

SIEMENS

**ALPHA BSII 125A & 250A
MCB Distribution Boards**

Safe and Intelligent **power** **distribution**

ALPHA BSII. Totally Integrated Power
Distribution.

Features

- Designed and manufactured in the UK
- Type tested and certified in the UK in our ASTA approved laboratories
- Fully supported by our UK based technical services team
- Modular construction
- 1mm sheet steel enclosure painted in RAL 7035 light grey
- Degree of protection: IP3X
- 10kA for 0.1 second short circuit rating
- Utilises 5SL & 5SY MCB, 5SU RCBO, and 5SV AFDD technologies



**Sivacon S4
Switchboard.
800A to 3200A.**



**ALPHA BSII
Distribution
Boards from
125A to 250A**

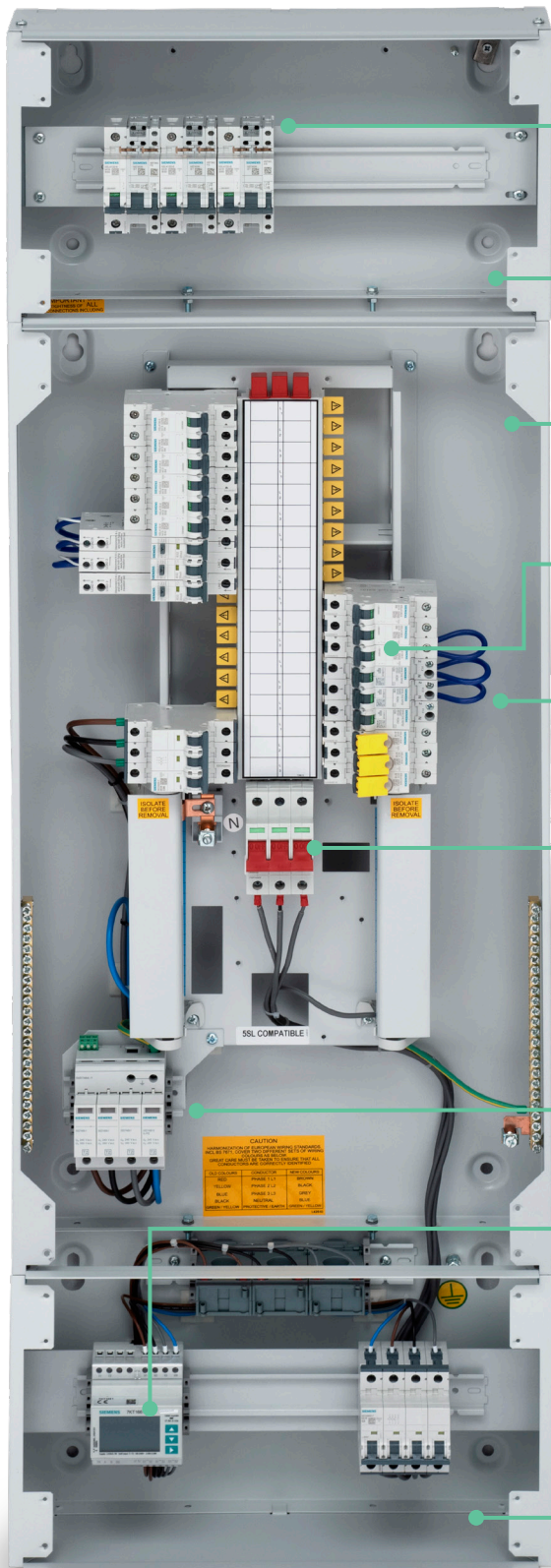
**Sivacon S8
Switchboard.
800A to 6300A.**

**Alpha BSIII
Panel Boards
250A to 800A**



Specification Highlights

125A



Extension enclosures
for DIN devices

Modular construction

Accepts MCBs up to
80A–250A DBs only

Accommodates 1 module
wide AFDDs (6kA)
125A Boards only

RCBOs with extra-long
neutral lead

Fully type tested to
IEC/BS EN 61439-3

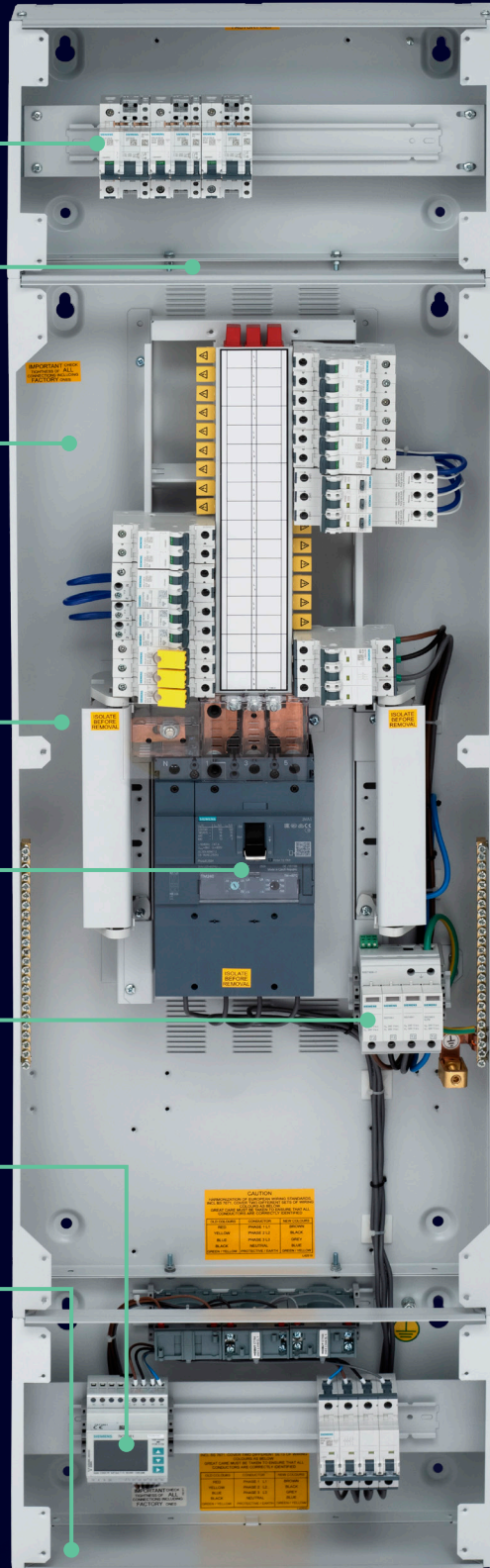
Integral Type 2 surge
protection kits

Integral & Add-on meter
options. Standard or MID

Removable gland plates
for top and bottom cable
entry exit

Specification Highlights

250A



Suitable Applications

- Offices
- Tall Buildings
- Hotels
- Campuses
- Entertainment and Leisure
- Healthcare
- Mixed-use developments

SP&N Distribution Boards

100A



8GP1202-1DA24

100A MCB Distribution Boards

Description	H (mm)	W (mm)	D (mm)	List No
5 Way	235	188	133	8GP1201-1DA24
8 Way	235	242	133	8GP1202-1DA24
11 Way	235	293	133	8GP1203-1DA24
14 Way	235	343	133	8GP1204-1DA24
16 Way	235	437	133	8GP1205-1DA24
19 Way	235	437	133	8GP1206-1DA24

Features

- 100A rated with main switch fitted
- For use with 5SL or 5SY MCBs
- Compatible with MCBs, RCBOs & AFDDs
- Type tested to IEC BS EN 61439-3
- IP3X
- Sturdy steel enclosure, light grey RAL 7035

TP&N Distribution Boards

125A



8GP1212-2DA54

125A MCB Distribution Boards

Description	H (mm)	W (mm)	D (mm)	List No
4 Way	490	430	155	8GP1204-2DA54
6 Way	570	430	155	8GP1206-2DA54
8 Way	650	430	155	8GP1208-2DA54
12 Way	815	430	155	8GP1212-2DA54
16 Way	895	430	155	8GP1216-2DA54
20 Way	1000	430	155	8GP1220-2DA54
24 Way	1140	430	155	8GP1224-2DA54

Features

- 125A rated for use with 5SL or 5SY MCB
- Type tested & ASTA certified to IEC 61439-3
- IP3X (door closed)
- 230/415V AC 50/60Hz
- Integral meter kit options available
- Integral surge kit options available
- 1mm steel enclosure finished in RAL 7035 light grey



5TE1302-0DA

125A Incomer Options

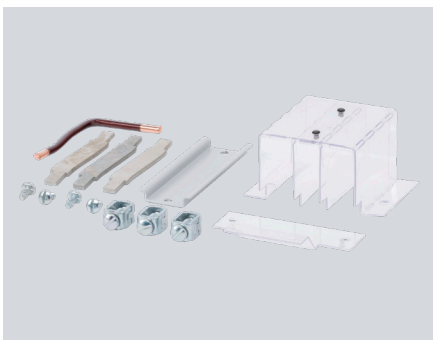
Description	List No
125A 4P Switch Disconnecter **	5TE1402-0DA
125A 3P Switch Disconnecter	5TE1302-0DA
125A 2P Switch Disconnecter *	5TE1202-0DA
125A Direct Connection Kit	8GP1854-0DA10

Features

- RCCB option is Instantaneous Trip
- Switch Disconnecter accepts up to 50mm²
- Direct Connection Kit accepts up to 50mm²

* Requires single pole connection kit: 8GP1853-0DA20

** Requires four pole connection kit: 8GP1886-0DA10



8GP1886-0DA10

125A Incomer Options – Connection Kits

Description	List No
TP&N --> SP&N kit	8GP1853-0DA20
TP&N --> 4P kit (For RCCB)	8GP1886-0DA10
Oversize Incoming Cable Kit – 120mm ²	8GP1856-0DA10

Vertical Lighting & Power Distribution Boards

125A – STD & MID



8GP1635-2DA44

Standard Meter Option

Description	H (mm)	W (mm)	D (mm)	List No
10 way (6w & 4w)	1303	430	155	8GP1508-2DA44
16 way (12w & 4w)	1463	430	155	8GP1524-2DA44
14 way (8w & 6w)	1543	430	155	8GP1517-2DA44
18 way (12w & 6w)	1548	430	155	8GP1525-2DA44
22 way (16w & 6w)	1628	430	155	8GP1533-2DA44
16 way (8w & 8w)	1708	430	155	8GP1518-2DA44
20 way (12w & 8w)	1823	430	155	8GP1526-2DA44
24 way (16w & 8w)	1708	430	155	8GP1534-2DA44
24 way (12w & 12w)	1788	430	155	8GP1527-2DA44
28 way (16w & 12w)	1953	430	155	8GP1535-2DA44

Features

- Pre-assembled solution complete with 2 x STD Integral Meter kits
- Contains 2 x PAC1600 energy meter
- Isolation of individual sections or total board
- Fully rated 125A top Distribution Board
- Part L2 compliant
- Meter output in Pulsed Output & Modbus RTU
- Measured values include: kWh, kvarh, V, A, kW, kvar, PF, Hz
- Accepts 8GP1904-0DA50 Integral Type 2 SPD kit
- Other configurations available upon request

MID Meter option

Description	H (mm)	W (mm)	D (mm)	List No
14 way (8w & 6w)	1463	430	155	8GP1617-2DA44
20 way (12w & 8w)	1708	430	155	8GP1626-2DA44
28 way (16w & 12w)	1953	430	155	8GP1635-2DA44

Features

- Pre-assembled solution complete with 2 x MID Integral Meter kits
- Contains 2 x PAC1600 energy meter
- Isolation of individual sections or total board
- Fully rated 125A top Distribution Board
- Part L2 compliant
- Meter output in Pulsed Output & Modbus RTU
- Measured values include: kWh, kvarh, V, A, kW, kvar, PF, Hz.
- Accepts 8GP1904-0DA50 Integral Type 2 SPD kit

TP&N Distribution Boards

250A



8GP1212-4DA54

250A MCB Distribution Boards

Description	H (mm)	W (mm)	D (mm)	List No
4 Way	769	430	155	8GP1204-4DA54
6 Way	823	430	155	8GP1206-4DA54
8 Way	877	430	155	8GP1208-4DA54
12 Way	985	430	155	8GP1212-4DA54
16 Way	1093	430	155	8GP1216-4DA54
20 Way	1201	430	155	8GP1220-4DA54
24 Way	1309	430	155	8GP1224-4DA54

Features

- 250A rated for use with 5SL or 5SY MCB
- Type tested & ASTA certified to IEC 61439-3
- IP3X (door closed)
- 230/415V AC 50/60Hz
- Integral meter kit options available
- Integral surge kit options available
- 1mm steel enclosure finished in RAL 7035
- Compatible with 80A MCB



8GP1601-4DA50

250A Incomer Options

Description	List No
250A 3P Switch Disconnect	8GP1600-4DA40
250A 4P Switch Disconnect	8GP1600-4DA50
250A 3P MCCB	8GP1601-4DA40
250A 4P MCCB	8GP1601-4DA50
250A Direct Connection Kit	8GP1867-0DA10

Features

- MCCB complete with Box Terminals
- MCCB is 3VA – TM240 – ATAM
- MCCB is adjustable 70% to 100% of I_n for Thermal Overload
- MCCB is adjustable 5x to 10x I_n for Magnetic Short-Circuit
- MCCB accepts 6mm² to 120mm²*
- Switch Disconnect complete with Box Terminals
- Switch Disconnect accepts 6mm² to 120mm²*
- Direct Connection Kit accepts 6mm² to 120mm²



3VA9214-0JC22

250A Incomer Accessories

Box Terminals	Conductor Capacity	List No
3 single terminals	6 ... 120mm ²	3VA9253-0JA11
	50 ... 185mm ²	3VA9253-0JA12
4 single terminals	6... 120mm ²	3VA9254-0JA11
	50 ... 185mm ²	3VA9254-0JA12
Nut keeper kits	Max. Busbar Capacity	List No
3 single terminals	25 x 8mm	3VA9213-0QA00
4 single terminals	25 x 8mm	3VA9214-0QA00
Circular conductor terminals	Conductor Capacity	List No
3P – One conductors*	50 ... 240mm ²	3VA9213-0JC13
3P – Two conductors*	25 ... 150mm ²	3VA9213-0JC22
4P – One conductors*	50 ... 240mm ²	3VA9214-0JC13
4P – Two conductors*	25 ... 150mm ²	3VA9214-0JC22

*Supplied with extended terminal shroud

Integral Surge Protection Kits

125A & 250A



8GP1904-0DA50

125 & 250A Integral Surge Protection Kits

Description

List No

125A Integral SPD kit with 10kA MCB

8GP1904-0DA50

125A Integral SPD kit with 15kA MCB

8GP1904-0DA51

250A Integral SPD kit with 10kA MCB

8GP1904-0DA52

250A Integral SPD kit with 15kA MCB

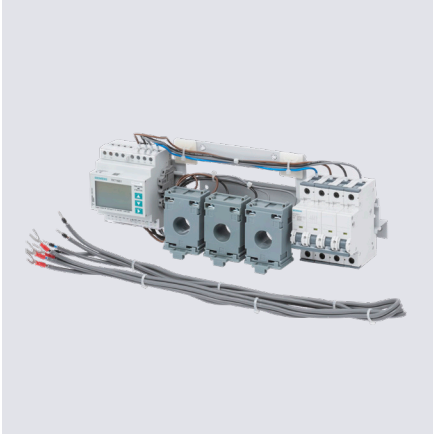
8GP1904-0DA53

Features

- Complete with mounting bracket, cable looms & protective MCB
- 5SD7 Type 2 Surge Arrestor
- Suitable for TNS earthing systems
- Remote signalling contact included
- Cannot be used in conjunction with integral meter kit. For use with add-on meter option only
- Can be installed within Lighting & Power Boards

Integral Meter Kits

125A & 250A



8GP1921-2DA80

125A & 250A Integral Meter Kits

Description

List No

125A Integral Meter Pack – Std

8GP1921-2DA80

125A Integral Meter Pack – MID

8GP1991-2DA80

250A Integral Meter Pack – Std

8GP1933-0DA11

250A Integral Meter Pack – MID

8GP1933-0DA13

Features

- Contains PAC1600 energy meter
- Includes all cable looms, mounting bracket, protective MCB & CTs
- Meter output in Pulsed Output & Modbus RTU
- Measured values include: kWh, kvarh, V, A, kW, kvar, PF, Hz.

Add-on Meter Kits

125A & 250A



8GP1990-4DA10

125A & 250A Add-on Meter Kits

Description	H (mm)	W (mm)	D (mm)	List No
125A Add-on Meter Pack – Std	245	430	155	8GP1990-2DA10
125A Add-on Meter Pack – MID	245	430	155	8GP1991-2DA10
250A Add-on Meter Pack – Std	245	430	155	8GP1990-4DA10
250A Add-on Meter Pack – MID	245	430	155	8GP1991-4DA10
250A Add-on Meter Pack 185mm ² – Std	245	430	155	8GP1933-0DA12
250A Add-on Meter Pack 185mm ² – MID	245	430	155	8GP1933-0DA14

Features

- Includes painted steel enclosure
- Contains PAC1600 energy meter
- Includes all cable looms, mounting bracket, protective MCB & CTs
- Meter output in Pulsed Output & Modbus RTU
- Measured values include: kWh, kvarh, V, A, kW, kvar, PF, Hz.

Horizontal Lighting & Power Add-on 125A & 250A



8GP1992-4DA10

125A & 250A Horizontal Lighting & Power Add-on

Description	H (mm)	W (mm)	D (mm)	List No
125A Twin Meter Horizontal L&P – Std	410	860	155	8GP1992-2DA10
125A Twin Meter Horizontal L&P – MID	410	860	155	8GP1993-2DA10
250A Twin Meter Horizontal L&P – Std	735	860	155	8GP1992-4DA10
250A Twin Meter Horizontal L&P – MID	735	860	155	8GP1993-4DA10

Features

- Includes painted steel enclosure
- Contains 2 x PAC1600 energy meter
- Pre-wired with all necessary cabling for out-of-the box installation to DBs
- Dual power tail connections provided
- Meter output in Pulsed Output & Modbus RTU
- Measured values include: kWh, kvarh, V, A, kW, kvar, PF, Hz.

Vertical Lighting & Power Kit



8GP1904-0DA55

125A Vertical Lighting & Power Kit

Description	H (mm)	W (mm)	D (mm)	List No
Enclosed lighting & power meter kit				8GP1904-0DA55

Features

- Suitable for use with 2 x 125A type B Distribution Boards. (Vertically mounted)
- Kit consists of 3 phase and neutral connection cables, cable clamps and shrouding.
- 125A integral meter kits to be ordered separately
- Maximum 3 phase load on upper board should not exceed 100A.
- Provides separate lighting and combined load readings. Power load calculated by subtracting top section load, from total load measurement.

Distribution Board Add-on Enclosures 125A & 250A



8GP1995-0DA13

Description	H (mm)	W (mm)	D (mm)	List No
Cable Spreader Box	245	430	155	8GP1910-0DA10
Service Centre – 18 Modular Width	245	430	155	8GP1995-0DA13
Service Centre – 36 Modular Width	410	430	155	8GP1995-0DA14

Features

- Service Centre contains DIN rail mounting for modular devices



8GP1903-0DA10

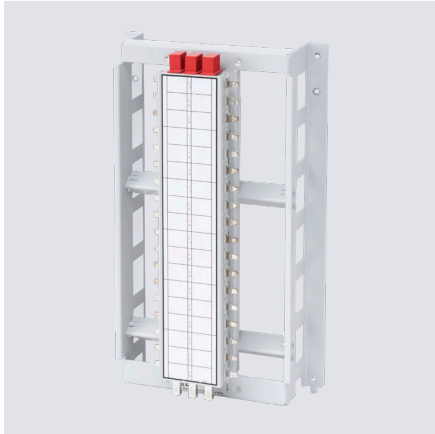
Description	H (mm)	W (mm)	D (mm)	List No
1 Row x 18 Modular Width Extension Box	245	430	155	8GP1901-0DA10
2 Row x 18 Modular Width Extension Box	410	430	155	8GP1902-0DA10
3 Row x 18 Modular Width Extension Box	570	430	155	8GP1903-0DA10
4 Row x 18 Modular Width Extension Box	735	430	155	8GP1904-0DA10
5 Row x 18 Modular Width Extension Box	815	430	155	8GP1905-0DA10

Features

- Contains Earth & Neutral Terminal bars for termination of devices

MCB Pan Assemblies

250A



8GP1940-4DA44

250A Pan Assemblies

Description	H (mm)	W (mm)	D (mm)	List No
4 Way	154	224	133*	8GP1940-4DA41
8 Way	262	224	133*	8GP1940-4DA43
12 Way	370	224	133*	8GP1940-4DA44
16 Way	478	224	133*	8GP1940-4DA45
20 Way	586	224	133*	8GP1940-4DA46
24 Way	694	224	133*	8GP1940-4DA47

Features

- 250A rated for use with 5SL or 5SY** MCB
- 230/415V AC 50/60Hz

* Depth is indicative of pan assembly with MCB fitted to busbar



8GP1603-4DA40

250A Pan Assembly Incomer Options

Description	List No
250A 3P Switch Disconnecter	8GP1603-4DA40
250A 3P MCCB	8GP1604-4DA40
250A Direct Connection Kit	8GP1605-4DA40

Features

- MCCB complete with Box Terminals
- MCCB is 3VA – TM240 – ATAM
- MCCB is adjustable 70% to 100% of I_n for Thermal Overload
- MCCB is adjustable 5x to 10x I_n for Magnetic Short-Circuit
- MCCB accepts 6mm² to 120mm² *
- Switch Disconnecter complete with Box Terminals
- Switch Disconnecter accepts 6mm² to 120mm² *
- Direct Connection Kit accepts 6mm² to 120mm²

MCBs

1P



5SL4110-7

10kA Breaking Capacity @ 230/415V AC in accordance with BS EN 60898

Rated Current	Characteristic		
	B	C	D
6A	5SL4106-6MB	5SL4106-7MB	5SL4106-8MB
10A	5SL4110-6MB	5SL4110-7MB	5SL4110-8MB
16A	5SL4116-6MB	5SL4116-7MB	5SL4116-8MB
20A	5SL4120-6MB	5SL4120-7MB	5SL4120-8MB
25A	5SL4125-6MB	5SL4125-7MB	5SL4125-8MB
32A	5SL4132-6MB	5SL4132-7MB	5SL4132-8MB
40A	5SL4140-6MB	5SL4140-7MB	5SL4140-8MB
50A	5SL4150-6MB	5SL4150-7MB	5SL4150-8MB
63A	5SL4163-6MB	5SL4163-7MB	5SL4163-8MB
80A	-	5SY4180-7	-

80A MCBs – For use in 250A distribution boards and pan assemblies only

MCBs

2P



5SL4206-7MB

10kA Breaking Capacity @ 230/415V AC in accordance with BS EN 60898

Rated Current	Characteristic		
	B	C	D
6A	5SL4206-6MB	5SL4206-7MB	5SL4206-8MB
10A	5SL4210-6MB	5SL4210-7MB	5SL4210-8MB
16A	5SL4216-6MB	5SL4216-7MB	5SL4216-8MB
20A	5SL4220-6MB	5SL4220-7MB	5SL4220-8MB
25A	5SL4225-6MB	5SL4225-7MB	5SL4225-8MB
32A	5SL4232-6MB	5SL4232-7MB	5SL4232-8MB
40A	5SL4240-6MB	5SL4240-7MB	5SL4240-8MB
50A	5SL4250-6MB	5SL4250-7MB	5SL4250-8MB
63A	5SL4263-6MB	5SL4263-7MB	5SL4263-8MB

MCBs

3P



5SL4310-7

10kA Breaking Capacity @ 415V AC in accordance with BS EN 60898

Rated Current	Characteristic		
	B	C	D
6A	5SL4306-6MB	5SL4306-7MB	5SL4306-8MB
10A	5SL4310-6MB	5SL4310-7MB	5SL4310-8MB
16A	5SL4316-6MB	5SL4316-7MB	5SL4316-8MB
20A	5SL4320-6MB	5SL4320-7MB	5SL4320-8MB
25A	5SL4325-6MB	5SL4325-7MB	5SL4325-8MB
32A	5SL4332-6MB	5SL4332-7MB	5SL4332-8MB
40A	5SL4340-6MB	5SL4340-7MB	5SL4340-8MB
50A	5SL4350-6MB	5SL4350-7MB	5SL4350-8MB
63A	5SL4363-6MB	5SL4363-7MB	5SL4363-8MB
80A	-	5SY4380-7	-

80A MCBs – For use in 250A distribution boards and pan assemblies only

RCBOs

Standard Tails (600mm)



5SU9304-7KK32

10kA Breaking Capacity @ 230/240V AC in accordance with BS EN 61009
 Type A
 1P+N (1MW)

Rated Residual Current	Rated Current	Characteristic	
		B	C
30	6	5SU9304-6KK06	5SU9304-7KK06
	10	5SU9304-6KK10	5SU9304-7KK10
	16	5SU9304-6KK16	5SU9304-7KK16
	20	5SU9304-6KK20	5SU9304-7KK20
	25	-	5SU9304-7KK25
	32	5SU9304-6KK32	5SU9304-7KK32
	40	5SU9304-6KK40	5SU9304-7KK40
	50	5SU9304-6KK50	5SU9304-7KK50

RCBOs

Extended Tails (1200mm)



5SU9304-6PK16

10kA Breaking Capacity @ 230/240V AC in accordance with BS EN 61009
 Type A
 1P+N (1MW)

Rated Residual Current	Rated Current	Characteristic	
		B	C
30	6	5SU9304-6PK06	5SU9304-7PK06
	10	5SU9304-6PK10	5SU9304-7PK10
	16	5SU9304-6PK16	5SU9304-7PK16
	20	5SU9304-6PK20	5SU9304-7PK20
	32	5SU9304-6PK32	5SU9304-7PK32
	40	5SU9304-6PK40	5SU9304-7PK40
	50	5SU9304-6PK50	5SU9304-7PK50

AFDDs



5SV6316-7KP06

RCBO + AFDD Combination Devices (6kA)

6kA Breaking Capacity @ 230V AC in accordance with BS EN 60898/62606

Rated Residual Current	Rated Current	Tripping Characteristic	
		B	C
30	6	5SV6316-6KP06	5SV6316-7KP06
	10	5SV6316-6KP10	5SV6316-7KP10
	13	5SV6316-6KP13	5SV6316-7KP13
	16	5SV6316-6KP16	5SV6316-7KP16
	20	5SV6316-6KP20	5SV6316-7KP20
	25	5SV6316-6KP25	5SV6316-7KP25
	32	5SV6316-6KP32	5SV6316-7KP32
	40	5SV6316-6KP40	5SV6316-7KP40

Features

- Can be used with 5ST Accessory Range

See following pages for compatible accessories
For use in 125A distribution boards only



5SV6016-6KP16

MCB + AFDD Combination Devices (6kA)

6kA Breaking Capacity @ 230V AC in accordance with BS EN 60898/62606

Rated Current	Tripping Characteristic	
	B	C
6	5SV6016-6KP06	5SV6016-7KP06
10	5SV6016-6KP10	5SV6016-7KP10
13	5SV6016-6KP13	5SV6016-7KP13
16	5SV6016-6KP16	5SV6016-7KP16
20	5SV6016-6KP20	5SV6016-7KP20
25	5SV6016-6KP25	5SV6016-7KP25
32	5SV6016-6KP32	5SV6016-7KP32
40	5SV6016-6KP40	5SV6016-7KP40

Features

- Can be used with 5ST Accessory Range

See following pages for compatible accessories
For use in 125A distribution boards only

DIN Mounted Contactors



5TT5031-0



5TT5052-0



5TT5001-2



5TG8240

Description	List No
20A Contactors (230V AC coil)	
Contactors 2 NO contacts 20A control 230V AC 1MW	5TT5002-0
Contactors 2 NC contacts 20A control 230V AC 1MW	5TT5002-2
Contactors 1 NO + 1 NC contacts 20A control 230V AC 1MW	5TT5001-0
25A Contactors (230V AC coil)	
Contactors 2 NO + 2 NC contacts 25A control 230V AC 2MW	5TT5032-0
Contactors 4 NC contacts 25A control 230V AC 2MW	5TT5033-0
Contactors 3 NO + 1 NC contacts 25A control 230V AC 2MW	5TT5031-0
Contactors 4 NO contacts 25A control 230V AC 2MW	5TT5030-0
40A Contactors (230V AC coil)	
Contactors 4 NC contacts 40A control 230V AC 3MW	5TT5043-0
Contactors 2 NO + 2 NC contacts 40A control 230V AC 3MW	5TT5042-0
Contactors 3 NO + 1 NC contacts 40A control 230V AC 3MW	5TT5041-0
Contactors 4 NO contacts 40A control 230V AC 2MW	5TT5040-0
63A Contactors (230V AC coil)	
Contactors 2 NO + 2 NC contacts 63A control 230V AC 3MW	5TT5052-0
Contactors 3 NO + 1 NC contacts 63A control 230V AC 3MW	5TT5051-0
Contactors 4 NO contacts 63A control 230V AC 3MW	5TT5050-0

Description	List No
20A Contactors (24V DC coil)	
Contactors 2 NO contacts 20A control 24V AC 1MW	5TT5000-0
Contactors 1 NO + 1 NC contacts 20A control 24V AC 1MW	5TT5001-2
25A Contactors (24V DC coil)	
Contactors 4 NC contacts 25A control 24V AC 2MW	5TT5033-2
Contactors 2 NO + 2 NC contacts 25A control 24V AC 2MW	5TT5032-2
Contactors 3 NO + 1 NC contacts 25A control 24V AC 2MW	5TT5031-2
40A Contactors (24V DC coil)	
Contactors 4 NC contacts 40A control 24V AC 3MW	5TT5043-2
Contactors 2 NO + 2 NC contacts 40A control 24V AC 3MW	5TT5042-2
Contactors 3 NO + 1 NC contacts 40A control 24V AC 3MW	5TT5041-2
63A Contactors (24V DC coil)	
Contactors 2 NO + 2 NC contacts 63A control 24V AC 3MW	5TT5052-2
Contactors 3 NO + 1 NC contacts 63A control 24V AC 3MW	5TT5051-2

Description	List No
1/2 Module Spacer	5TG8240

DIN Mounted 125A RCCBs Type A



5SV3345-6

Description	List No
300mA Type A RCCB	
125A 300mA 4P Type A 5SV3 RCCB	5SV3345-6



5SV3445-6KK01

Description	List No
100mA Type A RCCB	
125A 100mA 4P Type A 5SV3 RCCB	5SV3445-6
125A 100mA 4P Time Delay Type A 5SV3 RCCB	5SV3445-6KK01



5SV3345-6

Description	List No
300mA Type A RCCB	
125A 300mA 4P Type A 5SV3 RCCB	5SV3345-6
125A 300mA 4P Time Delay Type A 5SV3 RCCB	5SV3645-6KK01

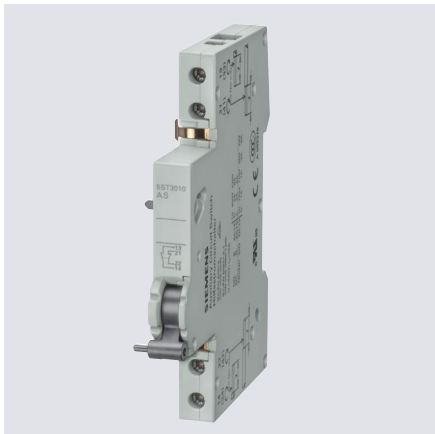
MCB & AFDD Accessories



5ST3806

Description

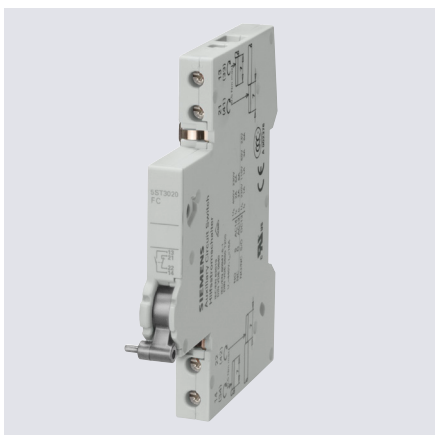
Description	List No
MCB Handle Lock-off Device	5ST3806
Padlock for the above (Supplied with 2 keys)	5ST3802



5ST3010

Auxiliary switches

		List No	5SL4	5SV6
1 NO + 1 NC	Standard	5ST3010	•	•
	For low power	5ST3013	•	•
2 NO	Standard	5ST3011	•	•
	For low power	5ST3014	•	•
2 NC	Standard	5ST3012	•	•
	For low power	5ST3015	•	•
1 CO	Standard	5ST3016	•	•



5ST3020

Fault signal contacts (FC)

	List No	5SL4	5SV6
1 NO + 1 NC	5ST3020	•	•
2 NO	5ST3021	•	•
2 NC	5ST3022	•	•

Go to the Industry Mall for the full MCB Accessory range

Auxiliary switches and fault signal contacts (AS+FC)

	List No	5SL4	5SV6
1 CO (AS) + 1 CO (FC)	Standard 5ST3062	•	•

Distribution Board Accessories 125A & 250A



8GP1960-0DA10



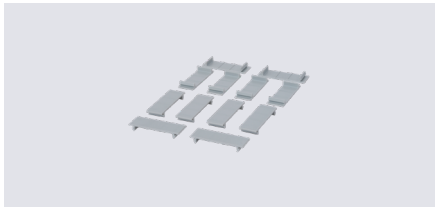
8GP1961-0DA10

Description

Door Cylinder Lock & Key
Pad-Lockable Door Cylinder with Padlock & Key

List No

8GP1960-0DA10
8GP1961-0DA10



8GP1971-1DA11

Description

Blanking Strip (6 x 1 Mod)
Blanking Strip (12 x 1 Mod)
Blanking Strip (4 x 3 Mod)
Blanking Strip (2 x 12 Mod)
1MW MCB Profile Blank
Half module spacer

List No

8GP1970-0DA11
8GP1971-1DA11
8GP1972-0DA12
8GP1973-0DA15
8GP1974-0DA11
5TG8240



8GP1976-0DA17

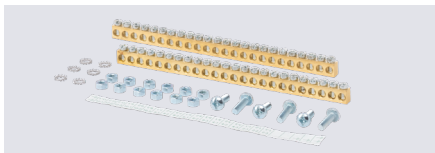
Description

Spare Fixings Kit*

List No

8GP1976-0DA17

*Contains all possible fixings supplied with 125 & 250A DBs. Does not include fixings for wall-mounting.



8GP1920-0DA44

Description

Additional Earth Bar Kit (4 Way TPN)
Additional Earth Bar Kit (6 Way TPN)
Additional Earth Bar Kit (8 Way TPN)
Additional Earth Bar Kit (12 Way TPN)
Additional Earth Bar Kit (16 Way TPN)
Additional Earth Bar Kit (20 Way TPN)
Additional Earth Bar Kit (24 Way TPN)

List No

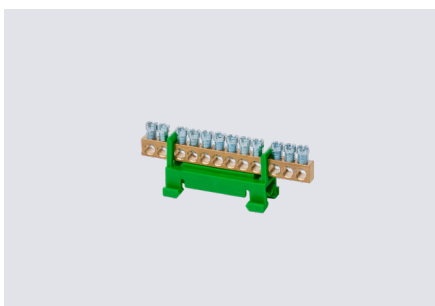
8GP1920-0DA41
8GP1920-0DA42
8GP1920-0DA43
8GP1920-0DA44
8GP1920-0DA45
8GP1920-0DA46
8GP1920-0DA47



8GP1976-0DA16

Cable Clamp Assembly (Converts 16mm ² to 70mm ²)

8GP1976-0DA16



8GP1931-0DA47

Description

DIN Rail Mounted Neutral Bar – 7 x 10mm ² Terminals
DIN Rail Mounted Neutral Bar – 12 x 10mm ² Terminals
DIN Rail Mounted Neutral Bar – 15 x 10mm ² Terminals
DIN Rail Mounted Earth Bar – 7 x 10mm ² Terminals
DIN Rail Mounted Earth Bar – 12 x 10mm ² Terminals
DIN Rail Mounted Earth Bar – 15 x 10mm ² Terminals

List No

8GP1933-0DA47
8GP1934-0DA47
8GP1935-0DA47
8GP1930-0DA47
8GP1931-0DA47
8GP1932-0DA47

ALPHA BSII Distribution Boards

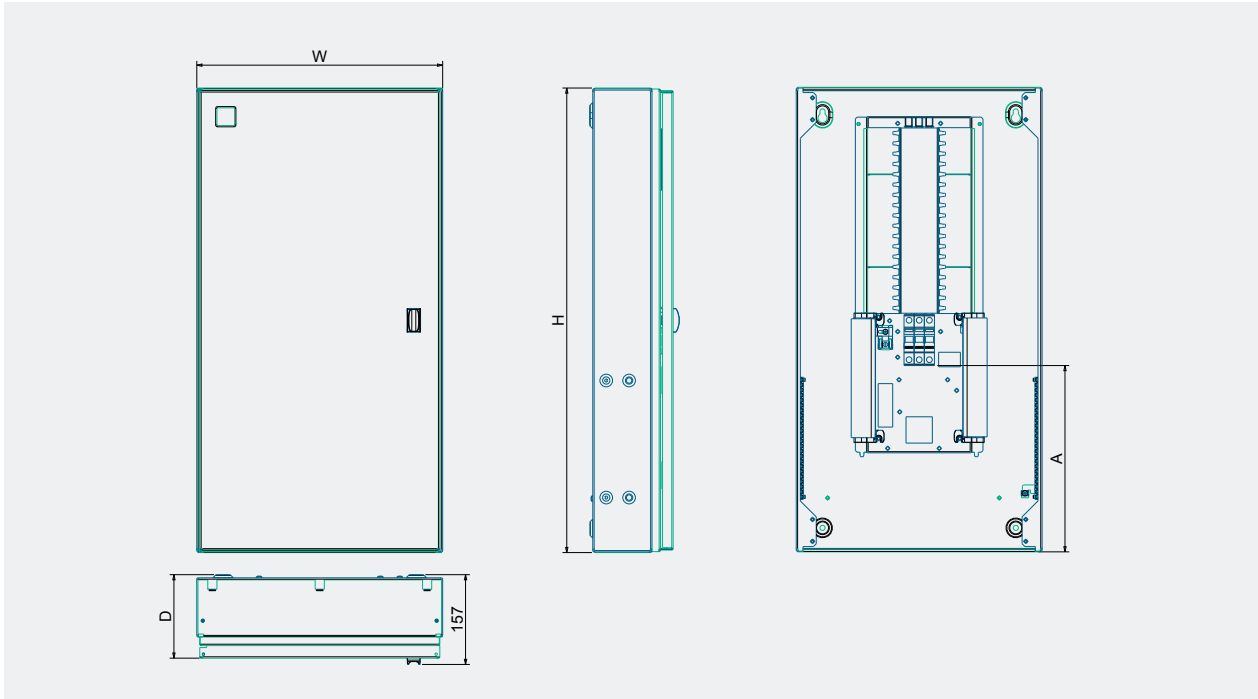
Technical Data

Distribution Boards

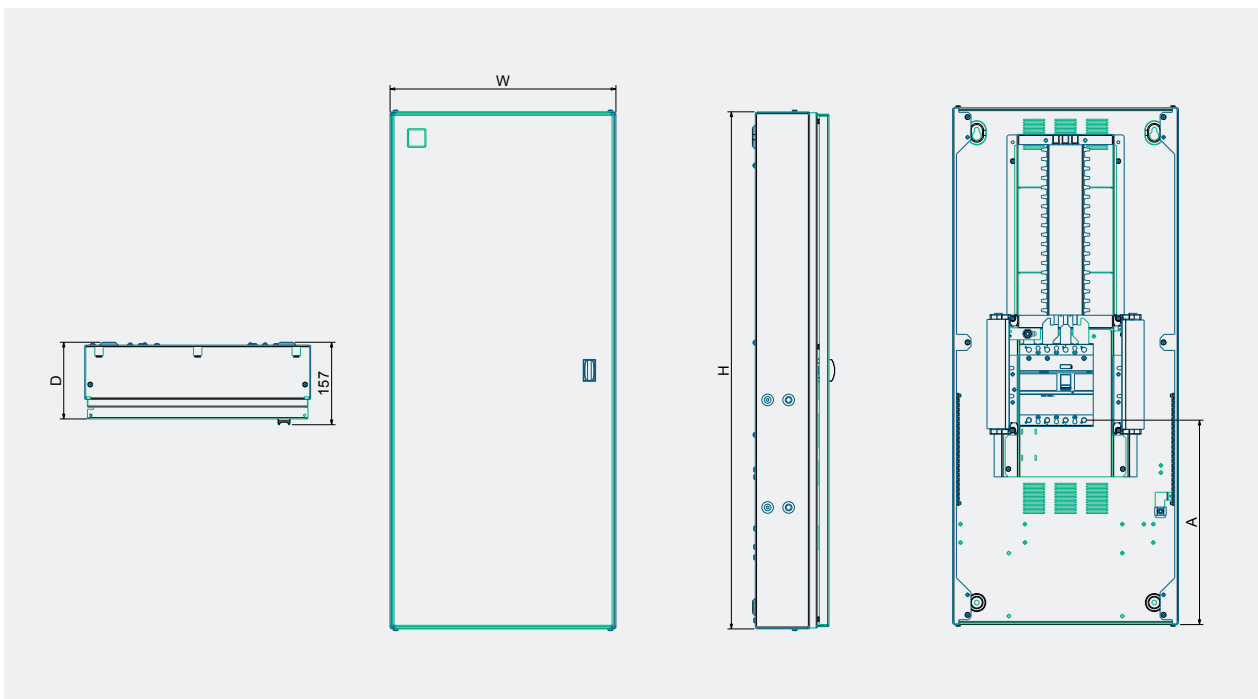
Description		Dimensions (mm)			Distance from Gland Plate to Incoming Terminals (mm)
		(H)	(W)	(D)	A (Spreading Room)
125A	4 Way	488	430	146	218
	6 Way	569	430	146	245
	8 Way	650	430	146	272
	12 Way	812	430	146	326
	16 Way	893	430	146	299
	20 Way	999	430	146	297
	24Way	1136	430	146	297
	250A	4 Way	768	430	146
6 Way		822	430	146	389
8 Way		876	430	146	389
12 Way		984	430	146	389
16 Way		1092	430	146	389
20 Way		1200	430	146	389
24 Way		1308	430	146	389

	125A	250A
Compliance with:	IEC/BS EN 61439-3	
Short Circuit Withstand Rating:	10kA for 0.1s	
Rated Voltage:	230/415V AC, 3PH, 50Hz	
Mounting:	Wall	
Incoming Cable Entry:	Bottom	
Access Panels:	All Fascias	
Ingress Protection:	IP3X as Standard (Door Closed)	
Finish:	Powder Coated RA7035 Light Grey	

Distribution Boards 125A



Distribution Boards 250A



Add-on Units

Description	Dimensions (mm)		
	(H)	(W)	(D)
Cable Spreader Box	243	430	146
Service Centre – 18 Mod	243	430	146
Service Centre – 36 Mod	405	430	146
1x Rowboard	243	430	146
2x Rowboard	405	430	146
3x Rowboard	567	430	146
4x Rowboard	729	430	146
5x Rowboard	810	430	146
12 Way Add-on Board	675	430	146

Add-on Meter Packs

Description		Dimensions (mm)		
		(H)	(W)	(D)
125A	Single Meter - STD	243	430	146
	Single Meter - MID	243	430	146
	Dual Meter - STD	413	860	146
	Dual Meter - MID	413	860	146
250A	Single Meter - STD	243	430	146
	Single Meter - MID	243	430	146
	Single Meter - STD (185mm ²)	243	430	146
	Single Meter - MID (185mm ²)	243	430	146
	Dual Meter - STD	738	860	139
	Dual Meter - MID	738	860	139

Cable Capacity & terminal Connections – Maximum Stranded Copper Cable

	Incoming Options				Outgoing Options		
	Switch Disconnecter	MCCB	RCCB	Neutral	Earth	Neutral	Earth
125A	50mm ²	-	35mm ²	70mm ²	70mm ²	25mm ²	25mm ²
250A	25 x 8mm Max. (Cable Lug)	25 x 8mm Max. (Cable Lug)	-	120mm ²	120mm ²	25mm ²	25mm ²

ALPHA BSII is manufactured in the UK

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estimating.uk@siemens.com

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Although every effort has been made to ensure accuracy in the compilation of this publication, specifications and performance data are constantly changing. Latest details can be obtained by contacting us.