

## 3SAQ2, CB class, up to 800 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



### Application

3SAQ2 series automatic transfer switches are made up of two pieces of 3-pole or 4-pole MCCB and accessories (including auxiliary and alarm contacts), mechanical interlocking and electronic trip unit etc. As the terminal automatic switching devices, they are applied for the grid with double power supply of AC 50 Hz or 60 Hz, the rated current up to 800 A of three phase four line (available for one phase one line also). When one.

### Standards

IEC 60947-6-1

### 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

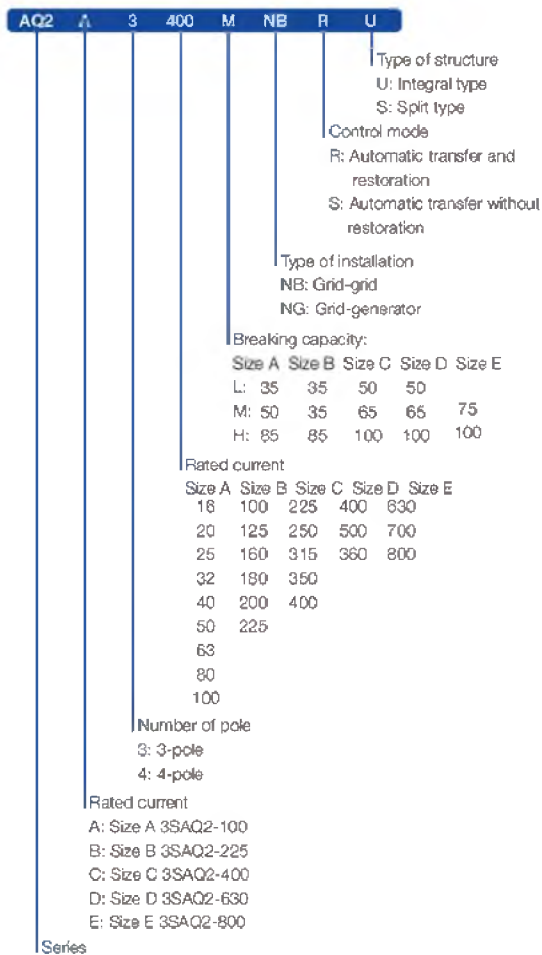
**Тольятти** (8482) 63-91-07  
**Томск** (3822) 98-41-53  
**Тула** (4872) 33-79-87  
**Тюмень** (3452) 66-21-18  
**Ульяновск** (8422) 24-23-59  
**Улан-Удэ** (3012) 59-97-51  
**Уфа** (347) 229-48-12  
**Симферополь** (3652) 67-13-56  
**Хабаровск** (4212) 92-98-04  
**Челябинск** (351) 202-03-61  
**Череповец** (8202) 49-02-64  
**Чита** (3022) 38-34-83  
**Якутск** (4112) 23-90-97  
**Ярославль** (4852) 69-52-93

**Россия** +7(495) 268-04-70

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**Киргизия** +996(312) 96-26-47

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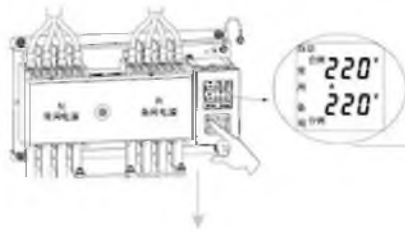


## Features

- Small size, easy to instal
- Advanced digital electronic control technology
- Driven by single motor
- Double interlock protection
- Double protection of mechanical interlock and electrical interlock prevents the two power supply from being connected at the same time. The electrical interlock adopts the way of directly indicating fuse contact position of automatic switch to achieve true electric interlock-to prevent the automatic transfer
- Under conditions such as contact fusion welding, breaker handle damaged, circuit-breaker fault trip etc
- Low power consumption and lower level noise

Frame	Power consumption
3SAQ2-1003	20 W
SAQ2-2253	40 W
SAQ2-400/630/800	20 W

- Complete functions as shown in the following pictures



**Transfer parameters is settable**

- Value of under-voltage transfer (fault setting is 187 V)
- Time-delay of transfer
- Grid-grid: mode R, mode S
- Grid-generator: mode R, mode S

**Visual management**

- Display voltage value of three phase
- Display of status of open and closed



**Kinds of auxiliary function**

- External terminals for indication of open and closed
- Fire linkage
- Signal of generator
- External power supply



Integrated or split controller, easy to install

- Isolation function

**Technical Parameter**

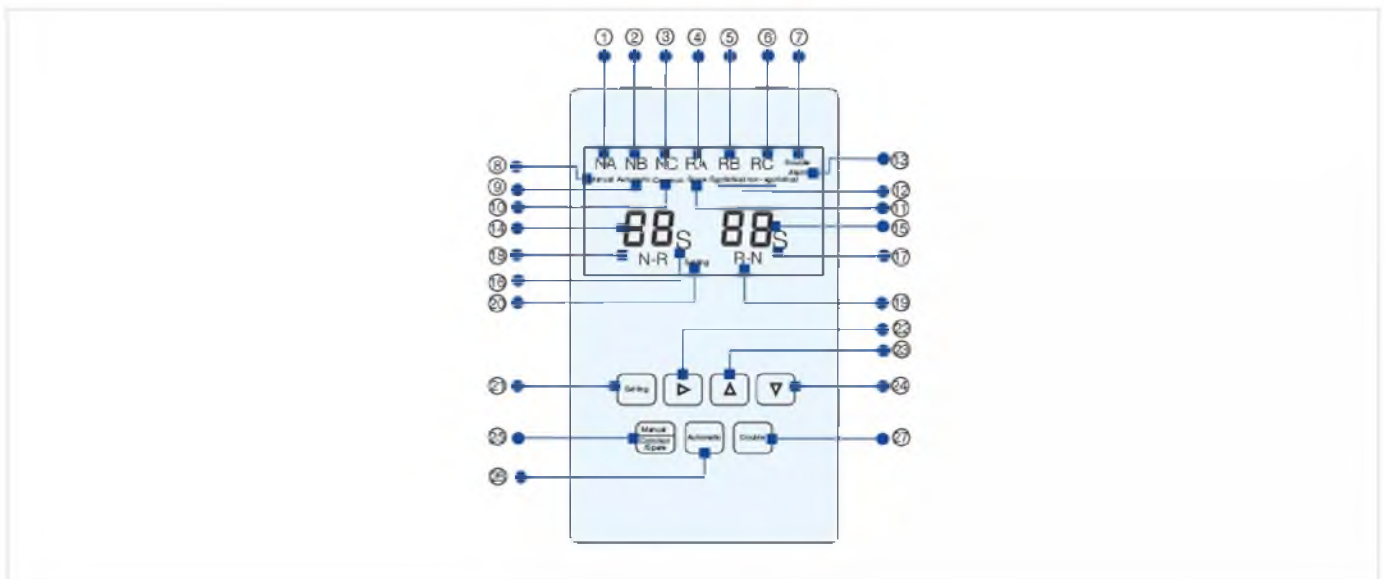
Size	A				B				C				D				E				
Type	3SAQ2-100				3SAQ2-225				3SAQ2-400				3SAQ2-630				3SAQ2-800				
Standard	IEC 60947-6-1				IEC 60947-6-1				IEC 60947-6-1				IEC 60947-6-1				IEC 60947-6-1				
Execution circuit-breaker	3SM8N-100				3SM8N-225				3SM8N-400				3SM8N-630				3SM8N-800				
Rated current $I_n$	A	16				100				225				400				630			
		25				125				250				500				700			
		32				160				315				360				800			
		40				180				350											
		50				200				400											
		63				225															
		80																			
		100																			
Rated operating voltage $U_n$	V a.c.	400				400				400				400							
Rated operating frequency	Hz	50/60				50/60				50/60				50/60							
Rated insulation voltage	V a.c.	800				800				800				800				800			
Rated impulse withstand voltage $U_{imp}$	kV	8				8				8				8				8			
Poles	pole	3		4		3		4		3		4		3		4		3		4	
Breaking capacity		L	M	H	M	L	M	H	M	L	M	H	M	L	M	H	M	M	H	M	
Rated short-circuit breaking capacity $I_{cn}$	kA	35	50	85	50	35	50	85	50	50	65	100	65	50	65	100	65	75	100	75	
Rated short-circuit making capacity $I_{cm}$	kA	73.5	105	187	105	73.5	105	187	105	105	143	220	143	105	143	220	143	165	220	165	
Mechanical life	cycle	6000				6000				4000				3000				3000			
Use category		AC-33B																			
Product type		CB class																			
Protection level		IP30 (except terminals of main circuit)																			
Protection																					
Overload protection		√				√				√				√				√			
Short-circuit protection		√				√				√				√				√			

**Controller**

Function

Manual and automatic transfer mode	√
Working position of main contact (execute circuit breaker)	
Normal power supply closed	√
Standby power supply closed	√
Double open	√
Automatic control	
Monitoring of normal power supply (three phase detection)	√
Monitoring of standby power supply (three phase detection)	√
Automatic transfer and restoration	√
Automatic transfer without restoration	√
Grid-grid	√
Grid-generator	√
Short phase or voltage loss transfer	√
Under voltage transfer	√
Over voltage transfer	√
Adjustable time-delay	√
Time-delayed transfer	0-30 s continuous adjustment
Return delay	0-30 s continuous adjustment
Generator control	√
Fire linkage	√
Indication	
Indication of closed, open and double open	√
Indication of normal power supply	√
Indication of standby power supply	√
Indication of fault, trip	√
External signal terminal of indication	√
Indication of parameter setting	√
Interlock protection	
Electrical interlock	√

## LCD Display of Controller

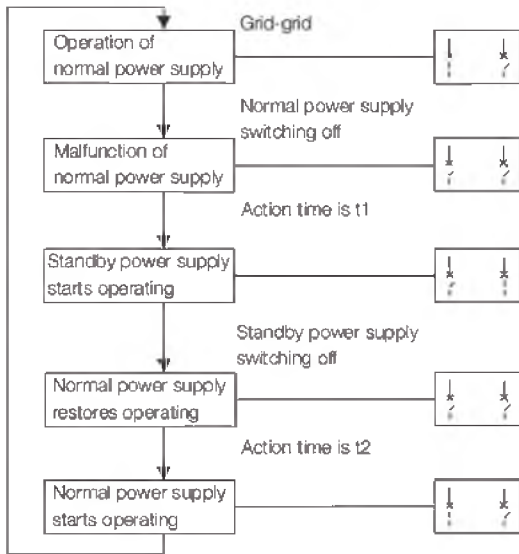


- ① Displaying the status of A phase for normal power supply. No display if abnormal
- ② Displaying the status of B phase for normal power supply. No display if abnormal
- ③ Displaying the status of C phase for normal power supply. No display if abnormal
- ④ Displaying the status of A phase for standby power supply. No display if abnormal
- ⑤ Displaying the status of B phase for standby power supply. No display if abnormal
- ⑥ Displaying the status of C phase for standby power supply. No display if abnormal
- ⑦ Displaying the double open status
- ⑧ Indicating the controller is in manual control mode
- ⑨ Indicating the controller is in automatic control mode
- ⑩ Indicating the normal power supply is closed
- ⑪ Indicating the standby power supply is closed
- ⑫ Display the control mode
- ⑬ Display the ATS in tripped status
- ⑭ Parameter display area of normal power supply
- ⑮ Parameter display area of standby power supply
- ⑯ Unit of time: second
- ⑰ Unit of time: second

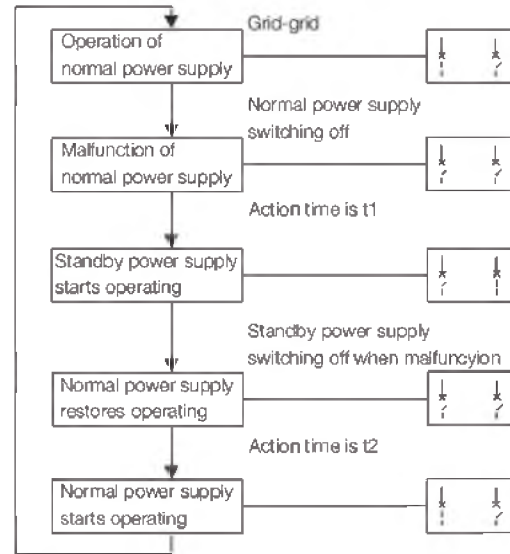
- ⑱ Indication of time-delayed transfer
- ⑲ Indication of time-delayed return
- ⑳ Indication of settings of controller
- ㉑ Setting button: press to enter setting menu
- ㉒ Shift button: check voltage in normal use, move backwards in setting status
- ㉓ Up button: increase number in setting status
- ㉔ Down button: decrease number in setting status
- ㉕ Manual button: press to switch to manual control in normal use, and transfer between normal power supply and standby power supply if in manual control status
- ㉖ Automatic button: press to switch to automatic control mode
- ㉗ Double open button: press to switch to double open status in manual control mode, save and exit in setting status

## Diagram of Control Logic

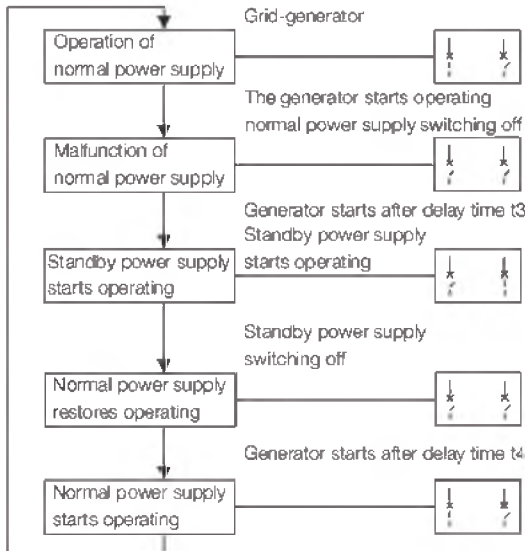
- Automatic transfer and restoration between the normal and standby power supply



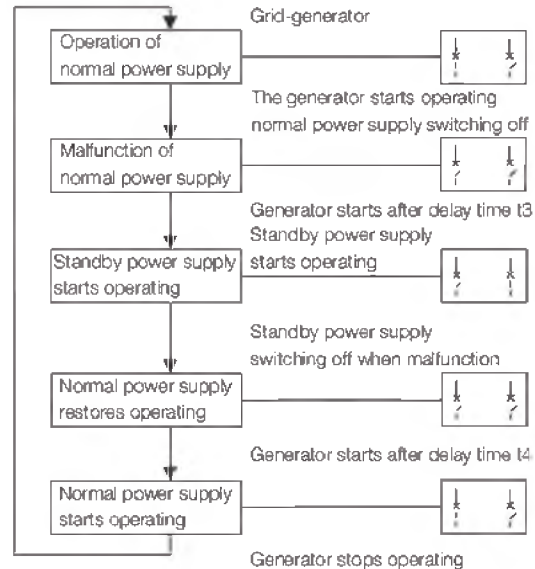
- Automatic transfer without restoration between the normal and standby power supply



- Automatic transfer and restoration between the normal and generating power supply

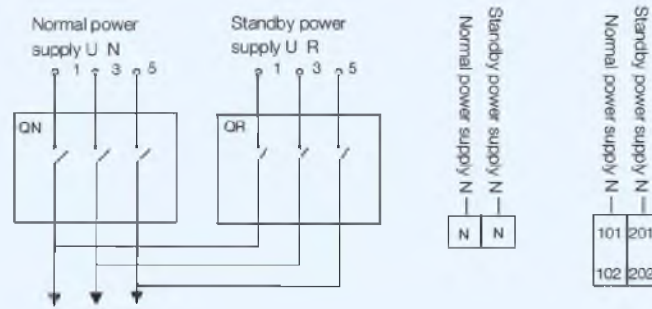


- Automatic transfer without restoration between the normal and generating power supply

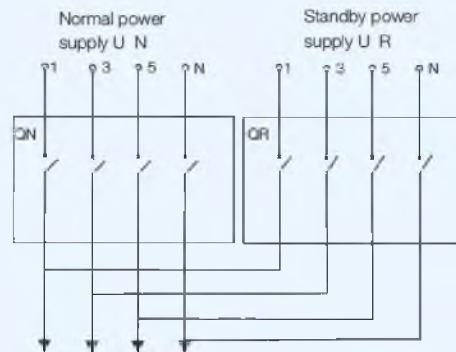


## External Wiring Diagram

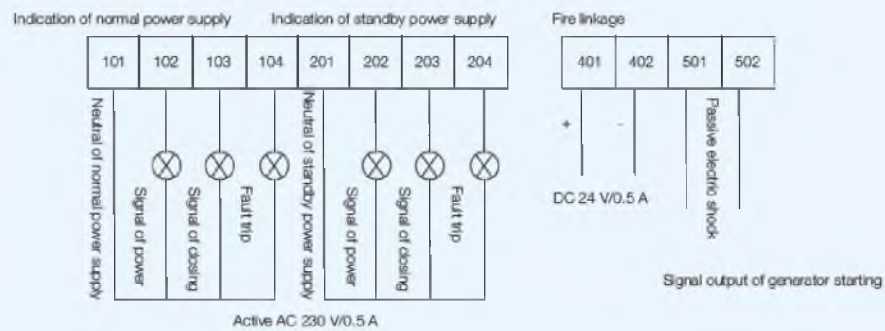
3-pole



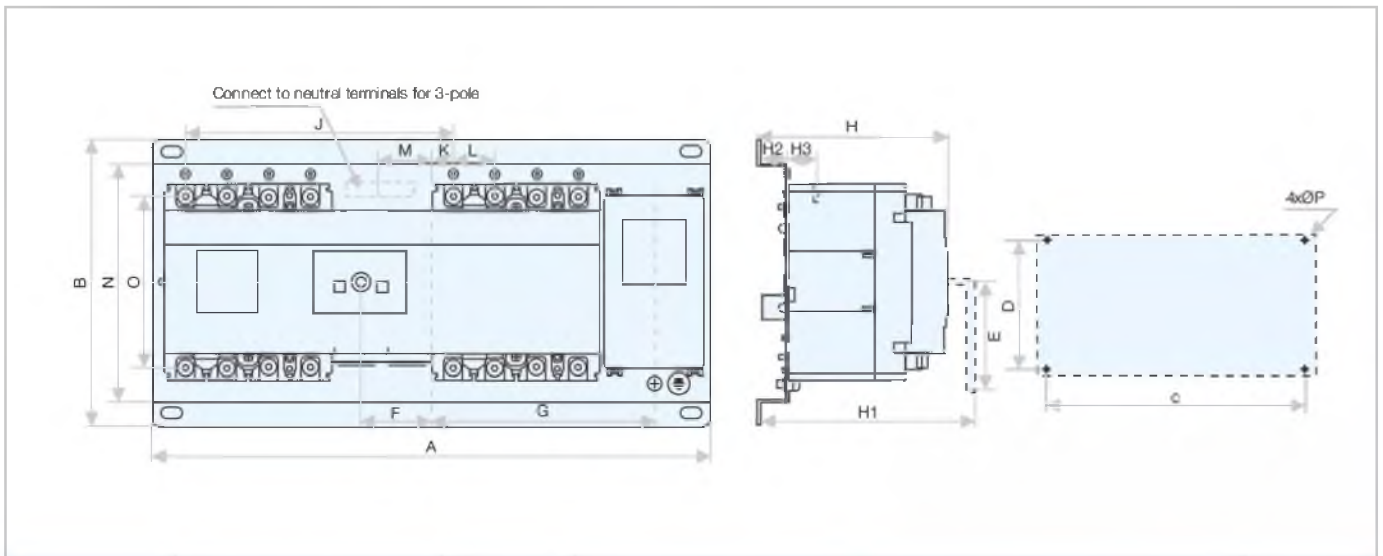
4-pole



External connection of controller

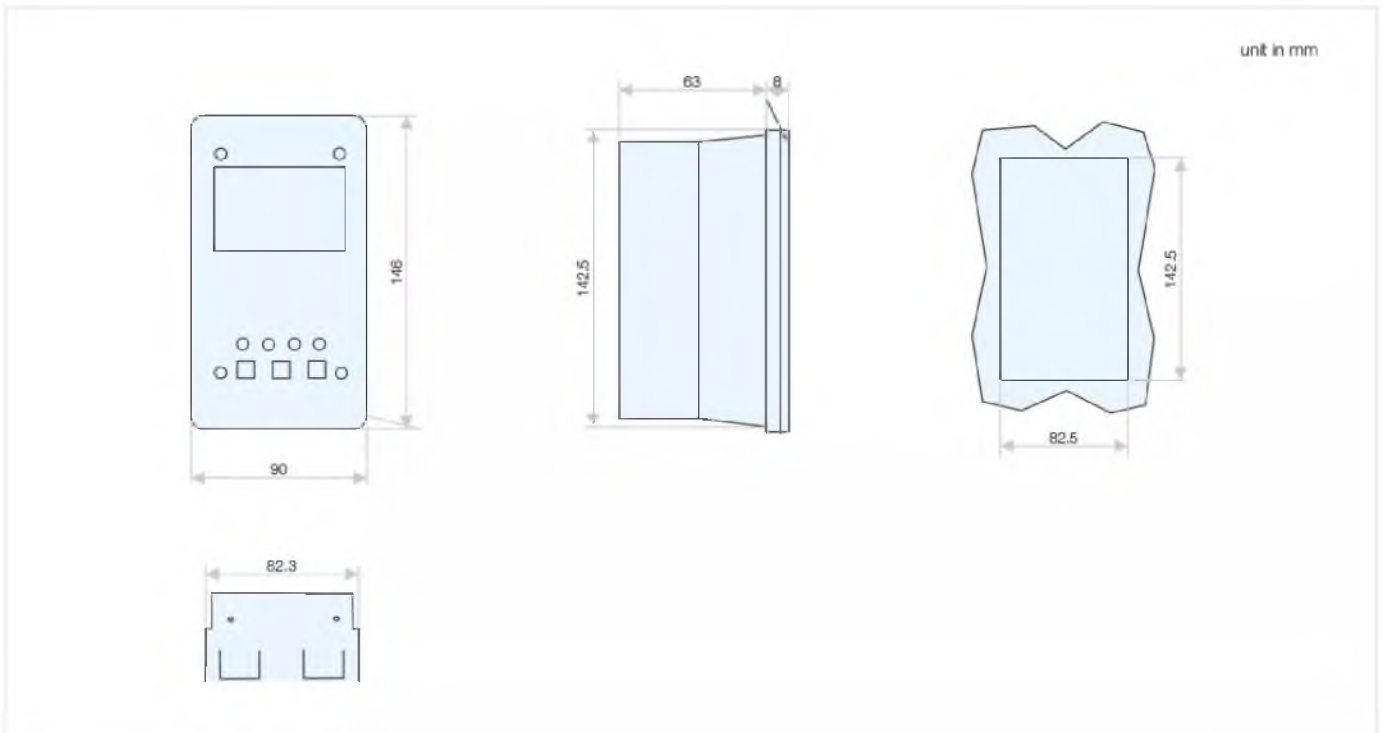


## Outline and Installation Dimension Diagram



	A		B	C		D	H	H1	P
	3-pole	4-pole		3-pole	4-pole				
3SAQ2-100	420	420	240	420	420	220	140	180	Ø8
3SAQ2-225	470	470	240	470	470	220	160	190	Ø8
3SAQ2-400	615	615	330	615	615	300	200	227	Ø10
3SAQ2-630	740	740	330	740	740	300	200	231	Ø10
3SAQ2-800	725	790	330	725	790	300	210	240	Ø10

### Drilling dimensions of control panel



### Selection and ordering data

#### Size A: 3SAQ2-100

Automatic transfer and restoration between normal and standby power supply (NBR)

Circuit-breaker of main circuit	Breaking capacity Icn at 400 V AC	Rated current (A)	Unitary type		Split type	
			Type code	Order code	Type code	Order code
3-pole						
3SM8N-100L	35 kA	16	AQ2A 3016LNBRU	19944	AQ2A 3016LNBRS	30341
		20	AQ2A 3020LNBRU	19945	AQ2A 3020LNBRS	30342
		25	AQ2A 3025LNBRU	19946	AQ2A 3025LNBRS	30343
		32	AQ2A 3032LNBRU	19947	AQ2A 3032LNBRS	30344
		40	AQ2A 3040LNBRU	19948	AQ2A 3040LNBRS	30345
		50	AQ2A 3050LNBRU	19949	AQ2A 3050LNBRS	30346
		63	AQ2A 3063LNBRU	19950	AQ2A 3063LNBRS	30347
		80	AQ2A 3080LNBRU	19951	AQ2A 3080LNBRS	30348
3SM8N-100M	50 kA	100	AQ2A 3100LNBRU	19952	AQ2A 3100LNBRS	30349
		16	AQ2A 3016MNBRU	19971	AQ2A 3016MNBRS	30368
		20	AQ2A 3020MNBRU	19972	AQ2A 3020MNBRS	30369
		25	AQ2A 3025MNBRU	19973	AQ2A 3025MNBRS	30370
		32	AQ2A 3032MNBRU	19974	AQ2A 3032MNBRS	30371
		40	AQ2A 3040MNBRU	19975	AQ2A 3040MNBRS	30372
		50	AQ2A 3050MNBRU	19976	AQ2A 3050MNBRS	30373
		63	AQ2A 3063MNBRU	19977	AQ2A 3063MNBRS	30374
3SM8N-100H	85 kA	80	AQ2A 3080MNBRU	19978	AQ2A 3080MNBRS	30375
		100	AQ2A 3100MNBRU	19979	AQ2A 3100MNBRS	30376
		16	AQ2A 3016HNBRU	30026	AQ2A 3016HNBRS	30422
		20	AQ2A 3020HNBRU	30027	AQ2A 3020HNBRS	30423
		25	AQ2A 3025HNBRU	30028	AQ2A 3025HNBRS	30424
		32	AQ2A 3032HNBRU	30029	AQ2A 3032HNBRS	30425
		40	AQ2A 3040HNBRU	30030	AQ2A 3040HNBRS	30426
		50	AQ2A 3050HNBRU	30031	AQ2A 3050HNBRS	30427
3SM8N-100M	50 kA	63	AQ2A 3063HNBRU	30032	AQ2A 3063HNBRS	30428
		80	AQ2A 3080HNBRU	30033	AQ2A 3080HNBRS	30429
		100	AQ2A 3100HNBRU	30034	AQ2A 3100HNBRS	30430
		16	AQ2A 4016MNBRU	19998	AQ2A 4016MNBRS	30395
		20	AQ2A 4020MNBRU	19999	AQ2A 4020MNBRS	30396
		25	AQ2A 4025MNBRU	30001	AQ2A 4025MNBRS	30397
		32	AQ2A 4032MNBRU	30002	AQ2A 4032MNBRS	30398
		40	AQ2A 4040MNBRU	30003	AQ2A 4040MNBRS	30399
3SM8N-100M	50 kA	50	AQ2A 4050MNBRU	30004	AQ2A 4050MNBRS	30400
		63	AQ2A 4063MNBRU	30005	AQ2A 4063MNBRS	30401
		80	AQ2A 4080MNBRU	30006	AQ2A 4080MNBRS	30402
		100	AQ2A 4100MNBRU	30007	AQ2A 4100MNBRS	30403

## Selection and ordering data

### Size A: 3SAQ2-100

Automatic transfer without restoration between normal and standby power supply (NBS)



Circuit-breaker of main circuit	Breaking capacity Icn at 400 V AC	Rated current (A)	Unitary type		Split type	
			Type code	Order code	Type code	Order code
3-pole						
3SM8N-100L	35 kA	16	AQ2A 3016LNBSU	19953	AQ2A 3016LNBS	30350
		20	AQ2A 3020LNBSU	19954	AQ2A 3020LNBS	30351
		25	AQ2A 3025LNBSU	19955	AQ2A 3025LNBS	30352
		32	AQ2A 3032LNBSU	19956	AQ2A 3032LNBS	30353
		40	AQ2A 3040LNBSU	19957	AQ2A 3040LNBS	30354
		50	AQ2A 3050LNBSU	19958	AQ2A 3050LNBS	30355
		63	AQ2A 3063LNBSU	19959	AQ2A 3063LNBS	30356
		80	AQ2A 3080LNBSU	19960	AQ2A 3080LNBS	30357
3SM8N-100M	50 kA	100	AQ2A 3100LNBSU	19961	AQ2A 3100LNBS	30358
		16	AQ2A 3016MNBSU	19980	AQ2A 3016MNBS	30377
		20	AQ2A 3020MNBSU	19981	AQ2A 3020MNBS	30378
		25	AQ2A 3025MNBSU	19982	AQ2A 3025MNBS	30379
		32	AQ2A 3032MNBSU	19983	AQ2A 3032MNBS	30380
		40	AQ2A 3040MNBSU	19984	AQ2A 3040MNBS	30381
		50	AQ2A 3050MNBSU	19985	AQ2A 3050MNBS	30382
		63	AQ2A 3063MNBSU	19986	AQ2A 3063MNBS	30383
3SM8N-100H	85 kA	80	AQ2A 3080MNBSU	19987	AQ2A 3080MNBS	30384
		100	AQ2A 3100MNBSU	19988	AQ2A 3100MNBS	30385
		16	AQ2A 3016HNBSU	30035	AQ2A 3016HNBS	30431
		20	AQ2A 3020HNBSU	30036	AQ2A 3020HNBS	30432
		25	AQ2A 3025HNBSU	30037	AQ2A 3025HNBS	30433
		32	AQ2A 3032HNBSU	30038	AQ2A 3032HNBS	30434
		40	AQ2A 3040HNBSU	30039	AQ2A 3040HNBS	30435
		50	AQ2A 3050HNBSU	30040	AQ2A 3050HNBS	30436
4-pole	3SM8N-100M	63	AQ2A 3063HNBSU	30041	AQ2A 3063HNBS	30437
		80	AQ2A 3080HNBSU	30042	AQ2A 3080HNBS	30438
		100	AQ2A 3100HNBSU	30043	AQ2A 3100HNBS	30439
		16	AQ2A 4016MNBSU	30008	AQ2A 4016MNBS	30404
		20	AQ2A 4020MNBSU	30009	AQ2A 4020MNBS	30405
		25	AQ2A 4025MNBSU	30010	AQ2A 4025MNBS	30406
		32	AQ2A 4032MNBSU	30011	AQ2A 4032MNBS	30407
		40	AQ2A 4040MNBSU	30012	AQ2A 4040MNBS	30408
	50 kA	50	AQ2A 4050MNBSU	30013	AQ2A 4050MNBS	30409
		63	AQ2A 4063MNBSU	30014	AQ2A 4063MNBS	30410
		80	AQ2A 4080MNBSU	30015	AQ2A 4080MNBS	30411
		100	AQ2A 4100MNBSU	30016	AQ2A 4100MNBS	30412

## Selection and ordering data

### Size A: 3SAQ2-100

Automatic transfer and restoration between normal and generating power supply (NGR)

Circuit-breaker of main circuit	Breaking capacity I <sub>cn</sub> at 400 V AC	Rated current (A)	Unitary type	Split type		
			Type code	Order code	Type code	Order code
<b>3-pole</b>						
3SM8N-100L	35 kA	16	AQ2A 3016LNGRU	19962	AQ2A 3016LNGRS	30359
		20	AQ2A 3020LNGRU	19963	AQ2A 3020LNGRS	30360
		25	AQ2A 3025LNGRU	19964	AQ2A 3025LNGRS	30361
		32	AQ2A 3032LNGRU	19965	AQ2A 3032LNGRS	30362
		40	AQ2A 3040LNGRU	19966	AQ2A 3040LNGRS	30363
		50	AQ2A 3050LNGRU	19967	AQ2A 3050LNGRS	30364
		63	AQ2A 3063LNGRU	19968	AQ2A 3063LNGRS	30365
		80	AQ2A 3080LNGRU	19969	AQ2A 3080LNGRS	30366
		100	AQ2A 3100LNGRU	19970	AQ2A 3100LNGRS	30367
		3SM8N-100M	50 kA	16	AQ2A 3016MNGRU	19989
20	AQ2A 3020MNGRU			19990	AQ2A 3020MNGRS	30387
25	AQ2A 3025MNGRU			19991	AQ2A 3025MNGRS	30388
32	AQ2A 3032MNGRU			19992	AQ2A 3032MNGRS	30389
40	AQ2A 3040MNGRU			19993	AQ2A 3040MNGRS	30390
50	AQ2A 3050MNGRU			19994	AQ2A 3050MNGRS	30391
63	AQ2A 3063MNGRU			19995	AQ2A 3063MNGRS	30392
80	AQ2A 3080MNGRU			19996	AQ2A 3080MNGRS	30393
100	AQ2A 3100MNGRU			19997	AQ2A 3100MNGRS	30394
3SM8N-100H	85 kA			16	AQ2A 3016HNGRU	30044
		20	AQ2A 3020HNGRU	30045	AQ2A 3020HNGRS	30441
		25	AQ2A 3025HNGRU	30046	AQ2A 3025HNGRS	30442
		32	AQ2A 3032HNGRU	30047	AQ2A 3032HNGRS	30443
		40	AQ2A 3040HNGRU	30048	AQ2A 3040HNGRS	30444
		50	AQ2A 3050HNGRU	30049	AQ2A 3050HNGRS	30445
		63	AQ2A 3063HNGRU	30050	AQ2A 3063HNGRS	30446
		80	AQ2A 3080HNGRU	30051	AQ2A 3080HNGRS	30447
		100	AQ2A 3100HNGRU	30052	AQ2A 3100HNGRS	30448
		<b>4-pole</b>				
3SM8N-100M	50 kA	16	AQ2A 4016MNGRU	30017	AQ2A 4016MNGRS	30413
		20	AQ2A 4020MNGRU	30018	AQ2A 4020MNGRS	30414
		25	AQ2A 4025MNGRU	30019	AQ2A 4025MNGRS	30415
		32	AQ2A 4032MNGRU	30020	AQ2A 4032MNGRS	30416
		40	AQ2A 4040MNGRU	30021	AQ2A 4040MNGRS	30417
		50	AQ2A 4050MNGRU	30022	AQ2A 4050MNGRS	30418
		63	AQ2A 4063MNGRU	30023	AQ2A 4063MNGRS	30419
		80	AQ2A 4080MNGRU	30024	AQ2A 4080MNGRS	30420
		100	AQ2A 4100MNGRU	30025	AQ2A 4100MNGRS	30421

## Selection and ordering data

### Size A: 3SAQ2-100

Automatic transfer without restoration between normal and generating power supply (NGS)

Circuit-breaker of main circuit	Breaking capacity Icn at 400 V AC	Rated current (A)	Unitary type		Split type	
			Type code	Order code	Type code	Order code
<b>3-pole</b>						
3SM8N-100L	35 kA	16	AQ2A 3016LNGSU	19863	AQ2A 3016LNGSS	30284
		20	AQ2A 3020LNGSU	19864	AQ2A 3020LNGSS	30285
		25	AQ2A 3025LNGSU	19865	AQ2A 3025LNGSS	30286
		32	AQ2A 3032LNGSU	19866	AQ2A 3032LNGSS	30287
		40	AQ2A 3040LNGSU	19867	AQ2A 3040LNGSS	30288
		50	AQ2A 3050LNGSU	19868	AQ2A 3050LNGSS	30289
		63	AQ2A 3063LNGSU	19869	AQ2A 3063LNGSS	30290
		80	AQ2A 3080LNGSU	19870	AQ2A 3080LNGSS	30291
		100	AQ2A 3100LNGSU	19871	AQ2A 3100LNGSS	30292
3SM8N-100M	50 kA	16	AQ2A 3016MNGSU	19872	AQ2A 3016MNGSS	30293
		20	AQ2A 3020MNGSU	19873	AQ2A 3020MNGSS	30294
		25	AQ2A 3025MNGSU	19874	AQ2A 3025MNGSS	30295
		32	AQ2A 3032MNGSU	19875	AQ2A 3032MNGSS	30296
		40	AQ2A 3040MNGSU	19876	AQ2A 3040MNGSS	30297
		50	AQ2A 3050MNGSU	19877	AQ2A 3050MNGSS	30298
		63	AQ2A 3063MNGSU	19878	AQ2A 3063MNGSS	30299
		80	AQ2A 3080MNGSU	19879	AQ2A 3080MNGSS	30300
		100	AQ2A 3100MNGSU	19880	AQ2A 3100MNGSS	30301
3SM8N-100H	85 kA	16	AQ2A 3016HNGSU	19890	AQ2A 3016HNGSS	30311
		20	AQ2A 3020HNGSU	19891	AQ2A 3020HNGSS	30312
		25	AQ2A 3025HNGSU	19892	AQ2A 3025HNGSS	30313
		32	AQ2A 3032HNGSU	19893	AQ2A 3032HNGSS	30314
		40	AQ2A 3040HNGSU	19894	AQ2A 3040HNGSS	30315
		50	AQ2A 3050HNGSU	19895	AQ2A 3050HNGSS	30316
		63	AQ2A 3063HNGSU	19896	AQ2A 3063HNGSS	30317
		80	AQ2A 3080HNGSU	19897	AQ2A 3080HNGSS	30318
		100	AQ2A 3100HNGSU	19898	AQ2A 3100HNGSS	30319
<b>4-pole</b>						
3SM8N-100M	50 kA	16	AQ2A 4016MNGSU	19881	AQ2A 4016MNGSS	30302
		20	AQ2A 4020MNGSU	19882	AQ2A 4020MNGSS	30303
		25	AQ2A 4025MNGSU	19883	AQ2A 4025MNGSS	30304
		32	AQ2A 4032MNGSU	19884	AQ2A 4032MNGSS	30305
		40	AQ2A 4040MNGSU	19885	AQ2A 4040MNGSS	30306
		50	AQ2A 4050MNGSU	19886	AQ2A 4050MNGSS	30307
		63	AQ2A 4063MNGSU	19887	AQ2A 4063MNGSS	30308
		80	AQ2A 4080MNGSU	19888	AQ2A 4080MNGSS	30309
		100	AQ2A 4100MNGSU	19889	AQ2A 4100MNGSS	30310

## Selection and ordering data

### Size B: 3SAQ2-225

Automatic transfer and restoration between normal and standby power supply (NBR)

Circuit-breaker of main circuit	Breaking capacity I <sub>cn</sub> at 400 V AC	Rated current (A)	Unitary type		Split type	
			Type code	Order code	Type code	Order code
3-pole						
3SM8N-225L	35 kA	100	AQ2B 3100LNBRU	30053	AQ2B 3100LNBR	30449
		125	AQ2B 3125LNBRU	30054	AQ2B 3125LNBR	30450
		140	AQ2B 3140LNBRU	30055	AQ2B 3140LNBR	30451
		160	AQ2B 3160LNBRU	30056	AQ2B 3160LNBR	30452
		180	AQ2B 3180LNBRU	30057	AQ2B 3180LNBR	30453
		200	AQ2B 3200LNBRU	30058	AQ2B 3200LNBR	30454
		225	AQ2B 3225LNBRU	30059	AQ2B 3225LNBR	30455
3SM8N-225M	50 kA	100	AQ2B 3100MNBRU	30074	AQ2B 3100MNBR	30470
		125	AQ2B 3125MNBRU	30075	AQ2B 3125MNBR	30471
		140	AQ2B 3140MNBRU	30076	AQ2B 3140MNBR	30472
		160	AQ2B 3160MNBRU	30077	AQ2B 3160MNBR	30473
		180	AQ2B 3180MNBRU	30078	AQ2B 3180MNBR	30474
		200	AQ2B 3200MNBRU	30079	AQ2B 3200MNBR	30475
		225	AQ2B 3225MNBRU	30080	AQ2B 3225MNBR	30476
3SM8N-225H	85 kA	100	AQ2B 3100HNBRU	30116	AQ2B 3100HNBR	30512
		125	AQ2B 3125HNBRU	30117	AQ2B 3125HNBR	30513
		140	AQ2B 3140HNBRU	30118	AQ2B 3140HNBR	30514
		160	AQ2B 3160HNBRU	30119	AQ2B 3160HNBR	30515
		180	AQ2B 3180HNBRU	30120	AQ2B 3180HNBR	30516
		200	AQ2B 3200HNBRU	30121	AQ2B 3200HNBR	30517
		225	AQ2B 3225HNBRU	30122	AQ2B 3225HNBR	30518
4-pole						
3SM8N-225M	50 kA	100	AQ2B 4100MNBRU	30095	AQ2B 4100MNBR	30491
		125	AQ2B 4125MNBRU	30096	AQ2B 4125MNBR	30492
		140	AQ2B 4140MNBRU	30097	AQ2B 4140MNBR	30493
		160	AQ2B 4160MNBRU	30098	AQ2B 4160MNBR	30494
		180	AQ2B 4180MNBRU	30099	AQ2B 4180MNBR	30495
		200	AQ2B 4200MNBRU	30100	AQ2B 4200MNBR	30496
		225	AQ2B 4225MNBRU	30101	AQ2B 4225MNBR	30497

Automatic transfer without restoration between normal and standby power supply (NBS)

Circuit-breaker of main circuit	Breaking capacity I <sub>cn</sub> at 400 V AC	Rated current (A)	Unitary type		Split type	
			Type code	Order code	Type code	Order code
3-pole						
3SM8N-225L	35 kA	100	AQ2B 3100LNBSU	30060	AQ2B 3100LNBS	30456
		125	AQ2B 3125LNBSU	30061	AQ2B 3125LNBS	30457
		140	AQ2B 3140LNBSU	30062	AQ2B 3140LNBS	30458
		160	AQ2B 3160LNBSU	30063	AQ2B 3160LNBS	30459
		180	AQ2B 3180LNBSU	30064	AQ2B 3180LNBS	30460
		200	AQ2B 3200LNBSU	30065	AQ2B 3200LNBS	30461
		225	AQ2B 3225LNBSU	30066	AQ2B 3225LNBS	30462
3SM8N-225M	50 kA	100	AQ2B 3100MNBSU	30081	AQ2B 3100MNBS	30477
		125	AQ2B 3125MNBSU	30082	AQ2B 3125MNBS	30478
		140	AQ2B 3140MNBSU	30083	AQ2B 3140MNBS	30479
		160	AQ2B 3160MNBSU	30084	AQ2B 3160MNBS	30480
		180	AQ2B 3180MNBSU	30085	AQ2B 3180MNBS	30481
		200	AQ2B 3200MNBSU	30086	AQ2B 3200MNBS	30482
		225	AQ2B 3225MNBSU	30087	AQ2B 3225MNBS	30483
3SM8N-225H	85 kA	100	AQ2B 3100HNBSU	30123	AQ2B 3100HNBS	30519
		125	AQ2B 3125HNBSU	30124	AQ2B 3125HNBS	30520
		140	AQ2B 3140HNBSU	30125	AQ2B 3140HNBS	30521
		160	AQ2B 3160HNBSU	30126	AQ2B 3160HNBS	30522
		180	AQ2B 3180HNBSU	30127	AQ2B 3180HNBS	30523
		200	AQ2B 3200HNBSU	30128	AQ2B 3200HNBS	30524
		225	AQ2B 3225HNBSU	30129	AQ2B 3225HNBS	30525
4-pole						
3SM8N-225M	50 kA	100	AQ2B 4100MNBSU	30102	AQ2B 4100MNBS	30498
		125	AQ2B 4125MNBSU	30103	AQ2B 4125MNBS	30499
		140	AQ2B 4140MNBSU	30104	AQ2B 4140MNBS	30500
		160	AQ2B 4160MNBSU	30105	AQ2B 4160MNBS	30501
		180	AQ2B 4180MNBSU	30106	AQ2B 4180MNBS	30502
		200	AQ2B 4200MNBSU	30107	AQ2B 4200MNBS	30503
		225	AQ2B 4225MNBSU	30108	AQ2B 4225MNBS	30504

## Selection and ordering data

Size B: 3SAQ2-225

Automatic transfer and restoration between normal and generating power supply (NGR)

Circuit-breaker of main circuit	Breaking capacity I <sub>cn</sub> at 400 V AC	Rated current (A)	Unitary type		Split type	
			Type code	Order code	Type code	Order code
3-pole						
3SM8N-225L	35 kA	100	AQ2B 3100LNGRU	30067	AQ2B 3100LNGRS	30463
		125	AQ2B 3125LNGRU	30068	AQ2B 3125LNGRS	30464
		140	AQ2B 3140LNGRU	30069	AQ2B 3140LNGRS	30465
		160	AQ2B 3160LNGRU	30070	AQ2B 3160LNGRS	30466
		180	AQ2B 3180LNGRU	30071	AQ2B 3180LNGRS	30467
		200	AQ2B 3200LNGRU	30072	AQ2B 3200LNGRS	30468
		225	AQ2B 3225LNGRU	30073	AQ2B 3225LNGRS	30469
3SM8N-225M	50 kA	100	AQ2B 3100MNGRU	30088	AQ2B 3100MNGRS	30484
		125	AQ2B 3125MNGRU	30089	AQ2B 3125MNGRS	30485
		140	AQ2B 3140MNGRU	30090	AQ2B 3140MNGRS	30486
		160	AQ2B 3160MNGRU	30091	AQ2B 3160MNGRS	30487
		180	AQ2B 3180MNGRU	30092	AQ2B 3180MNGRS	30488
		200	AQ2B 3200MNGRU	30093	AQ2B 3200MNGRS	30489
		225	AQ2B 3225MNGRU	30094	AQ2B 3225MNGRS	30490
3SM8N-225H	85 kA	100	AQ2B 3100HNGRU	30130	AQ2B 3100HNGRS	30526
		125	AQ2B 3125HNGRU	30131	AQ2B 3125HNGRS	30527
		140	AQ2B 3140HNGRU	30132	AQ2B 3140HNGRS	30528
		160	AQ2B 3160HNGRU	30133	AQ2B 3160HNGRS	30529
		180	AQ2B 3180HNGRU	30134	AQ2B 3180HNGRS	30530
		200	AQ2B 3200HNGRU	30135	AQ2B 3200HNGRS	30531
		225	AQ2B 3225HNGRU	30136	AQ2B 3225HNGRS	30532
4-pole						
3SM8N-225M	50 kA	100	AQ2B 4100MNGRU	30109	AQ2B 4100MNGRS	30505
		125	AQ2B 4125MNGRU	30110	AQ2B 4125MNGRS	30506
		140	AQ2B 4140MNGRU	30111	AQ2B 4140MNGRS	30507
		160	AQ2B 4160MNGRU	30112	AQ2B 4160MNGRS	30508
		180	AQ2B 4180MNGRU	30113	AQ2B 4180MNGRS	30509
		200	AQ2B 4200MNGRU	30114	AQ2B 4200MNGRS	30510
		225	AQ2B 4225MNGRU	30115	AQ2B 4225MNGRS	30511

Automatic transfer without restoration between normal and generating power supply (NGS)

Circuit-breaker of main circuit	Breaking capacity I <sub>cn</sub> at 400 V AC	Rated current (A)	Unitary type		Split type	
			Type code	Order code	Type code	Order code
3-pole						
3SM8N-225L	35 kA	100	AQ2B 3100LNGSU	19899	AQ2B 3100LNGSS	30320
		125	AQ2B 3125LNGSU	19900	AQ2B 3125LNGSS	30321
		140	AQ2B 3140LNGSU	19901	AQ2B 3140LNGSS	30322
		160	AQ2B 3160LNGSU	19902	AQ2B 3160LNGSS	30323
		180	AQ2B 3180LNGSU	19903	AQ2B 3180LNGSS	30324
		200	AQ2B 3200LNGSU	19904	AQ2B 3200LNGSS	30325
		225	AQ2B 3225LNGSU	19905	AQ2B 3225LNGSS	30326
3SM8N-225M	50 kA	100	AQ2B 3100MNGSU	19906	AQ2B 3100MNGSS	30327
		125	AQ2B 3125MNGSU	19907	AQ2B 3125MNGSS	30328
		140	AQ2B 3140MNGSU	19908	AQ2B 3140MNGSS	30329
		160	AQ2B 3160MNGSU	19909	AQ2B 3160MNGSS	30330
		180	AQ2B 3180MNGSU	19910	AQ2B 3180MNGSS	30331
		200	AQ2B 3200MNGSU	19911	AQ2B 3200MNGSS	30332
		225	AQ2B 3225MNGSU	19912	AQ2B 3225MNGSS	30333
3SM8N-225H	85 kA	100	AQ2B 3100HNGSU	19920	AQ2B 3100HNGSS	14011
		125	AQ2B 3125HNGSU	19921	AQ2B 3125HNGSS	14012
		140	AQ2B 3140HNGSU	19922	AQ2B 3140HNGSS	14013
		160	AQ2B 3160HNGSU	19923	AQ2B 3160HNGSS	14014
		180	AQ2B 3180HNGSU	19924	AQ2B 3180HNGSS	14015
		200	AQ2B 3200HNGSU	19925	AQ2B 3200HNGSS	14016
		225	AQ2B 3225HNGSU	19926	AQ2B 3225HNGSS	14017
4-pole						
3SM8N-225M	50 kA	100	AQ2B 4100MNGSU	19913	AQ2B 4100MNGSS	30334
		125	AQ2B 4125MNGSU	19914	AQ2B 4125MNGSS	30335
		140	AQ2B 4140MNGSU	19915	AQ2B 4140MNGSS	30336
		160	AQ2B 4160MNGSU	19916	AQ2B 4160MNGSS	30337
		180	AQ2B 4180MNGSU	19917	AQ2B 4180MNGSS	30338
		200	AQ2B 4200MNGSU	19918	AQ2B 4200MNGSS	30339
		225	AQ2B 4225MNGSU	19919	AQ2B 4225MNGSS	30340

## Selection and ordering data

Size C: 3SAQ2-400

Automatic transfer and restoration between normal and standby power supply (NBR)

Circuit-breaker of main circuit	Breaking capacity I <sub>cn</sub> at 400 V AC	Rated current (A)	Unitary type		Split type	
			Type code	Order code	Type code	Order code
3-pole						
3SM8N-400L	50 kA	225	AQ2C 3225LNBRU	30137	AQ2C 3225LNBR5	30533
		250	AQ2C 3250LNBRU	30138	AQ2C 3250LNBR5	30534
		315	AQ2C 3315LNBRU	30139	AQ2C 3315LNBR5	30535
		350	AQ2C 3350LNBRU	30140	AQ2C 3350LNBR5	30536
		400	AQ2C 3400LNBRU	30141	AQ2C 3400LNBR5	30537
3SM8N-400M	65 kA	225	AQ2C 3225MNBRU	30152	AQ2C 3225MNBR5	30548
		250	AQ2C 3250MNBRU	30153	AQ2C 3250MNBR5	30549
		315	AQ2C 3315MNBRU	30154	AQ2C 3315MNBR5	30550
		350	AQ2C 3350MNBRU	30155	AQ2C 3350MNBR5	30551
		400	AQ2C 3400MNBRU	30156	AQ2C 3400MNBR5	30552
3SM8N-400H	100 kA	225	AQ2C 3225HNBRU	30182	AQ2C 3225HNBR5	30578
		250	AQ2C 3250HNBRU	30183	AQ2C 3250HNBR5	30579
		315	AQ2C 3315HNBRU	30184	AQ2C 3315HNBR5	30580
		350	AQ2C 3350HNBRU	30185	AQ2C 3350HNBR5	30581
		400	AQ2C 3400HNBRU	30186	AQ2C 3400HNBR5	30582
4-pole						
3SM8N-400M	65 kA	225	AQ2C 4225MNBRU	30167	AQ2C 4225MNBR5	30563
		250	AQ2C 4250MNBRU	30168	AQ2C 4250MNBR5	30564
		315	AQ2C 4315MNBRU	30169	AQ2C 4315MNBR5	30565
		350	AQ2C 4350MNBRU	30170	AQ2C 4350MNBR5	30566
		400	AQ2C 4400MNBRU	30171	AQ2C 4400MNBR5	30567

Automatic transfer without restoration between normal and standby power supply (NBS)

Circuit-breaker of main circuit	Breaking capacity I <sub>cn</sub> at 400 V AC	Rated current (A)	Unitary type		Split type	
			Type code	Order code	Type code	Order code
3-pole						
3SM8N-400L	50 kA	225	AQ2C 3225LNBSU	30142	AQ2C 3225LNBS5	30538
		250	AQ2C 3250LNBSU	30143	AQ2C 3250LNBS5	30539
		315	AQ2C 3315LNBSU	30144	AQ2C 3315LNBS5	30540
		350	AQ2C 3350LNBSU	30145	AQ2C 3350LNBS5	30541
		400	AQ2C 3400LNBSU	30146	AQ2C 3400LNBS5	30542
3SM8N-400M	65 kA	225	AQ2C 3225MNBSU	30157	AQ2C 3225MNBS5	30553
		250	AQ2C 3250MNBSU	30158	AQ2C 3250MNBS5	30554
		315	AQ2C 3315MNBSU	30159	AQ2C 3315MNBS5	30555
		350	AQ2C 3350MNBSU	30160	AQ2C 3350MNBS5	30556
		400	AQ2C 3400MNBSU	30161	AQ2C 3400MNBS5	30557
3SM8N-400H	100 kA	225	AQ2C 3225HNBSU	30187	AQ2C 3225HNBS5	30583
		250	AQ2C 3250HNBSU	30188	AQ2C 3250HNBS5	30584
		315	AQ2C 3315HNBSU	30189	AQ2C 3315HNBS5	30585
		350	AQ2C 3350HNBSU	30190	AQ2C 3350HNBS5	30586
		400	AQ2C 3400HNBSU	30191	AQ2C 3400HNBS5	30587
4-pole						
3SM8N-400M	65 kA	225	AQ2C 4225MNBSU	30172	AQ2C 4225MNBS5	30568
		250	AQ2C 4250MNBSU	30173	AQ2C 4250MNBS5	30569
		315	AQ2C 4315MNBSU	30174	AQ2C 4315MNBS5	30570
		350	AQ2C 4350MNBSU	30175	AQ2C 4350MNBS5	30571
		400	AQ2C 4400MNBSU	30176	AQ2C 4400MNBS5	30572

## Selection and ordering data

**Size C: 3SAQ2-400**

Automatic transfer and restoration between normal and generating power supply (NGR)

Circuit-breaker of main circuit	Breaking capacity I <sub>cn</sub> at 400 V AC	Rated current (A)	Unitary type		Split type	
			Type code	Order code	Type code	Order code
3-pole						
3SM8N-400L	50 kA	225	AQ2C 3225LNGRU	30147	AQ2C 3225LNGRS	30543
		250	AQ2C 3250LNGRU	30148	AQ2C 3250LNGRS	30544
		315	AQ2C 3315LNGRU	30149	AQ2C 3315LNGRS	30545
		350	AQ2C 3350LNGRU	30150	AQ2C 3350LNGRS	30546
		400	AQ2C 3400LNGRU	30151	AQ2C 3400LNGRS	30547
3SM8N-400M	65 kA	225	AQ2C 3225MNGRU	30162	AQ2C 3225MNGRS	30558
		250	AQ2C 3250MNGRU	30163	AQ2C 3250MNGRS	30559
		315	AQ2C 3315MNGRU	30164	AQ2C 3315MNGRS	30560
		350	AQ2C 3350MNGRU	30165	AQ2C 3350MNGRS	30561
		400	AQ2C 3400MNGRU	30166	AQ2C 3400MNGRS	30562
3SM8N-400H	100 kA	225	AQ2C 3225HNGRU	30192	AQ2C 3225HNGRS	30588
		250	AQ2C 3250HNGRU	30193	AQ2C 3250HNGRS	30589
		315	AQ2C 3315HNGRU	30194	AQ2C 3315HNGRS	30590
		350	AQ2C 3350HNGRU	30195	AQ2C 3350HNGRS	30591
		400	AQ2C 3400HNGRU	30196	AQ2C 3400HNGRS	30592
4-pole						
3SM8N-400M	65 kA	225	AQ2C 4225MNGRU	30177	AQ2C 4225MNGRS	30573
		250	AQ2C 4250MNGRU	30178	AQ2C 4250MNGRS	30574
		315	AQ2C 4315MNGRU	30179	AQ2C 4315MNGRS	30575
		350	AQ2C 4350MNGRU	30180	AQ2C 4350MNGRS	30576
		400	AQ2C 4400MNGRU	30181	AQ2C 4400MNGRS	30577

#### Automatic transfer without restoration between normal and generating power supply (NGS)

Circuit-breaker of main circuit	Breaking capacity I <sub>cn</sub> at 400 V AC	Rated current (A)	Unitary type		Split type	
			Type code	Order code	Type code	Order code
3-pole						
3SM8N-400L	50 kA	225	AQ2C 3225LNGSU	19927	AQ2C 3225LNGSS	14018
		250	AQ2C 3250LNGSU	19928	AQ2C 3250LNGSS	14019
		315	AQ2C 3315LNGSU	19929	AQ2C 3315LNGSS	14020
		350	AQ2C 3350LNGSU	19930	AQ2C 3350LNGSS	14021
		400	AQ2C 3400LNGSU	19931	AQ2C 3400LNGSS	14022
3SM8N-400M	65 kA	225	AQ2C 3225MNGSU	19932	AQ2C 3225MNGSS	14023
		250	AQ2C 3250MNGSU	19933	AQ2C 3250MNGSS	14024
		315	AQ2C 3315MNGSU	19934	AQ2C 3315MNGSS	14025
		350	AQ2C 3350MNGSU	19935	AQ2C 3350MNGSS	14026
		400	AQ2C 3400MNGSU	19936	AQ2C 3400MNGSS	14027
3SM8N-400H	100 kA	225	AQ2C 3225HNGSU	19942	AQ2C 3225HNGSS	14033
		250	AQ2C 3250HNGSU	19943	AQ2C 3250HNGSS	14034
		315	AQ2C 3315HNGSU	30260	AQ2C 3315HNGSS	14035
		350	AQ2C 3350HNGSU	30261	AQ2C 3350HNGSS	14036
		400	AQ2C 3400HNGSU	30262	AQ2C 3400HNGSS	14037
4-pole						
3SM8N-400M	65 kA	225	AQ2C 4225MNGSU	19937	AQ2C 4225MNGSS	14028
		250	AQ2C 4250MNGSU	19938	AQ2C 4250MNGSS	14029
		315	AQ2C 4315MNGSU	19939	AQ2C 4315MNGSS	14030
		350	AQ2C 4350MNGSU	19940	AQ2C 4350MNGSS	14031
		400	AQ2C 4400MNGSU	19941	AQ2C 4400MNGSS	14032

## Selection and ordering data

### Size D: 3SAQ2-630

#### Automatic transfer and restoration between normal and standby power supply (NBR)

Circuit-breaker of main circuit	Breaking capacity I <sub>cn</sub> at 400 V AC	Rated current (A)	Unitary type		Split type	
			Type code	Order code	Type code	Order code
3-pole						
3SM8N-630L	50 kA	400	AQ2D 3400LNBRU	30197	AQ2D 3400LNBRS	30593
		500	AQ2D 3500LNBRU	30198	AQ2D 3500LNBRS	30594
		630	AQ2D 3630LNBRU	30199	AQ2D 3630LNBRS	30595
3SM8N-630M	65 kA	400	AQ2D 3400MNBRU	30206	AQ2D 3400MNBRS	30602
		500	AQ2D 3500MNBRU	30207	AQ2D 3500MNBRS	30603
		630	AQ2D 3630MNBRU	30208	AQ2D 3630MNBRS	30604
3SM8N-630H	100 kA	400	AQ2D 3400HNBRU	30224	AQ2D 3400HNBRS	30620
		500	AQ2D 3500HNBRU	30225	AQ2D 3500HNBRS	30621
		630	AQ2D 3630HNBRU	30226	AQ2D 3630HNBRS	30622
4-pole						
3SM8N-630M	65 kA	400	AQ2D 4400MNBRU	30215	AQ2D 4400MNBRS	30611
		500	AQ2D 4500MNBRU	30216	AQ2D 4500MNBRS	30612
		630	AQ2D 4630MNBRU	30217	AQ2D 4630MNBRS	30613

## Automatic transfer without restoration between normal and standby power supply (NBS)

Circuit-breaker of main circuit	Breaking capacity I <sub>cn</sub> at 400 V AC	Rated current (A)	Unitary type		Split type	
			Type code	Order code	Type code	Order code
3-pole						
3SM8N-630L	50 kA	400	AQ2D 3400LNBSU	30200	AQ2D 3400LNBS	30596
		500	AQ2D 3500LNBSU	30201	AQ2D 3500LNBS	30597
		630	AQ2D 3630LNBSU	30202	AQ2D 3630LNBS	30598
3SM8N-630M	65 kA	400	AQ2D 3400MNBSU	30209	AQ2D 3400MNBS	30605
		500	AQ2D 3500MNBSU	30210	AQ2D 3500MNBS	30606
		630	AQ2D 3630MNBSU	30211	AQ2D 3630MNBS	30607
3SM8N-630H	100 kA	400	AQ2D 3400HNBSU	30227	AQ2D 3400HNBS	30623
		500	AQ2D 3500HNBSU	30228	AQ2D 3500HNBS	30624
		630	AQ2D 3630HNBSU	30229	AQ2D 3630HNBS	30625
4-pole						
3SM8N-630M	65 kA	400	AQ2D 4400MNBSU	30218	AQ2D 4400MNBS	30614
		500	AQ2D 4500MNBSU	30219	AQ2D 4500MNBS	30615
		630	AQ2D 4630MNBSU	30220	AQ2D 4630MNBS	30616

## Selection and ordering data

## Size D: 3SAQ2-630

Automatic transfer without restoration between normal and generating power supply (NGS)

Circuit-breaker of main circuit	Breaking capacity I <sub>cn</sub> at 400 V AC	Rated current (A)	Unitary type		Split type	
			Type code	Order code	Type code	Order code
3-pole						
3SM8N-630L	50 kA	400	AQ2D 3400LNGRU	30203	AQ2D 3400LNGRS	30599
		500	AQ2D 3500LNGRU	30204	AQ2D 3500LNGRS	30600
		630	AQ2D 3630LNGRU	30205	AQ2D 3630LNGRS	30601
3SM8N-630M	65 kA	400	AQ2D 3400MNGRU	30212	AQ2D 3400MNGRS	30608
		500	AQ2D 3500MNGRU	30213	AQ2D 3500MNGRS	30609
		630	AQ2D 3630MNGRU	30214	AQ2D 3630MNGRS	30610
3SM8N-630H	100 kA	400	AQ2D 3400HNGRU	30230	AQ2D 3400HNGRS	30626
		500	AQ2D 3500HNGRU	30231	AQ2D 3500HNGRS	30627
		630	AQ2D 3630HNGRU	30232	AQ2D 3630HNGRS	30628
4-pole						
3SM8N-630M	65 kA	400	AQ2D 4400MNGRU	30221	AQ2D 4400MNGRS	30617
		500	AQ2D 4500MNGRU	30222	AQ2D 4500MNGRS	30618
		630	AQ2D 4630MNGRU	30223	AQ2D 4630MNGRS	30619

Automatic transfer without restoration between normal and generating power supply (NGS)

Circuit-breaker of main circuit	Breaking capacity I <sub>cn</sub> at 400 V AC	Rated current (A)	Unitary type		Split type	
			Type code	Order code	Type code	Order code
3-pole						
3SM8N-630L	50 kA	400	AQ2D 3400LNGSU	30263	AQ2D 3400LNGSS	14038
		500	AQ2D 3500LNGSU	30264	AQ2D 3500LNGSS	14039
		630	AQ2D 3630LNGSU	30265	AQ2D 3630LNGSS	14040
3SM8N-630M	65 kA	400	AQ2D 3400MNGSU	30266	AQ2D 3400MNGSS	14041
		500	AQ2D 3500MNGSU	30267	AQ2D 3500MNGSS	14042
		630	AQ2D 3630MNGSU	30268	AQ2D 3630MNGSS	14043
3SM8N-630H	100 kA	400	AQ2D 3400HNGSU	30272	AQ2D 3400HNGSS	14047
		500	AQ2D 3500HNGSU	30273	AQ2D 3500HNGSS	14048
		630	AQ2D 3630HNGSU	30274	AQ2D 3630HNGSS	14049
4-pole						
3SM8N-630M	65 kA	400	AQ2D 4400MNGSU	30269	AQ2D 4400MNGSS	14044
		500	AQ2D 4500MNGSU	30270	AQ2D 4500MNGSS	14045
		630	AQ2D 4630MNGSU	30271	AQ2D 4630MNGSS	14046

## Selection and ordering data

## Size E: 3SAQ2-800

Automatic transfer and restoration between normal and standby power supply (NBR)



Circuit-breaker of main circuit	Breaking capacity I <sub>cn</sub> at 400 V AC	Rated current (A)	Unitary type		Split type	
			Type code	Order code	Type code	Order code
<b>3-pole</b>						
3SM8N-800M	75 kA	630	AQ2E 3630MNBRU	30233	AQ2E 3630MNBRU	30629
		700	AQ2E 3700MNBRU	30234	AQ2E 3700MNBRU	30630
		800	AQ2E 3800MNBRU	30235	AQ2E 3800MNBRU	30631
3SM8N-800H	100 kA	630	AQ2E 3630HNBRU	30251	AQ2E 3630HNBRU	30647
		700	AQ2E 3700HNBRU	30252	AQ2E 3700HNBRU	30648
		800	AQ2E 3800HNBRU	30253	AQ2E 3800HNBRU	30649
<b>4-pole</b>						
3SM8N-800M	75 kA	630	AQ2E 4630MNBRU	30242	AQ2E 4630MNBRU	30638
		700	AQ2E 4700MNBRU	30243	AQ2E 4700MNBRU	30639
		800	AQ2E 4800MNBRU	30244	AQ2E 4800MNBRU	30640

Automatic transfer without restoration between normal and standby power supply (NBS)

Circuit-breaker of main circuit	Breaking capacity I <sub>cn</sub> at 400 V AC	Rated current (A)	Unitary type		Split type	
			Type code	Order code	Type code	Order code
<b>3-pole</b>						
3SM8N-800M	75 kA	630	AQ2E 3630MNBSU	30236	AQ2E 3630MNBSU	30632
		700	AQ2E 3700MNBSU	30237	AQ2E 3700MNBSU	30633
		800	AQ2E 3800MNBSU	30238	AQ2E 3800MNBSU	30634
3SM8N-800H	100 kA	630	AQ2E 3630HNBSU	30254	AQ2E 3630HNBSU	30650
		700	AQ2E 3700HNBSU	30255	AQ2E 3700HNBSU	30651
		800	AQ2E 3800HNBSU	30256	AQ2E 3800HNBSU	30652
<b>4-pole</b>						
3SM8N-800M	75 kA	630	AQ2E 4630MNBSU	30245	AQ2E 4630MNBSU	30641
		700	AQ2E 4700MNBSU	30246	AQ2E 4700MNBSU	30642
		800	AQ2E 4800MNBSU	30247	AQ2E 4800MNBSU	30643

Automatic transfer and restoration between normal and generating power supply (NGR)

Circuit-breaker of main circuit	Breaking capacity I <sub>cn</sub> at 400 V AC	Rated current (A)	Unitary type		Split type	
			Type code	Order code	Type code	Order code
<b>3-pole</b>						
3SM8N-800M	75 kA	630	AQ2E 3630MNGRU	30239	AQ2E 3630MNGRU	30635
		700	AQ2E 3700MNGRU	30240	AQ2E 3700MNGRU	30636
		800	AQ2E 3800MNGRU	30241	AQ2E 3800MNGRU	30637
3SM8N-800H	100 kA	630	AQ2E 3630HNGRU	30257	AQ2E 3630HNGRU	30653
		700	AQ2E 3700HNGRU	30258	AQ2E 3700HNGRU	30654
		800	AQ2E 3800HNGRU	30259	AQ2E 3800HNGRU	14970
<b>4-pole</b>						
3SM8N-800M	75 kA	630	AQ2E 4630MNGRU	30248	AQ2E 4630MNGRU	30644
		700	AQ2E 4700MNGRU	30249	AQ2E 4700MNGRU	30645
		800	AQ2E 4800MNGRU	30250	AQ2E 4800MNGRU	30646

Automatic transfer without restoration between normal and generating power supply (NGS)

Circuit-breaker of main circuit	Breaking capacity I <sub>cn</sub> at 400 V AC	Rated current (A)	Unitary type		Split type	
			Type code	Order code	Type code	Order code
<b>3-pole</b>						
3SM8N-800M	75 kA	630	AQ2E 3630MNGSU	30275	AQ2E 3630MNGSU	14050
		700	AQ2E 3700MNGSU	30276	AQ2E 3700MNGSU	14051
		800	AQ2E 3800MNGSU	30277	AQ2E 3800MNGSU	14052
3SM8N-800H	100 kA	630	AQ2E 3630HNGSU	30281	AQ2E 3630HNGSU	14056
		700	AQ2E 3700HNGSU	30282	AQ2E 3700HNGSU	14057
		800	AQ2E 3800HNGSU	30283	AQ2E 3800HNGSU	14058
<b>4-pole</b>						
3SM8N-800M	75 kA	630	AQ2E 4630MNGSU	30278	AQ2E 4630MNGSU	14053
		700	AQ2E 4700MNGSU	30279	AQ2E 4700MNGSU	14054
		800	AQ2E 4800MNGSU	30280	AQ2E 4800MNGSU	14055

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