in	-			-			-		
	LCD	-			-			-		
	J-type	■			■			■		
	Model R	■			■			■		
Control mode	Model S	■			■			■		
	Model S	■			■			■		
Making and breaking capacity	10 I _e making, 8 I _e breaking, cosφ=0.35									
Application category				AC-33B						
Mechanical life (Cycles)	10000			10000			3000			
Electrical life (Cycles)	2500			2500			1000			
Allowable operation cycles per hour (Cycles)	120			120			120			
Connection	Front connection			Front connection			Front connection			
Capacity of auxiliary switch at AC 230 V (A)	250			250			250			
Weight (kg)	5	5.5	5.5	6	8	10	14	18		
Ambient temperature (°C)	-5 to + 40, max. 95% humidity									
Storage temperature (°C)	-40 to + 75									
Altitude (Max.) (m)	2000									

- Available
- Not available

Technical specifications

Version M3 II



3SAQ3-125 M3 II



External LCD controller unit



External J-type controller unit

Version	M3 II										
Standard	IEC 60947-6-1										
Rated frame current (A)	125			250			500				
Rated operating current (A)	20, 25, 32, 40, 50, 63, 80, 100, 125			160, 180, 200, 225, 250			315, 350, 400, 500				
Number of poles (P)	2	3	4	2	3	4	3	4			
Operating current at AC 230V (A)	1.5	1.5	1.5	1.5	2	2.5	2.5	3.5			
Trip current at AC 230V	0.5			0.5			0.7				
Rated operating voltage (VAC)	400			400			400				
Rated control voltage (VAC)	230			230			230				
Rated frequency (Hz)	50/60			50/60			50/60				
Rated limit short-circuit current (kA)	35			25			30				
Short-time withstand current (kA)	22			10			12				
Transfer time at side of power supply A	Connect (ms)	55			55			60			
	Disconnect (ms)	20			20			25			
Transfer time at side of power supply B	Connect (ms)	80			80			90			
	Disconnect (ms)	20			20			25			
Available controller unit	Built-in	■			■			■			
	LCD	■			■			■			
	J-type	■			■			■			
Control mode	Model R	■			■			■			
	Model S	■			■			■			
Making and breaking capacity	10 I _a making, 8 I _a breaking, cosφ =0.35										
Application category	AC-33B										
Mechanical life (Cycles)	10000			10000			3000				
Electrical life (Cycles)	2500			2500			1000				
Allowable operation cycles per hour (Cycles)	60			60			60				
Connection	Front connection			Front connection			Front connection				
Capacity of auxiliary switch at AC 230 V (A)	250			250			250				
Weight (kg)	5	5.5	5.5	6	8	10	14	18			
Ambient temperature (°C)	-5 to + 40, max.95% humidity										
Storage temperature (°C)	-40 to + 75										
Altitude (Max.) (m)	2000										

- Available
- Not available

Technical specifications

Version M3 II



3SAQ3-125 M3 II



External LCD controller unit



External J-type controller unit

Version	M3 II																
Standard	IEC 60947-6-1																
Rated frame current (A)	800		1000		1250		1600		2000		3150		4000		5000		
Rated operating current (A)	630, 800		1000		1250		1600		2000		3150		4000		5000		
Number of poles (P)	3	4	3	4	3	4	3	3	3	4	3	4	3	3			
Operating current at AC 230V (A)	3	3	3	3	3	4	4	4	5	6	7	8	8	8			
Trip current at AC 230V	1		1		1		1		1		1		1		1		
Rated operating voltage (VAC)	400		400		400		400		400		400		400		400		
Rated control voltage (VAC)	230		230		230		230		230		230		230		230		
Rated frequency (Hz)	50/60		50/60		50/60		50/60		50/60		50/60		50/60		50/60		
Rated limit short-circuit current (kA)	37.5		50		50		55		65		80		100		120		
Short-time withstand current (kA)	15		22		22		25		35		50		50		50		
Transfer time at side of power supply A	Connect (ms)	100		115		115		115		140		180		200		200	
	Disconnect (ms)	30		25		25		25		25		30		30		35	
Transfer time at side of power supply B	Connect (ms)	135		145		145		150		190		220		220		230	
	Disconnect (ms)	30		25		25		25		25		30		30		30	
Available controller unit	Built-in	■		■		■		■		■		■		■		■	
	LCD	■		■		■		■		■		■		■		■	
	J-type	■		■		■		■		■		■		■		■	
	Model R	■		■		■		■		■		■		■		■	
Control mode	Model S	■		■		■		■		■		■		■		■	
	Model S	■		■		■		■		■		■		■		■	
Making and breaking capacity	10 I _e making, 8 I _e breaking, cosφ =0.35																
Application category	AC-33B																
Mechanical life (Cycles)	3000		2500		2500		2500		1500		1500		1500		1500		
Electrical life (Cycles)	1000		500		500		500		500		500		500		500		
Allowable operation cycles per hour (Cycles)	60		20		20		20		10		10		10		10		
Connection	Rear connection																
Capacity of auxiliary switch at AC 230 V (A)	250		250		250		250		250		250		250		250		
Weight (kg)	33	42	39	49	40	51	47	51	115	135	152	192	207	265			
Ambient temperature (°C)	-5 to + 40, max.95% humidity																
Storage temperature (°C)	-40 to + 75																
Altitude (Max.) (m)	2000																

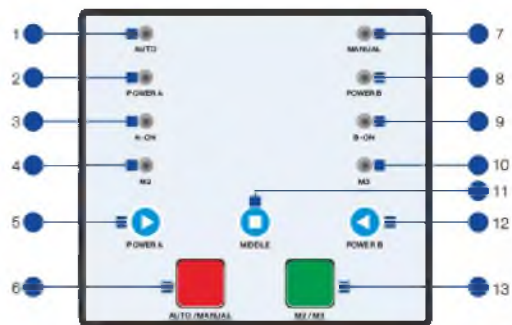
■ Available
- Not available

External controller unit

There are two types available external controller units

• J-type external controller unit

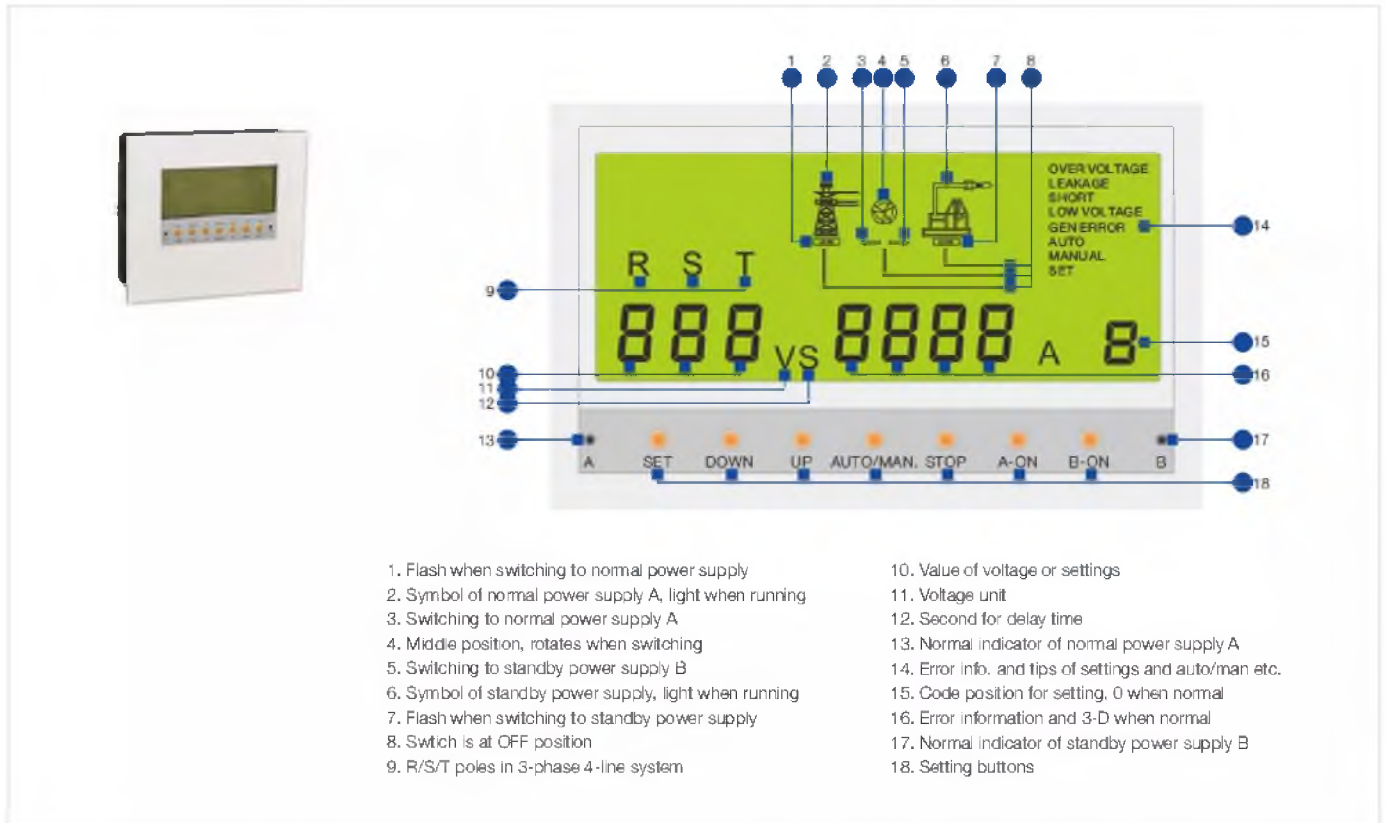
J-type external controller unit is available for both versions of M2 I and M3 II



1. Automatic operating indicator
2. Power supply A indicator
3. A-ON indicator
4. M2 version indicator
5. Key for Power supply A
6. Button of AUTOMANUAL exchange

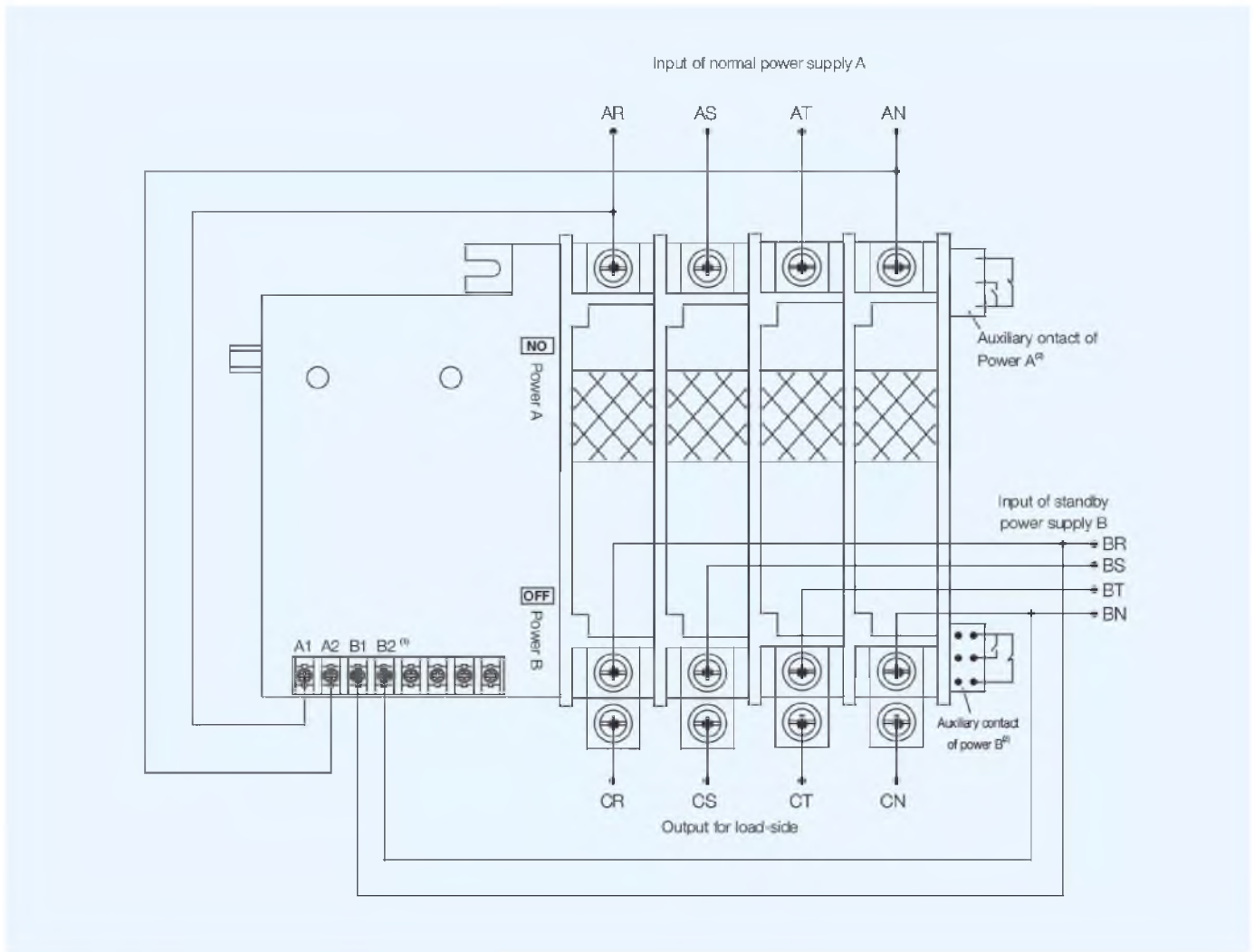
7. Manual operating indicator
8. Power supply B indicator
9. B-ON indicator
10. M3 version indicator
11. Key for middle position
12. Key for Power supply B
13. Button of M2/M3 exchange

- External controller unit with LCD display

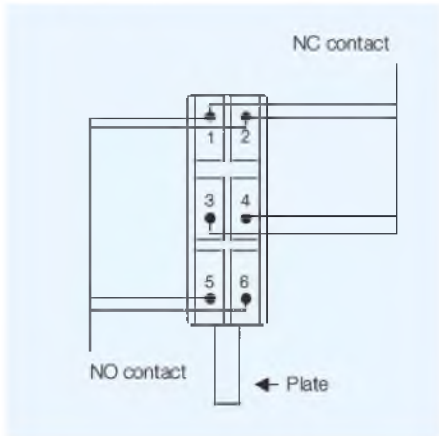


Wiring diagram

- M2 I version without controller unit



Auxiliary contact

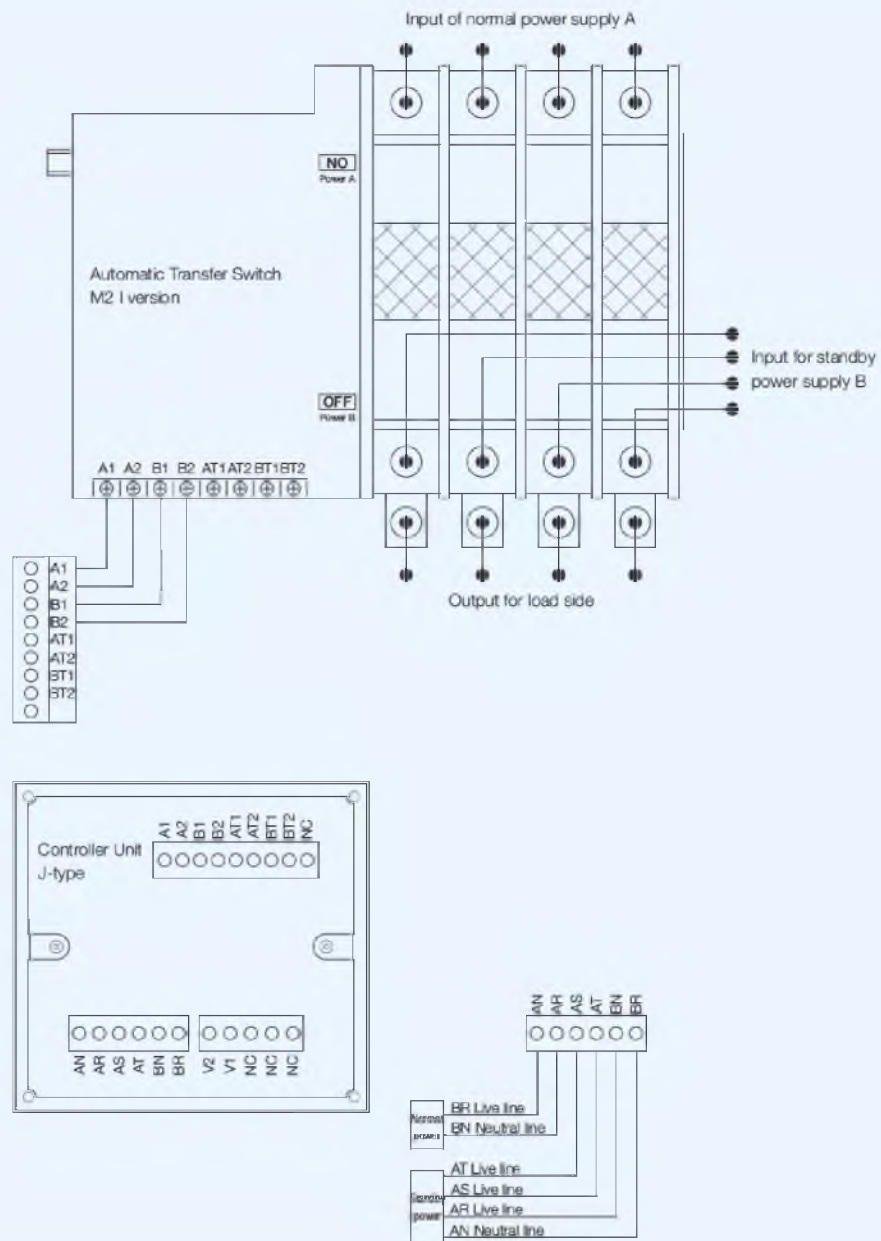


Note:

1. A1/A2 is for input signal of power supply A, AC 220 V;
B1/B2 is for input signal of power supply B, AC 220 V;
2. Auxiliary contacts can be connected to indications, alarm or signals depending on needs.

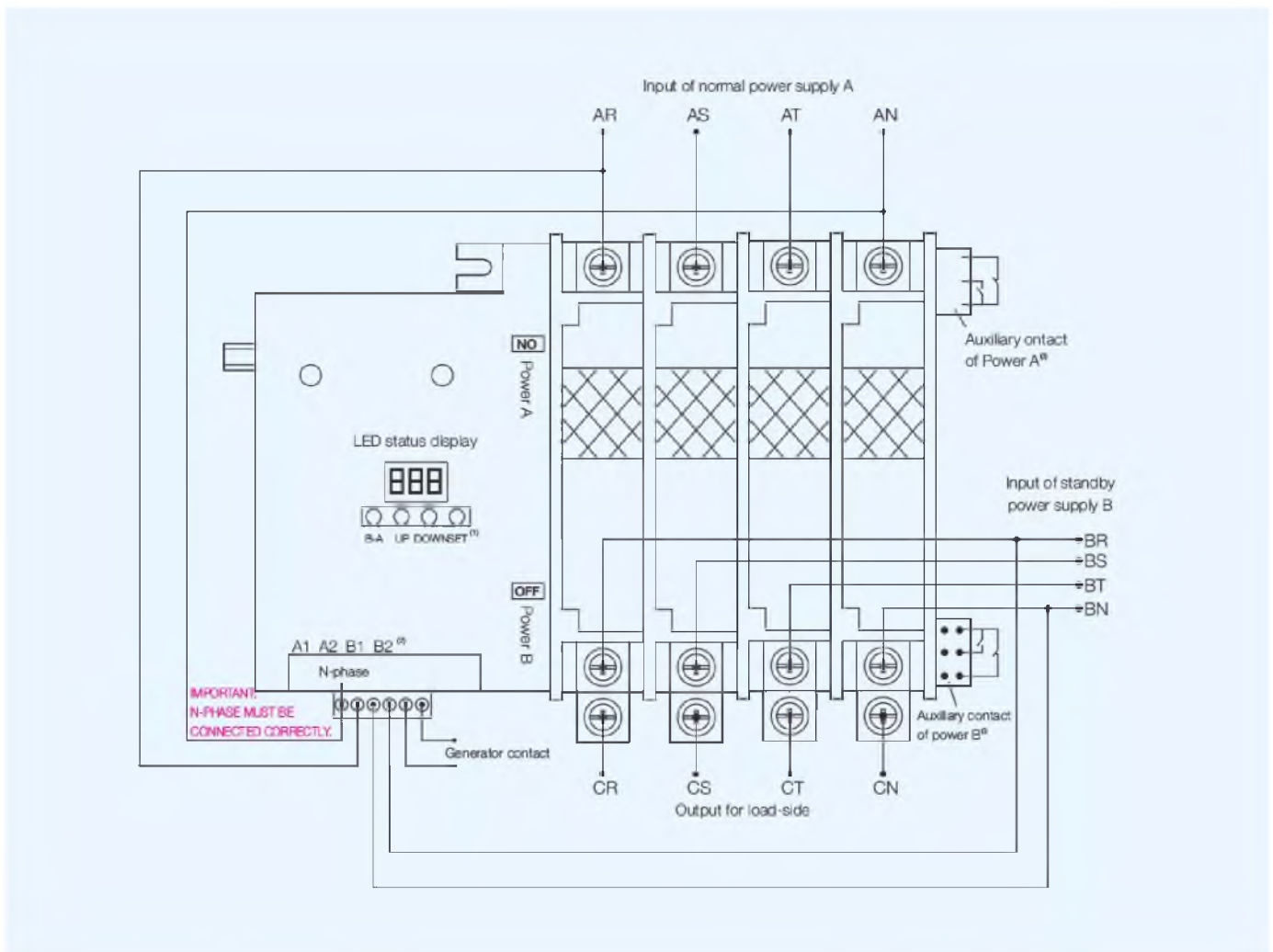
Wiring diagram

- M2 I version with external J-type controller unit

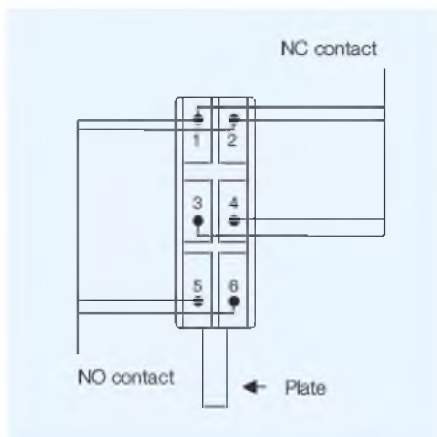


Wiring diagram

- M3 II version with internal controller unit



Auxiliary contact



Note:

1. Instruction of function buttons

Set: Settings for delay time of A-B, B-A or generator stop;

- Down: Reduction when setting;

Display B-phase voltage when automatical operating;

Switching to power supply B when manual operating;

- UP: Increase when setting;

Display A-phase voltage when automatical operating;

Switching to power supply A when manual operating;

- B-A: For exchange between Automatic operation and manual operation by pressing the buttons of SET and B-A at the same time (manual operation is available when LED flashing);

- Setting the reference voltage of power supply A and B (LED display U-A and U-B)

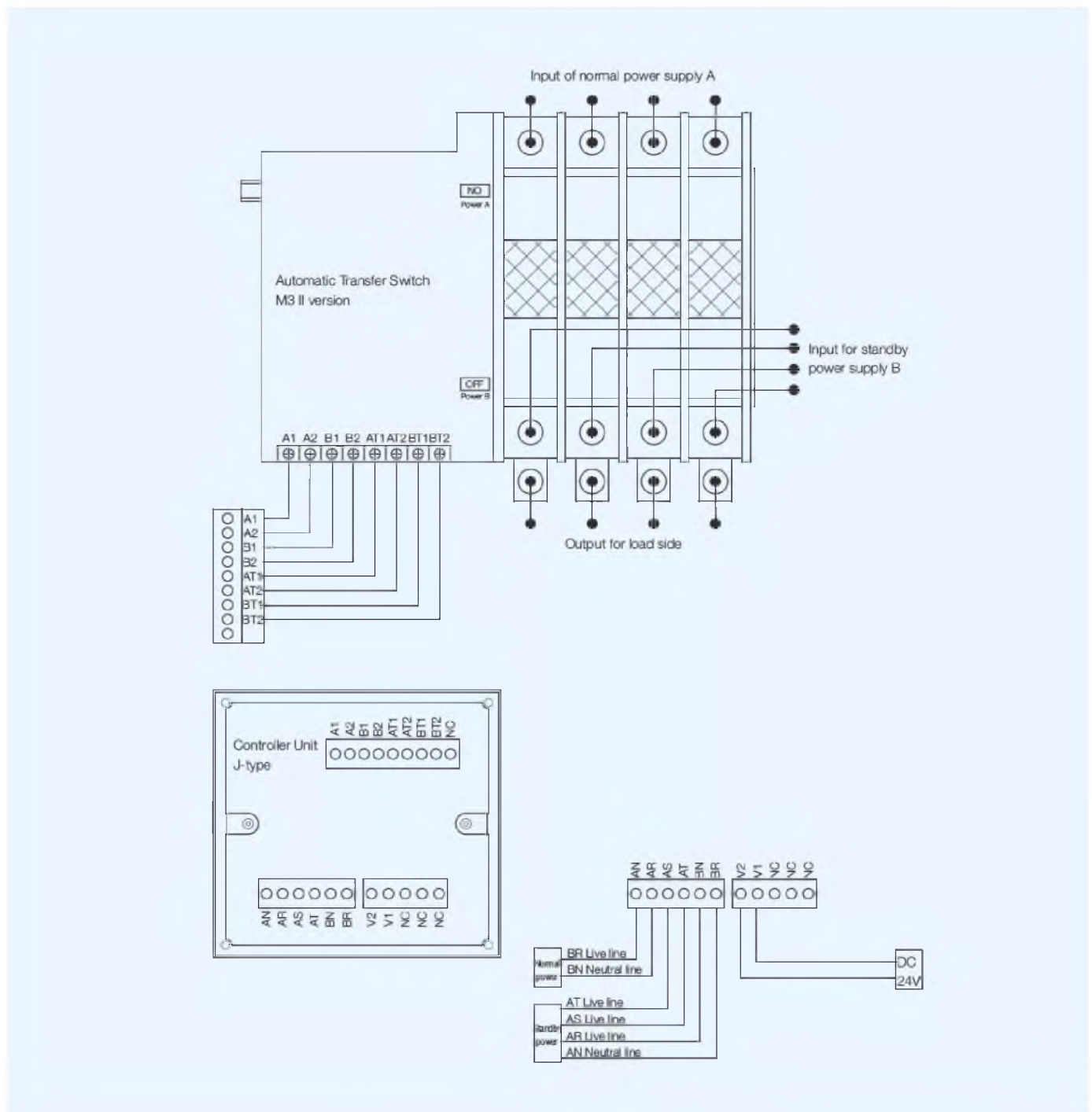
2. A1/A2 is for input signal of power supply A, AC 220 V;

3. B1/B2 is for input signal of power supply B, AC 220 V;

Auxiliary contacts can be connected to indications, alarm or signals depending on needs.

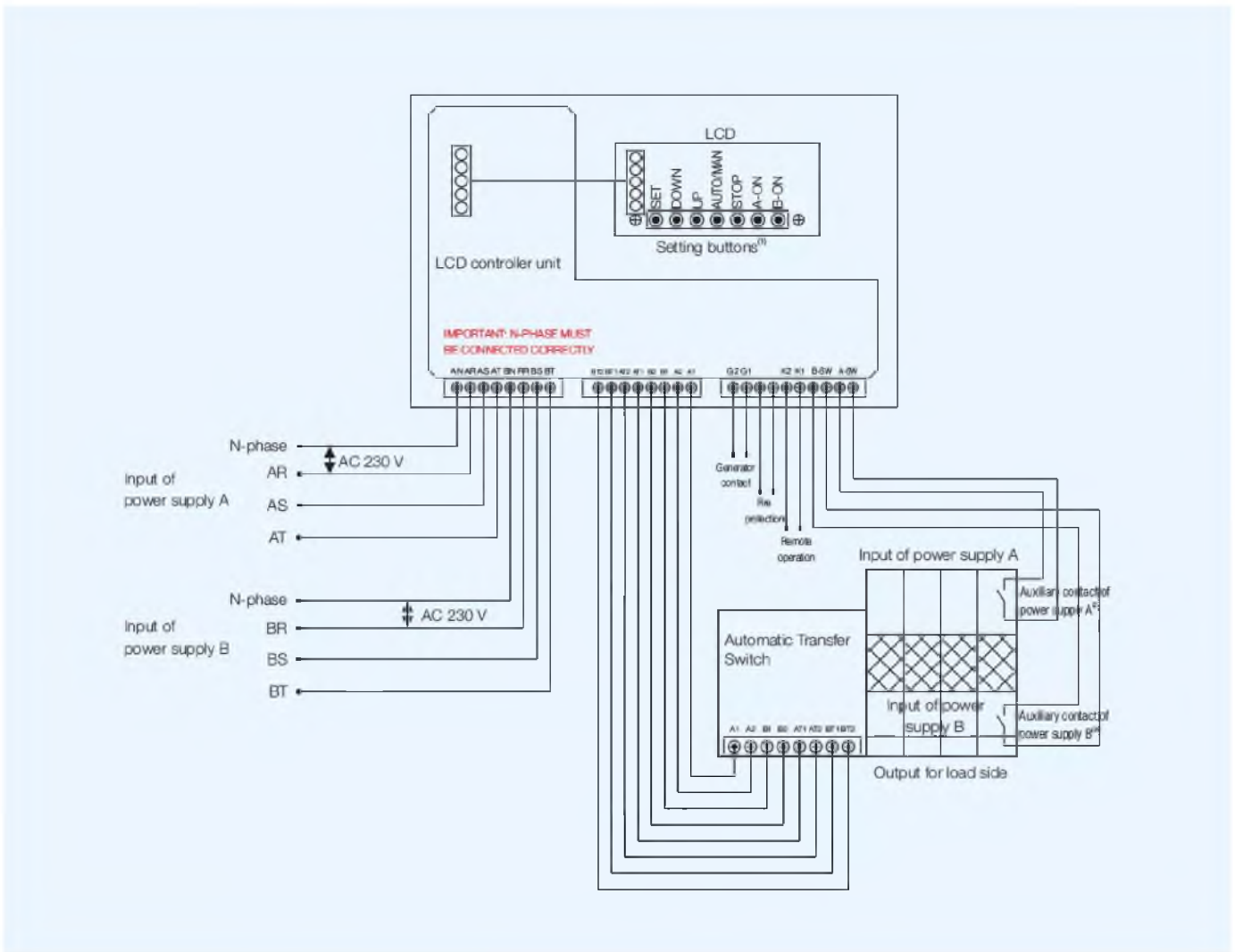
Wiring diagram

- M3 II version with external J-type controller unit

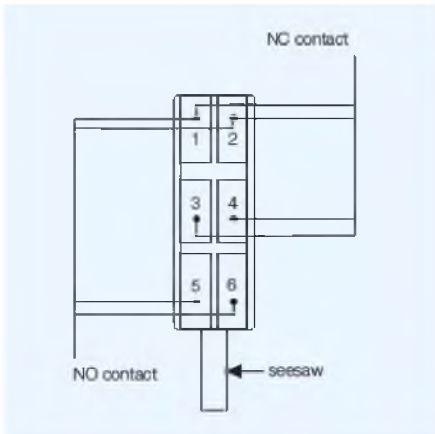


Wiring diagram

- M3 II version with external controller unit with LCD display



Auxiliary contact



Notice:

1. Instruction of function buttons

- SET: Settings for low and high voltage range of power supply A and B, delay time of OFF-A, OFF-B, B-OFF, generator stop, problem of A and B, timing for generator starting; Codes are 1, 2, ... 9, C and D.

- DOWN / UP: Reduction (or increase) when setting;

- AUTO/MAN: For exchange between Automatic operation and manual operation;

Setting the reference voltage of phase R/R/T for power supply A and B by pressing it for 3 seconds when manual operation.

- STOP: Cut off from power supply A and B, switch to OFF position and entering standby;

- A-ON: Switch to power supply A at manual mode;

Display the voltage of phase R/S/T of power supply A at modes of automatic or stop;

- B-ON: Switch to power supply B at manual mode;

Display the voltage of phase R/S/T of power supply B at modes of automatic or stop;

2. Auxiliary contacts can be connected to indications, alarm or signals depending on needs.

Selection and ordering data

M2 I versions without controller unit

	Rated current (A)	2P		3P		4P	
		Type code	Order code	Type code	Order code	Type code	Order code
Grid-Grid (NB)							
Model R: Automatic transfer with restoration							
	20	AQ3 M2I 2NBR20N	10761	AQ3 M2I 3NBR20N	10815	AQ3 M2I 4NBR20N	10869
	25	AQ3 M2I 2NBR25N	10762	AQ3 M2I 3NBR25N	10816	AQ3 M2I 4NBR25N	10870
	32	AQ3 M2I 2NBR32N	10763	AQ3 M2I 3NBR32N	10817	AQ3 M2I 4NBR32N	10871
	40	AQ3 M2I 2NBR40N	10764	AQ3 M2I 3NBR40N	10818	AQ3 M2I 4NBR40N	10872
	50	AQ3 M2I 2NBR50N	10765	AQ3 M2I 3NBR50N	10819	AQ3 M2I 4NBR50N	10873
	63	AQ3 M2I 2NBR63N	10766	AQ3 M2I 3NBR63N	10820	AQ3 M2I 4NBR63N	10874
	80	AQ3 M2I 2NBR80N	10767	AQ3 M2I 3NBR80N	10821	AQ3 M2I 4NBR80N	10875
	100	AQ3 M2I 2NBR100N	10768	AQ3 M2I 3NBR100N	10822	AQ3 M2I 4NBR100N	10876
	125	AQ3 M2I 2NBR125N	10769	AQ3 M2I 3NBR125N	10823	AQ3 M2I 4NBR125N	10877
	160	AQ3 M2I 2NBR160N	30954	AQ3 M2I 3NBR160N	30984	AQ3 M2I 4NBR160N	31014
	180	AQ3 M2I 2NBR180N	30955	AQ3 M2I 3NBR180N	30985	AQ3 M2I 4NBR180N	31015
	200	AQ3 M2I 2NBR200N	30956	AQ3 M2I 3NBR200N	30986	AQ3 M2I 4NBR200N	31016
	225	AQ3 M2I 2NBR225N	30957	AQ3 M2I 3NBR225N	30987	AQ3 M2I 4NBR225N	31017
	250	AQ3 M2I 2NBR250N	30958	AQ3 M2I 3NBR250N	30988	AQ3 M2I 4NBR250N	31018
	315	AQ3 M2I 2NBR315N	31134	AQ3 M2I 3NBR315N	31158	AQ3 M2I 4NBR315N	31182
	350	AQ3 M2I 2NBR350N	31135	AQ3 M2I 3NBR350N	31159	AQ3 M2I 4NBR350N	31183
	400	AQ3 M2I 2NBR400N	31136	AQ3 M2I 3NBR400N	31160	AQ3 M2I 4NBR400N	31184
500	AQ3 M2I 2NBR500N	31137	AQ3 M2I 3NBR500N	31161	AQ3 M2I 4NBR500N	31185	
Model S: Automatic transfer without restoration							
	20	AQ3 M2I 2NBS20N	10779	AQ3 M2I 3NBS20N	10833	AQ3 M2I 4NBS20N	10887
	25	AQ3 M2I 2NBS25N	10780	AQ3 M2I 3NBS25N	10834	AQ3 M2I 4NBS25N	10888
	32	AQ3 M2I 2NBS32N	10781	AQ3 M2I 3NBS32N	10835	AQ3 M2I 4NBS32N	10889
	40	AQ3 M2I 2NBS40N	10782	AQ3 M2I 3NBS40N	10836	AQ3 M2I 4NBS40N	10890
	50	AQ3 M2I 2NBS50N	10783	AQ3 M2I 3NBS50N	10837	AQ3 M2I 4NBS50N	10891
	63	AQ3 M2I 2NBS63N	10784	AQ3 M2I 3NBS63N	10838	AQ3 M2I 4NBS63N	10892
	80	AQ3 M2I 2NBS80N	10785	AQ3 M2I 3NBS80N	10839	AQ3 M2I 4NBS80N	10893
	100	AQ3 M2I 2NBS100N	10786	AQ3 M2I 3NBS100N	10840	AQ3 M2I 4NBS100N	10894
	125	AQ3 M2I 2NBS125N	10787	AQ3 M2I 3NBS125N	10841	AQ3 M2I 4NBS125N	10895
	160	AQ3 M2I 2NBS160N	30964	AQ3 M2I 3NBS160N	30994	AQ3 M2I 4NBS160N	31024
	180	AQ3 M2I 2NBS180N	30965	AQ3 M2I 3NBS180N	30995	AQ3 M2I 4NBS180N	31025
	200	AQ3 M2I 2NBS200N	30966	AQ3 M2I 3NBS200N	30996	AQ3 M2I 4NBS200N	31026
	225	AQ3 M2I 2NBS225N	30967	AQ3 M2I 3NBS225N	30997	AQ3 M2I 4NBS225N	31027
	250	AQ3 M2I 2NBS250N	30968	AQ3 M2I 3NBS250N	30998	AQ3 M2I 4NBS250N	31028
	315	AQ3 M2I 2NBS315N	31142	AQ3 M2I 3NBS315N	31166	AQ3 M2I 4NBS315N	31190
	350	AQ3 M2I 2NBS350N	31143	AQ3 M2I 3NBS350N	31167	AQ3 M2I 4NBS350N	31191
	400	AQ3 M2I 2NBS400N	31144	AQ3 M2I 3NBS400N	31168	AQ3 M2I 4NBS400N	31192
	500	AQ3 M2I 2NBS500N	31145	AQ3 M2I 3NBS500N	31169	AQ3 M2I 4NBS500N	31193
Grid-Generator (NG)							
Model R: Automatic transfer with restoration							
	20	AQ3 M2I 2NGR20N	10797	AQ3 M2I 3NGR20N	10851	AQ3 M2I 4NGR20N	10905
	25	AQ3 M2I 2NGR25N	10798	AQ3 M2I 3NGR25N	10852	AQ3 M2I 4NGR25N	10906
	32	AQ3 M2I 2NGR32N	10799	AQ3 M2I 3NGR32N	10853	AQ3 M2I 4NGR32N	10907
	40	AQ3 M2I 2NGR40N	10800	AQ3 M2I 3NGR40N	10854	AQ3 M2I 4NGR40N	10908
	50	AQ3 M2I 2NGR50N	10801	AQ3 M2I 3NGR50N	10855	AQ3 M2I 4NGR50N	10909
	63	AQ3 M2I 2NGR63N	10802	AQ3 M2I 3NGR63N	10856	AQ3 M2I 4NGR63N	10910
	80	AQ3 M2I 2NGR80N	10803	AQ3 M2I 3NGR80N	10857	AQ3 M2I 4NGR80N	10911
	100	AQ3 M2I 2NGR100N	10804	AQ3 M2I 3NGR100N	10858	AQ3 M2I 4NGR100N	10912
	125	AQ3 M2I 2NGR125N	10805	AQ3 M2I 3NGR125N	10859	AQ3 M2I 4NGR125N	10913
	160	AQ3 M2I 2NGR160N	30974	AQ3 M2I 3NGR160N	31004	AQ3 M2I 4NGR160N	31034
	180	AQ3 M2I 2NGR180N	30975	AQ3 M2I 3NGR180N	31005	AQ3 M2I 4NGR180N	31035
	200	AQ3 M2I 2NGR200N	30976	AQ3 M2I 3NGR200N	31006	AQ3 M2I 4NGR200N	31036
	225	AQ3 M2I 2NGR225N	30977	AQ3 M2I 3NGR225N	31007	AQ3 M2I 4NGR225N	31037
	250	AQ3 M2I 2NGR250N	30978	AQ3 M2I 3NGR250N	31008	AQ3 M2I 4NGR250N	31038
	315	AQ3 M2I 2NGR315N	31150	AQ3 M2I 3NGR315N	31174	AQ3 M2I 4NGR315N	31198
	350	AQ3 M2I 2NGR350N	31151	AQ3 M2I 3NGR350N	31175	AQ3 M2I 4NGR350N	31199
	400	AQ3 M2I 2NGR400N	31152	AQ3 M2I 3NGR400N	31176	AQ3 M2I 4NGR400N	31200
	500	AQ3 M2I 2NGR500N	31153	AQ3 M2I 3NGR500N	31177	AQ3 M2I 4NGR500N	31201

Selection and ordering data

M2 I versions equipped with external J-type controller unit

Rated current (A)	2P		3P		4P	
	Type code	Order code	Type code	Order code	Type code	Order code
Grid-Grid (NB)						
Model R: Automatic transfer with restoration						
20	AQ3 M2I 2NBR20J	10770	AQ3 M2I 3NBR20J	10824	AQ3 M2I 4NBR20J	10878
25	AQ3 M2I 2NBR25J	10771	AQ3 M2I 3NBR25J	10825	AQ3 M2I 4NBR25J	10879
32	AQ3 M2I 2NBR32J	10772	AQ3 M2I 3NBR32J	10826	AQ3 M2I 4NBR32J	10880
40	AQ3 M2I 2NBR40J	10773	AQ3 M2I 3NBR40J	10827	AQ3 M2I 4NBR40J	10881
50	AQ3 M2I 2NBR50J	10774	AQ3 M2I 3NBR50J	10828	AQ3 M2I 4NBR50J	10882
63	AQ3 M2I 2NBR63J	10775	AQ3 M2I 3NBR63J	10829	AQ3 M2I 4NBR63J	10883
80	AQ3 M2I 2NBR80J	10776	AQ3 M2I 3NBR80J	10830	AQ3 M2I 4NBR80J	10884
100	AQ3 M2I 2NBR100J	10777	AQ3 M2I 3NBR100J	10831	AQ3 M2I 4NBR100J	10885
125	AQ3 M2I 2NBR125J	10778	AQ3 M2I 3NBR125J	10832	AQ3 M2I 4NBR125J	10886
160	AQ3 M2I 2NBR160J	30959	AQ3 M2I 3NBR160J	30989	AQ3 M2I 4NBR160J	31019
180	AQ3 M2I 2NBR180J	30960	AQ3 M2I 3NBR180J	30990	AQ3 M2I 4NBR180J	31020
200	AQ3 M2I 2NBR200J	30961	AQ3 M2I 3NBR200J	30991	AQ3 M2I 4NBR200J	31021
225	AQ3 M2I 2NBR225J	30962	AQ3 M2I 3NBR225J	30992	AQ3 M2I 4NBR225J	31022
250	AQ3 M2I 2NBR250J	30963	AQ3 M2I 3NBR250J	30993	AQ3 M2I 4NBR250J	31023
315	AQ3 M2I 2NBR315J	31138	AQ3 M2I 3NBR315J	31162	AQ3 M2I 4NBR315J	31186
350	AQ3 M2I 2NBR350J	31139	AQ3 M2I 3NBR350J	31163	AQ3 M2I 4NBR350J	31187
400	AQ3 M2I 2NBR400J	31140	AQ3 M2I 3NBR400J	31164	AQ3 M2I 4NBR400J	31188
500	AQ3 M2I 2NBR500J	31141	AQ3 M2I 3NBR500J	31165	AQ3 M2I 4NBR500J	31189
Model S: Automatic transfer without restoration						
20	AQ3 M2I 2NBS20J	10788	AQ3 M2I 3NBS20J	10842	AQ3 M2I 4NBS20J	10896
25	AQ3 M2I 2NBS25J	10789	AQ3 M2I 3NBS25J	10843	AQ3 M2I 4NBS25J	10897
32	AQ3 M2I 2NBS32J	10790	AQ3 M2I 3NBS32J	10844	AQ3 M2I 4NBS32J	10898
40	AQ3 M2I 2NBS40J	10791	AQ3 M2I 3NBS40J	10845	AQ3 M2I 4NBS40J	10899
50	AQ3 M2I 2NBS50J	10792	AQ3 M2I 3NBS50J	10846	AQ3 M2I 4NBS50J	10900
63	AQ3 M2I 2NBS63J	10793	AQ3 M2I 3NBS63J	10847	AQ3 M2I 4NBS63J	10901
80	AQ3 M2I 2NBS80J	10794	AQ3 M2I 3NBS80J	10848	AQ3 M2I 4NBS80J	10902
100	AQ3 M2I 2NBS100J	10795	AQ3 M2I 3NBS100J	10849	AQ3 M2I 4NBS100J	10903
125	AQ3 M2I 2NBS125J	10796	AQ3 M2I 3NBS125J	10850	AQ3 M2I 4NBS125J	10904
160	AQ3 M2I 2NBS160J	30969	AQ3 M2I 3NBS160J	30999	AQ3 M2I 4NBS160J	31029
180	AQ3 M2I 2NBS180J	30970	AQ3 M2I 3NBS180J	31000	AQ3 M2I 4NBS180J	31030
200	AQ3 M2I 2NBS200J	30971	AQ3 M2I 3NBS200J	31001	AQ3 M2I 4NBS200J	31031
225	AQ3 M2I 2NBS225J	30972	AQ3 M2I 3NBS225J	31002	AQ3 M2I 4NBS225J	31032
250	AQ3 M2I 2NBS250J	30973	AQ3 M2I 3NBS250J	31003	AQ3 M2I 4NBS250J	31033
315	AQ3 M2I 2NBS315J	31146	AQ3 M2I 3NBS315J	31170	AQ3 M2I 4NBS315J	31194
350	AQ3 M2I 2NBS350J	31147	AQ3 M2I 3NBS350J	31171	AQ3 M2I 4NBS350J	31195
400	AQ3 M2I 2NBS400J	31148	AQ3 M2I 3NBS400J	31172	AQ3 M2I 4NBS400J	31196
500	AQ3 M2I 2NBS500J	31149	AQ3 M2I 3NBS500J	31173	AQ3 M2I 4NBS500J	31197
Grid-Generator (NG)						
Model R: Automatic transfer with restoration						
20	AQ3 M2I 2NGR20J	10806	AQ3 M2I 3NGR20J	10860	AQ3 M2I 4NGR20J	10914
25	AQ3 M2I 2NGR25J	10807	AQ3 M2I 3NGR25J	10861	AQ3 M2I 4NGR25J	10915
32	AQ3 M2I 2NGR32J	10808	AQ3 M2I 3NGR32J	10862	AQ3 M2I 4NGR32J	10916
40	AQ3 M2I 2NGR40J	10809	AQ3 M2I 3NGR40J	10863	AQ3 M2I 4NGR40J	10917
50	AQ3 M2I 2NGR50J	10810	AQ3 M2I 3NGR50J	10864	AQ3 M2I 4NGR50J	10918
63	AQ3 M2I 2NGR63J	10811	AQ3 M2I 3NGR63J	10865	AQ3 M2I 4NGR63J	30788
80	AQ3 M2I 2NGR80J	10812	AQ3 M2I 3NGR80J	10866	AQ3 M2I 4NGR80J	30789
100	AQ3 M2I 2NGR100J	10813	AQ3 M2I 3NGR100J	10867	AQ3 M2I 4NGR100J	30790
125	AQ3 M2I 2NGR125J	10814	AQ3 M2I 3NGR125J	10868	AQ3 M2I 4NGR125J	30791
160	AQ3 M2I 2NGR160J	30979	AQ3 M2I 3NGR160J	31009	AQ3 M2I 4NGR160J	31039
180	AQ3 M2I 2NGR180J	30980	AQ3 M2I 3NGR180J	31010	AQ3 M2I 4NGR180J	31040
200	AQ3 M2I 2NGR200J	30981	AQ3 M2I 3NGR200J	31011	AQ3 M2I 4NGR200J	31041
225	AQ3 M2I 2NGR225J	30982	AQ3 M2I 3NGR225J	31012	AQ3 M2I 4NGR225J	31042
250	AQ3 M2I 2NGR250J	30983	AQ3 M2I 3NGR250J	31013	AQ3 M2I 4NGR250J	31043
315	AQ3 M2I 2NGR315J	31154	AQ3 M2I 3NGR315J	31178	AQ3 M2I 4NGR315J	31202
350	AQ3 M2I 2NGR350J	31155	AQ3 M2I 3NGR350J	31179	AQ3 M2I 4NGR350J	31203
400	AQ3 M2I 2NGR400J	31156	AQ3 M2I 3NGR400J	31180	AQ3 M2I 4NGR400J	31204
500	AQ3 M2I 2NGR500J	31157	AQ3 M2I 3NGR500J	31181	AQ3 M2I 4NGR500J	31205

Selection and ordering data

M3 II versions equipped with internal controller unit



Rated current (A)	2P		3P		4P	
	Type code	Order code	Type code	Order code	Type code	Order code
Grid-Grid (NB)						
Model R: Automatic transfer with restoration						
20	AQ3 M3II 2NBR20L	30792	AQ3 M3II 3NBR20L	30846	AQ3 M3II 4NBR20L	30900
25	AQ3 M3II 2NBR25L	30793	AQ3 M3II 3NBR25L	30847	AQ3 M3II 4NBR25L	30901
32	AQ3 M3II 2NBR32L	30794	AQ3 M3II 3NBR32L	30848	AQ3 M3II 4NBR32L	30902
40	AQ3 M3II 2NBR40L	30795	AQ3 M3II 3NBR40L	30849	AQ3 M3II 4NBR40L	30903
50	AQ3 M3II 2NBR50L	30796	AQ3 M3II 3NBR50L	30850	AQ3 M3II 4NBR50L	30904
63	AQ3 M3II 2NBR63L	30797	AQ3 M3II 3NBR63L	30851	AQ3 M3II 4NBR63L	30905
80	AQ3 M3II 2NBR80L	30798	AQ3 M3II 3NBR80L	30852	AQ3 M3II 4NBR80L	30906
100	AQ3 M3II 2NBR100L	30799	AQ3 M3II 3NBR100L	30853	AQ3 M3II 4NBR100L	30907
125	AQ3 M3II 2NBR125L	30800	AQ3 M3II 3NBR125L	30854	AQ3 M3II 4NBR125L	30908
160	AQ3 M3II 2NBR160L	31044	AQ3 M3II 3NBR160L	31074	AQ3 M3II 4NBR160L	31104
180	AQ3 M3II 2NBR180L	31045	AQ3 M3II 3NBR180L	31075	AQ3 M3II 4NBR180L	31105
200	AQ3 M3II 2NBR200L	31046	AQ3 M3II 3NBR200L	31076	AQ3 M3II 4NBR200L	31106
225	AQ3 M3II 2NBR225L	31047	AQ3 M3II 3NBR225L	31077	AQ3 M3II 4NBR225L	31107
250	AQ3 M3II 2NBR250L	31048	AQ3 M3II 3NBR250L	31078	AQ3 M3II 4NBR250L	31108
315	AQ3 M3II 2NBR315L	31206	AQ3 M3II 3NBR315L	31230	AQ3 M3II 4NBR315L	31254
350	AQ3 M3II 2NBR350L	31207	AQ3 M3II 3NBR350L	31231	AQ3 M3II 4NBR350L	31255
400	AQ3 M3II 2NBR400L	31208	AQ3 M3II 3NBR400L	31232	AQ3 M3II 4NBR400L	31256
500	AQ3 M3II 2NBR500L	31209	AQ3 M3II 3NBR500L	31233	AQ3 M3II 4NBR500L	31257
630	-	-	AQ3 M3II 3NBR630L	31278	AQ3 M3II 4NBR630L	31290
800	-	-	AQ3 M3II 3NBR800L	31279	AQ3 M3II 4NBR800L	31291
1000	-	-	AQ3 M3II 3NBR1000L	31302	AQ3 M3II 4NBR1000L	31344
1250	-	-	AQ3 M3II 3NBR1250L	31303	AQ3 M3II 4NBR1250L	31345
1600	-	-	AQ3 M3II 3NBR1600L	31304	AQ3 M3II 4NBR1600L	31346
2000	-	-	AQ3 M3II 3NBR2000L	31305	AQ3 M3II 4NBR2000L	31347
3150	-	-	AQ3 M3II 3NBR3150L	31306	AQ3 M3II 4NBR3150L	31348
4000	-	-	AQ3 M3II 3NBR4000L	31307	AQ3 M3II 4NBR4000L	31349
5000	-	-	AQ3 M3II 3NBR5000L	31308	AQ3 M3II 4NBR5000L	31350



Grid-Generator (NG)						
Model R: Automatic transfer with restoration						
20	AQ3 M3II 2NGR20L	30819	AQ3 M3II 3NGR20L	30873	AQ3 M3II 4NGR20L	30927
25	AQ3 M3II 2NGR25L	30820	AQ3 M3II 3NGR25L	30874	AQ3 M3II 4NGR25L	30928
32	AQ3 M3II 2NGR32L	30821	AQ3 M3II 3NGR32L	30875	AQ3 M3II 4NGR32L	30929
40	AQ3 M3II 2NGR40L	30822	AQ3 M3II 3NGR40L	30876	AQ3 M3II 4NGR40L	30930
50	AQ3 M3II 2NGR50L	30823	AQ3 M3II 3NGR50L	30877	AQ3 M3II 4NGR50L	30931
63	AQ3 M3II 2NGR63L	30824	AQ3 M3II 3NGR63L	30878	AQ3 M3II 4NGR63L	30932
80	AQ3 M3II 2NGR80L	30825	AQ3 M3II 3NGR80L	30879	AQ3 M3II 4NGR80L	30933
100	AQ3 M3II 2NGR100L	30826	AQ3 M3II 3NGR100L	30880	AQ3 M3II 4NGR100L	30934
125	AQ3 M3II 2NGR125L	30827	AQ3 M3II 3NGR125L	30881	AQ3 M3II 4NGR125L	30935
160	AQ3 M3II 2NGR160L	31059	AQ3 M3II 3NGR160L	31089	AQ3 M3II 4NGR160L	31119
180	AQ3 M3II 2NGR180L	31060	AQ3 M3II 3NGR180L	31090	AQ3 M3II 4NGR180L	31120
200	AQ3 M3II 2NGR200L	31061	AQ3 M3II 3NGR200L	31091	AQ3 M3II 4NGR200L	31121
225	AQ3 M3II 2NGR225L	31062	AQ3 M3II 3NGR225L	31092	AQ3 M3II 4NGR225L	31122
250	AQ3 M3II 2NGR250L	31063	AQ3 M3II 3NGR250L	31093	AQ3 M3II 4NGR250L	31123
315	AQ3 M3II 2NGR315L	31218	AQ3 M3II 3NGR315L	31242	AQ3 M3II 4NGR315L	31266
350	AQ3 M3II 2NGR350L	31219	AQ3 M3II 3NGR350L	31243	AQ3 M3II 4NGR350L	31267
400	AQ3 M3II 2NGR400L	31220	AQ3 M3II 3NGR400L	31244	AQ3 M3II 4NGR400L	31268
500	AQ3 M3II 2NGR500L	31221	AQ3 M3II 3NGR500L	31245	AQ3 M3II 4NGR500L	31269
630	-	-	AQ3 M3II 3NGR630L	31284	AQ3 M3II 4NGR630L	31296
800	-	-	AQ3 M3II 3NGR800L	31285	AQ3 M3II 4NGR800L	31297
1000	-	-	AQ3 M3II 3NGR1000L	31323	AQ3 M3II 4NGR1000L	31365
1250	-	-	AQ3 M3II 3NGR1250L	31324	AQ3 M3II 4NGR1250L	31366
1600	-	-	AQ3 M3II 3NGR1600L	31325	AQ3 M3II 4NGR1600L	31367
2000	-	-	AQ3 M3II 3NGR2000L	31326	AQ3 M3II 4NGR2000L	31368
3150	-	-	AQ3 M3II 3NGR3150L	31327	AQ3 M3II 4NGR3150L	31369
4000	-	-	AQ3 M3II 3NGR4000L	31328	AQ3 M3II 4NGR4000L	31370
5000	-	-	AQ3 M3II 3NGR5000L	31329	AQ3 M3II 4NGR5000L	31371

- Not available

Selection and ordering data

M3 II versions equipped with external J-type controller unit

Rated current (A)	2P		3P		4P	
	Type code	Order code	Type code	Order code	Type code	Order code
Grid-Grid (NB)						
Model R: Automatic transfer with restoration						
20	AQ3 M3II 2NBR20J	30801	AQ3 M3II 3NBR20J	30855	AQ3 M3II 4NBR20J	30909
25	AQ3 M3II 2NBR25J	30802	AQ3 M3II 3NBR25J	30856	AQ3 M3II 4NBR25J	30910
32	AQ3 M3II 2NBR32J	30803	AQ3 M3II 3NBR32J	30857	AQ3 M3II 4NBR32J	30911
40	AQ3 M3II 2NBR40J	30804	AQ3 M3II 3NBR40J	30858	AQ3 M3II 4NBR40J	30912
50	AQ3 M3II 2NBR50J	30805	AQ3 M3II 3NBR50J	30859	AQ3 M3II 4NBR50J	30913
63	AQ3 M3II 2NBR63J	30806	AQ3 M3II 3NBR63J	30860	AQ3 M3II 4NBR63J	30914
80	AQ3 M3II 2NBR80J	30807	AQ3 M3II 3NBR80J	30861	AQ3 M3II 4NBR80J	30915
100	AQ3 M3II 2NBR100J	30808	AQ3 M3II 3NBR100J	30862	AQ3 M3II 4NBR100J	30916
125	AQ3 M3II 2NBR125J	30809	AQ3 M3II 3NBR125J	30863	AQ3 M3II 4NBR125J	30917
160	AQ3 M3II 2NBR160J	31049	AQ3 M3II 3NBR160J	31079	AQ3 M3II 4NBR160J	31109
180	AQ3 M3II 2NBR180J	31050	AQ3 M3II 3NBR180J	31080	AQ3 M3II 4NBR180J	31110
200	AQ3 M3II 2NBR200J	31051	AQ3 M3II 3NBR200J	31081	AQ3 M3II 4NBR200J	31111
225	AQ3 M3II 2NBR225J	31052	AQ3 M3II 3NBR225J	31082	AQ3 M3II 4NBR225J	31112
250	AQ3 M3II 2NBR250J	31053	AQ3 M3II 3NBR250J	31083	AQ3 M3II 4NBR250J	31113
315	AQ3 M3II 2NBR315J	31210	AQ3 M3II 3NBR315J	31234	AQ3 M3II 4NBR315J	31258
350	AQ3 M3II 2NBR350J	31211	AQ3 M3II 3NBR350J	31235	AQ3 M3II 4NBR350J	31259
400	AQ3 M3II 2NBR400J	31212	AQ3 M3II 3NBR400J	31236	AQ3 M3II 4NBR400J	31260
500	AQ3 M3II 2NBR500J	31213	AQ3 M3II 3NBR500J	31237	AQ3 M3II 4NBR500J	31261
630	-	-	AQ3 M3II 3NBR630J	31280	AQ3 M3II 4NBR630J	31292
800	-	-	AQ3 M3II 3NBR800J	31281	AQ3 M3II 4NBR800J	31293
1000	-	-	AQ3 M3II 3NBR1000J	31309	AQ3 M3II 4NBR1000J	31351
1250	-	-	AQ3 M3II 3NBR1250J	31310	AQ3 M3II 4NBR1250J	31352
1600	-	-	AQ3 M3II 3NBR1600J	31311	AQ3 M3II 4NBR1600J	31353
2000	-	-	AQ3 M3II 3NBR2000J	31312	AQ3 M3II 4NBR2000J	31354
3150	-	-	AQ3 M3II 3NBR3150J	31313	AQ3 M3II 4NBR3150J	31355
4000	-	-	AQ3 M3II 3NBR4000J	31314	AQ3 M3II 4NBR4000J	31356
5000	-	-	AQ3 M3II 3NBR5000J	31315	AQ3 M3II 4NBR5000J	31357



Grid-Generator (NG)

Model R: Automatic transfer with restoration

20	AQ3 M3II 2NGR20J	30828	AQ3 M3II 3NGR20J	30882	AQ3 M3II 4NGR20J	30936
25	AQ3 M3II 2NGR25J	30829	AQ3 M3II 3NGR25J	30883	AQ3 M3II 4NGR25J	30937
32	AQ3 M3II 2NGR32J	30830	AQ3 M3II 3NGR32J	30884	AQ3 M3II 4NGR32J	30938
40	AQ3 M3II 2NGR40J	30831	AQ3 M3II 3NGR40J	30885	AQ3 M3II 4NGR40J	30939
50	AQ3 M3II 2NGR50J	30832	AQ3 M3II 3NGR50J	30886	AQ3 M3II 4NGR50J	30940
63	AQ3 M3II 2NGR63J	30833	AQ3 M3II 3NGR63J	30887	AQ3 M3II 4NGR63J	30941
80	AQ3 M3II 2NGR80J	30834	AQ3 M3II 3NGR80J	30888	AQ3 M3II 4NGR80J	30942
100	AQ3 M3II 2NGR100J	30835	AQ3 M3II 3NGR100J	30889	AQ3 M3II 4NGR100J	30943
125	AQ3 M3II 2NGR125J	30836	AQ3 M3II 3NGR125J	30890	AQ3 M3II 4NGR125J	30944
160	AQ3 M3II 2NGR160J	31064	AQ3 M3II 3NGR160J	31094	AQ3 M3II 4NGR160J	31124
180	AQ3 M3II 2NGR180J	31065	AQ3 M3II 3NGR180J	31095	AQ3 M3II 4NGR180J	31125
200	AQ3 M3II 2NGR200J	31066	AQ3 M3II 3NGR200J	31096	AQ3 M3II 4NGR200J	31126
225	AQ3 M3II 2NGR225J	31067	AQ3 M3II 3NGR225J	31097	AQ3 M3II 4NGR225J	31127
250	AQ3 M3II 2NGR250J	31068	AQ3 M3II 3NGR250J	31098	AQ3 M3II 4NGR250J	31128
315	AQ3 M3II 2NGR315J	31222	AQ3 M3II 3NGR315J	31246	AQ3 M3II 4NGR315J	31270
350	AQ3 M3II 2NGR350J	31223	AQ3 M3II 3NGR350J	31247	AQ3 M3II 4NGR350J	31271
400	AQ3 M3II 2NGR400J	31224	AQ3 M3II 3NGR400J	31248	AQ3 M3II 4NGR400J	31272
500	AQ3 M3II 2NGR500J	31225	AQ3 M3II 3NGR500J	31249	AQ3 M3II 4NGR500J	31273
630	-	-	AQ3 M3II 3NGR630J	31286	AQ3 M3II 4NGR630J	31298
800	-	-	AQ3 M3II 3NGR800J	31287	AQ3 M3II 4NGR800J	31299
1000	-	-	AQ3 M3II 3NGR1000J	31330	AQ3 M3II 4NGR1000J	31372
1250	-	-	AQ3 M3II 3NGR1250J	31331	AQ3 M3II 4NGR1250J	31373
1600	-	-	AQ3 M3II 3NGR1600J	31332	AQ3 M3II 4NGR1600J	31374
2000	-	-	AQ3 M3II 3NGR2000J	31333	AQ3 M3II 4NGR2000J	31375
3150	-	-	AQ3 M3II 3NGR3150J	31334	AQ3 M3II 4NGR3150J	31376
4000	-	-	AQ3 M3II 3NGR4000J	31335	AQ3 M3II 4NGR4000J	31377
5000	-	-	AQ3 M3II 3NGR5000J	31336	AQ3 M3II 4NGR5000J	31378

- Not available

Selection and ordering data

M3 II versions equipped with external LCD display controller unit

Rated current (A)	2P		3P		4P	
	Type code	Order code	Type code	Order code	Type code	Order code
Grid-Grid (NB)						
Model R: Automatic transfer with restoration						
20	AQ3 M3II 2NBR20C	30810	AQ3 M3II 3NBR20C	30864	AQ3 M3II 4NBR20C	30918
25	AQ3 M3II 2NBR25C	30811	AQ3 M3II 3NBR25C	30865	AQ3 M3II 4NBR25C	30919
32	AQ3 M3II 2NBR32C	30812	AQ3 M3II 3NBR32C	30866	AQ3 M3II 4NBR32C	30920
40	AQ3 M3II 2NBR40C	30813	AQ3 M3II 3NBR40C	30867	AQ3 M3II 4NBR40C	30921
50	AQ3 M3II 2NBR50C	30814	AQ3 M3II 3NBR50C	30868	AQ3 M3II 4NBR50C	30922
63	AQ3 M3II 2NBR63C	30815	AQ3 M3II 3NBR63C	30869	AQ3 M3II 4NBR63C	30923
80	AQ3 M3II 2NBR80C	30816	AQ3 M3II 3NBR80C	30870	AQ3 M3II 4NBR80C	30924
100	AQ3 M3II 2NBR100C	30817	AQ3 M3II 3NBR100C	30871	AQ3 M3II 4NBR100C	30925
125	AQ3 M3II 2NBR125C	30818	AQ3 M3II 3NBR125C	30872	AQ3 M3II 4NBR125C	30926
160	AQ3 M3II 2NBR160C	31054	AQ3 M3II 3NBR160C	31084	AQ3 M3II 4NBR160C	31114
180	AQ3 M3II 2NBR180C	31055	AQ3 M3II 3NBR180C	31085	AQ3 M3II 4NBR180C	31115
200	AQ3 M3II 2NBR200C	31056	AQ3 M3II 3NBR200C	31086	AQ3 M3II 4NBR200C	31116
225	AQ3 M3II 2NBR225C	31057	AQ3 M3II 3NBR225C	31087	AQ3 M3II 4NBR225C	31117
250	AQ3 M3II 2NBR250C	31058	AQ3 M3II 3NBR250C	31088	AQ3 M3II 4NBR250C	31118
315	AQ3 M3II 2NBR315C	31214	AQ3 M3II 3NBR315C	31238	AQ3 M3II 4NBR315C	31262
350	AQ3 M3II 2NBR350C	31215	AQ3 M3II 3NBR350C	31239	AQ3 M3II 4NBR350C	31263
400	AQ3 M3II 2NBR400C	31216	AQ3 M3II 3NBR400C	31240	AQ3 M3II 4NBR400C	31264
500	AQ3 M3II 2NBR500C	31217	AQ3 M3II 3NBR500C	31241	AQ3 M3II 4NBR500C	31265
630	-	-	AQ3 M3II 3NBR630C	31282	AQ3 M3II 4NBR630C	31294
800	-	-	AQ3 M3II 3NBR800C	31283	AQ3 M3II 4NBR800C	31295
1000	-	-	AQ3 M3II 3NBR1000C	31316	AQ3 M3II 4NBR1000C	31358
1250	-	-	AQ3 M3II 3NBR1250C	31317	AQ3 M3II 4NBR1250C	31359
1600	-	-	AQ3 M3II 3NBR1600C	31318	AQ3 M3II 4NBR1600C	31360
2000	-	-	AQ3 M3II 3NBR2000C	31319	AQ3 M3II 4NBR2000C	31361
3150	-	-	AQ3 M3II 3NBR3150C	31320	AQ3 M3II 4NBR3150C	31362
4000	-	-	AQ3 M3II 3NBR4000C	31321	AQ3 M3II 4NBR4000C	31363
5000	-	-	AQ3 M3II 3NBR5000C	31322	AQ3 M3II 4NBR5000C	31364



Grid-Generator (NG)						
Model R: Automatic transfer with restoration						
20	AQ3 M3II 2NGR20C	30837	AQ3 M3II 3NGR20C	30891	AQ3 M3II 4NGR20C	30945
25	AQ3 M3II 2NGR25C	30838	AQ3 M3II 3NGR25C	30892	AQ3 M3II 4NGR25C	30946
32	AQ3 M3II 2NGR32C	30839	AQ3 M3II 3NGR32C	30893	AQ3 M3II 4NGR32C	30947
40	AQ3 M3II 2NGR40C	30840	AQ3 M3II 3NGR40C	30894	AQ3 M3II 4NGR40C	30948
50	AQ3 M3II 2NGR50C	30841	AQ3 M3II 3NGR50C	30895	AQ3 M3II 4NGR50C	30949
63	AQ3 M3II 2NGR63C	30842	AQ3 M3II 3NGR63C	30896	AQ3 M3II 4NGR63C	30950
80	AQ3 M3II 2NGR80C	30843	AQ3 M3II 3NGR80C	30897	AQ3 M3II 4NGR80C	30951
100	AQ3 M3II 2NGR100C	30844	AQ3 M3II 3NGR100C	30898	AQ3 M3II 4NGR100C	30952
125	AQ3 M3II 2NGR125C	30845	AQ3 M3II 3NGR125C	30899	AQ3 M3II 4NGR125C	30953
160	AQ3 M3II 2NGR160C	31069	AQ3 M3II 3NGR160C	31099	AQ3 M3II 4NGR160C	31129
180	AQ3 M3II 2NGR180C	31070	AQ3 M3II 3NGR180C	31100	AQ3 M3II 4NGR180C	31130
200	AQ3 M3II 2NGR200C	31071	AQ3 M3II 3NGR200C	31101	AQ3 M3II 4NGR200C	31131
225	AQ3 M3II 2NGR225C	31072	AQ3 M3II 3NGR225C	31102	AQ3 M3II 4NGR225C	31132
250	AQ3 M3II 2NGR250C	31073	AQ3 M3II 3NGR250C	31103	AQ3 M3II 4NGR250C	31133
315	AQ3 M3II 2NGR315C	31226	AQ3 M3II 3NGR315C	31250	AQ3 M3II 4NGR315C	31274
350	AQ3 M3II 2NGR350C	31227	AQ3 M3II 3NGR350C	31251	AQ3 M3II 4NGR350C	31275
400	AQ3 M3II 2NGR400C	31228	AQ3 M3II 3NGR400C	31252	AQ3 M3II 4NGR400C	31276
500	AQ3 M3II 2NGR500C	31229	AQ3 M3II 3NGR500C	31253	AQ3 M3II 4NGR500C	31277
630	-	-	AQ3 M3II 3NGR630C	31288	AQ3 M3II 4NGR630C	31300
800	-	-	AQ3 M3II 3NGR800C	31289	AQ3 M3II 4NGR800C	31301
1000	-	-	AQ3 M3II 3NGR1000C	31337	AQ3 M3II 4NGR1000C	31379
1250	-	-	AQ3 M3II 3NGR1250C	31338	AQ3 M3II 4NGR1250C	31380
1600	-	-	AQ3 M3II 3NGR1600C	31339	AQ3 M3II 4NGR1600C	31381
2000	-	-	AQ3 M3II 3NGR2000C	31340	AQ3 M3II 4NGR2000C	31382
3150	-	-	AQ3 M3II 3NGR3150C	31341	AQ3 M3II 4NGR3150C	31383
4000	-	-	AQ3 M3II 3NGR4000C	31342	AQ3 M3II 4NGR4000C	31384
5000	-	-	AQ3 M3II 3NGR5000C	31343	AQ3 M3II 4NGR5000C	31385

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