



Switch - disconnecter for DC current 2P



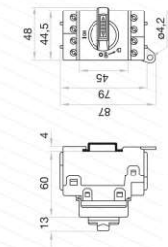
Size 00
A 16/25/32/40/55
 600 - 1000 - 1500Vdc

Accessories

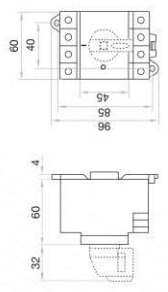
Insulated bridging links included
 CODE ZTC-B1 16-25 A
 ZFV-B1 32 A
 ZFV-B2 40-55 A

Dimensions (mm)

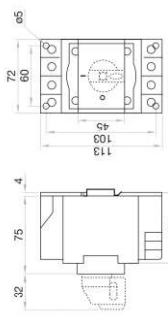
ZFC16-25



ZFV32



ZFV40-55



DO NOT USE IN GROUNDED INSTALLATIONS



Technical information

According to IEC 60947-3
 DC-PV1
 UL5081
 IEC 60947-3



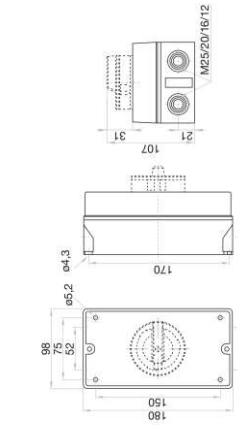
	ZFC16	ZFC25	ZFC32	ZFV40	ZFV55
le 2 Poles in series	9 DC21A	11 DC21A	13 DC21B	29 DC21B	36 DC21B
le 4 Poles in series	3 DC21A	4 DC21A	6 DC21B	7.5 DC21B	10 DC21B
le 2 Poles in series	16 DC21A	25 DC21A	32 DC21B	40 DC21B	55 DC21B
le 4 Poles in series	16 DC21A	29 DC21A	32 DC21B	40 DC21B	55 DC21B
le 2 Poles in series	10 DCPV1	11.5 DCPV1	13 DCPV1	29 DCPV1	36 DCPV1
le 4 Poles in series	3 DCPV1	5 DCPV1	6 DCPV1	7.5 DCPV1	10 DCPV1
le 2 Poles in series	16 DCPV1	25 DCPV1	32 DCPV1	40 DCPV1	55 DCPV1
le 4 Poles in series	16 DCPV1	25 DCPV1	32 DCPV1	40 DCPV1	55 DCPV1
Rated operational current	5	5	5	10	10
Rated conditional short-circuit current	9kAeff	5	5	10	10
Max. fuse size	9L(GG)	A	40	63	80
Maximum cable cross sections (included Jumper)	mm ²	1.5-10	1.5-10	4-16	2.5-25
Solid or stranded	mm ²	1.5-6	1.5-6	4-10	2.5-16
Flexible	mm ²	1.5-6	1.5-6	4-10	2.5-16
Flexible (+ multicores cable end)	mm ²	1.5-6	1.5-6	4-10	2.5-16
Size of terminal screw	Nxm	M3,5 P21	M3,5 P21	M4 P22	M5P22
Tightening torque	Nxm	1,4	1,4	1,7-1,8	2,5-2,8

	ZFC16	ZFC25	ZFC32	ZFV40	ZFV55
2 Poles in series	UL 600Vdc	A	16	25	32
4 Poles in series	UL 1000Vdc	A	-	-	16
Fuse size (RKS) Industrial Control Switch	5 kA / 600 V	-	-	-	-
Fuse size (RKS) Industrial Control Switch	5 kA / 1000 V	-	-	-	-
Maximum cable cross sections (included Jumper)	AWG	16-10	16-10	12-10	16-10
Solid or stranded	AWG	20-6	20-6	12-6	14-4
Flexible	AWG	20-6	20-6	12-6	-
Flexible (+ multicores cable end)	AWG	M3,5 P21	M3,5 P21	M4 P22	M5P22
Size of terminal screw	Nxm	1,7-1,8	1,7-1,8	1,7-1,8	2,5-2,8
Tightening torque	Nxm	1,7-1,8	1,7-1,8	1,7-1,8	2,5-2,8

P2 max = 150 | min = 89
 Other lengths (shafts) are available under request



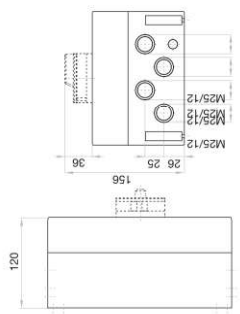
ZFC16 - ZFV32



P3 max = 194 | min = 103
 Other lengths (shafts) are available under request



ZFV55



S5 DC

Switch - disconnecter for DC current 4P

Size 0

A 40

900Vdc



CODE: 40A **S5-01604P80**
CODE: 40A **S5-01604P50**



Technical information

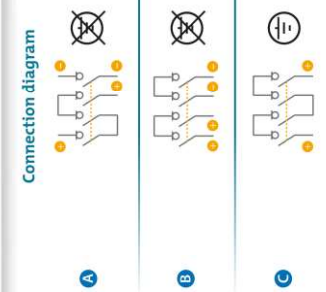
According to IEC 60947-1
IEC 60947-3

Rated thermal current in ambient at	Ith	40°C	A	40
		50°C	A	40
		60°C	A	40
Rated insulation voltage DC20	Ui	V	V	1000
Rated impulse withstand voltage	Uimp	kV	kV	8
Rated operational current DC21B	Ie	900Vdc	A	40

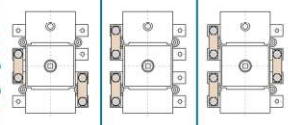
*⁽¹⁾ Other voltages and / or utilization categories. Please consult
*⁽²⁾ Without limiting protective device (short-circuit maintained 50...100 ms.)

Short - circuit behaviour			
Short - circuit making capacity* ⁽²⁾	Icm	kA (peak)	13
Rated short-time withstand current (1scc)	Icw	kA rms	7
Number of mechanical operations (according to the standards, for other values please consult)	Cycles	Cycles	10000
Maximum weight (without bridging links)	Kg	Kg	1

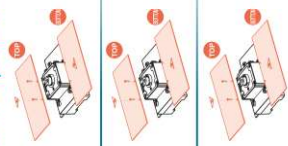
Connection diagram



Bridging links*^(ip)



Terminal protection



DO NOT USE IN GROUNDED INSTALLATIONS

Accessories



» **Direct handle**
CODE: DS-5101



» **External handle** included shaft*^(ip1)
IP65 CODE: DS-SA01



» **External handle** without shaft
IP65 CODE: DS-SA03



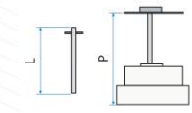
» **Auxiliary contacts**
1NO+1NC CODE: D5LAU01
2NO+2NC CODE: D5LAU02
Ie = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.



» **Terminal protection**
CODE: DS-CU01
D➤ (1 unit for input or output)



» **Bridging links*^(ip)**
A B CODE: DS-PI05 (2 units)
A B D➤ CODE: DS-PI01 (2 units)
C CONSULT



Shafts

Standard shaft included*^(ip1)

L (mm)	P (mm)
177	87...197,5

Shaft extensions

Type 1

L (mm)	P (mm)	CODE
250	87...278	DS-EP04

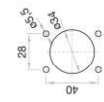
Type 2

L (mm)	P (mm)	CODE
387	87...415	DS-EP05

*^(ip1) To comply with the operation and electrical features, the bridging links must be assembled to the switch. Please consult.

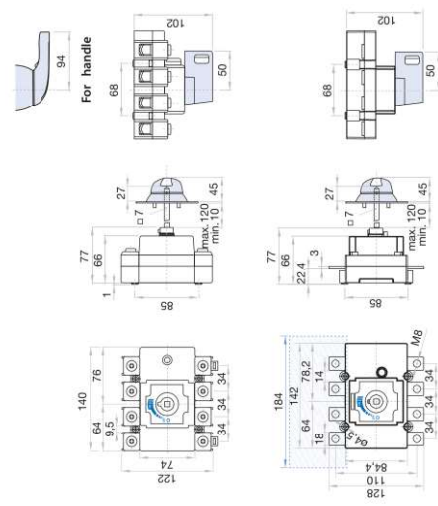
DIN rail mounting

CODE: DS-DN01
D➤ (1 Kit)



Dimensions (mm)

Door drilling for external handle



S max (Cu)	M	Nom
mm ²	mm	mm
95	5	4

S max (Cu)	H max (Cu)	L max (Cu)	M
mm ²	mm	mm	Nom
95	5	25	M8 13

Switch - disconnecter for DC current 4P

Size 1

A 100/160/250/400

1000Vdc



CODE=160A [B] S5-01254PRO
CODE=250A [B] S5-03154PRO
CODE=400A [B] S5-04004PCO



tests:
AIT
TOMORROW'S TECHNOLOGY TODAY



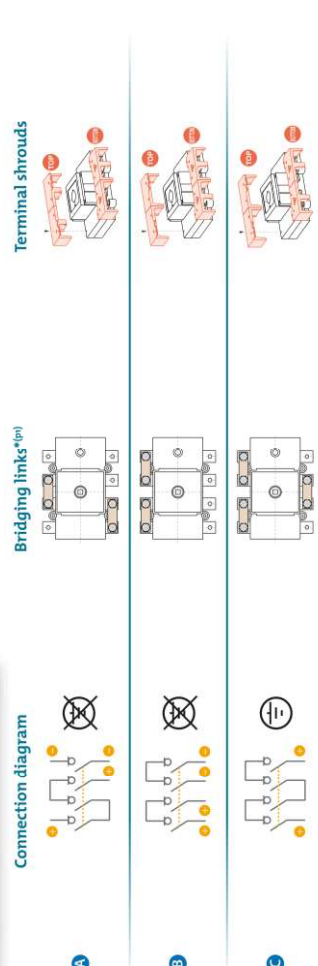
Technical information

According to IEC 60947-1
IEC 60947-3

Rated thermal current in ambient at	100				160				250				400				
	A	125	200	315	400	A	125	200	315	400	A	125	200	315	400		
50°C	A	125	200	315	400	A	125	200	315	400	A	125	200	315	400		
60°C	A	125	200	280	320	A	125	200	280	320	A	125	200	280	320		
Rated insulation voltage DC20	UI	1500				1500				1500				1500			
Rated impulse withstand voltage DC21B	Uimp	8				8				8				8			
Rated operational current DC21B	Ie	100				160				250				400			

*) Other voltages and / or utilization categories. Please consult
**) Without limiting protective device (short-circuit maintained 50...100 ms.)

Connection diagram



Accessories

- Direct handle**
CODE DS-S111
- External handle** included shaft ^{*)}
IP65 CODE DS-SA11
- External handle** without shaft
IP65 CODE DS-SA14



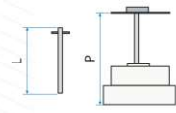
Shafts

Standard shaft included ^{*)}

L (mm)	P (mm)	CODE
227	103...256	DS-EP14

Shaft extensions

Type 1	Type 2
L (mm)	L (mm)
375	536
P (mm)	P (mm)
103...415	103...576
DS-EP14	DS-EP15



- Auxiliary contacts**
1NO+1NC CODE D5LAU01
2NO+2NC CODE D5LAU02
Ie = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.



- Terminal protection**
CODE DS-CU12
(1 unit for input or output)



- Terminal shrouds (2 units)**
- | Code | DS-CU18 | DS-CU10 | DS-CU18 |
|------|---------|---------|---------|
| A | DS-CU18 | DS-CU10 | DS-CU18 |
| B | DS-CU19 | DS-CU11 | DS-CU18 |



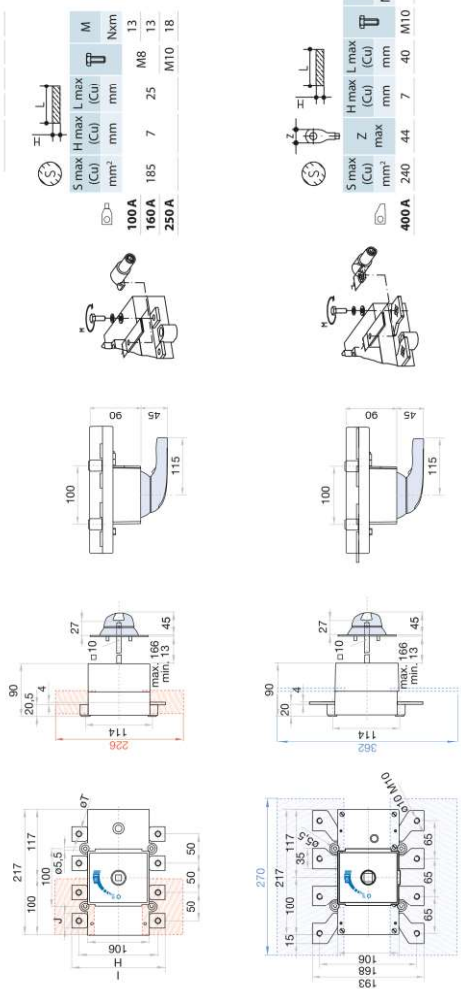
- Bridging links ^{*)}**
- | Code | DS-PI11 (2 units) | DS-PI14 (2 units) |
|------|-------------------|-------------------|
| A | DS-PI11 | DS-PI14 |
| B | DS-PI11 | DS-PI14 |



^{*)} To comply with the operation and electrical features, the bridging links must be assembled to the switch. Please consult.

Dimensions (mm)

	H	I	J	øT
100A	130	50	20	M8
160A	143	67	25	M10
250A	143	67	25	M10



S5 DC

Switch - disconnecter for DC current 4P

Size 2

A 500 I630

1000 Vdc



CODE: 500A I630-SS-06304PRO
CODE: 630A I630-SS-06302ERO



Technical information

According to IEC 60947-1
IEC 60947-3

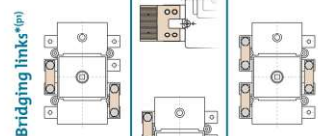
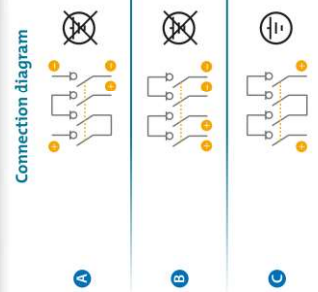


	500	630
Rated thermal current in ambient at 40°C	A 500	630
50°C	A 500	630
60°C	A 400	500
Rated insulation voltage DC20	UI 1500	1500
Rated impulse withstand voltage DC21B	Uimp kv 12	12
Rated operational current ^{*)}	Ie 1000Vdc A 500	630

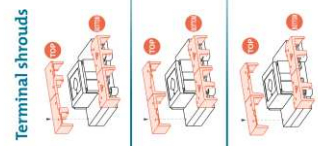
	500	630
Short-circuit behaviour		
Short-circuit making capacity ^{*)}	Icm kA (peak) 26	26
Rated short-time withstand current (1s.c.)	Icw kA rms 16	16
Number of mechanical operations (according to the standards, for other values please consult)	Cycles 5000	5000
Maximum weight (without bridging links)	Kg 4,5	4,5

^{*)} Other voltages and / or utilization categories. Please consult
^{**)} Without limiting protective device (short-circuit maintained 50... 100 ms).

Connection diagram



DO NOT USE IN GROUNDED INSTALLATIONS



Accessories

- Direct handle
CODE: DS-LI21
- External handle included shaft^{*)}
IP65
CODE: DS-LA21
- External handle without shaft
IP65
CODE: DS-LA24

- Auxiliary contacts
1NO+1NC CODE: D5LAU01
2NO+2NC CODE: D5LAU02
Ie = 16A (resistive loads)
4A (inductive loads) at 250 Vac.

- Terminal protection
CODE: DS-CU22
(1 unit for input or output)

- Terminal shrouds (2 units - only for 500A)
A DS-CU28
B DS-CU20
C DS-CU29
DS-CU21
DS-CU28

- Bridging links^{*)}
A B 500A CODE: DS-PI21 (2 units)
C CODE: CONSULT
B 630A CODE: DS-PI2D (2 units)

^{*)} To comply with the operation and electrical features, the bridging links must be assembled to the switch. Please consult.

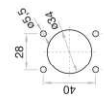
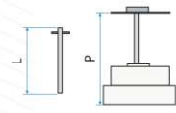
Shafts

Standard shaft included^{*)}

Type 1	Type 2
L (mm)	L (mm)
195	535
P (mm) 134...240	P (mm) 134...560

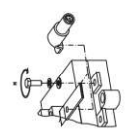
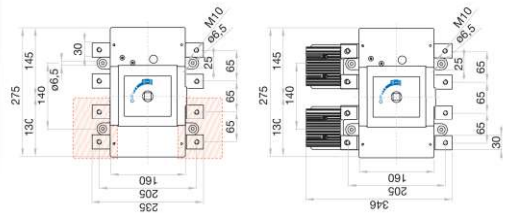
Shaft extensions

Type 1	Type 2
L (mm)	L (mm)
345	535
P (mm) 134...400	P (mm) 134...560



Door drilling for external handle

Dimensions (mm)



S	H max (Cu)	L max (Cu)	M
mm ²	mm	mm	Nom
500A	2x240	2x5	M10 24
630A			M10 24

S5 DC

Switch - disconnecter for DC current 4P

Size 3

A 850/1250

1000Vdc



CODE: 850A IEC5
S5-T2504PC0

CODE: 1250A IEC5
S5-T2502ECO



Technical information

According to IEC 60947-1
IEC 60947-3

	850	1250
Rated thermal current in ambient at 40°C	A	850
50°C	A	850
60°C	A	700
Rated insulation voltage DC20	V	1500
Rated impulse withstand voltage DC21B	kV	12
Rated operational current ^{*)}	A	850
le	1000Vdc	1250

^{*)} Other voltages and / or utilization categories. Please consult
^{**)} Without limiting protective device (short-circuit maintained 50... 100 ms).

TESTS:

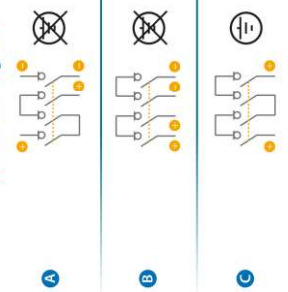
IEC **UL** **EAC** **CCC**

AIT TOMORROW TODAY

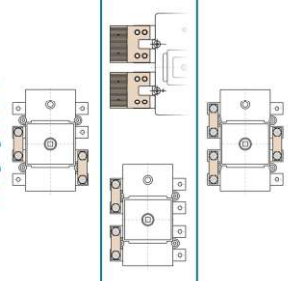
	850	1250
Short-circuit behaviour		
Short-circuit making capacity ^{*)}	Icm	kA (peak) 60
Rated short-time withstand current (1s.c.)	Icw	kA rms 25
Number of mechanical operations (according to the standards, for other values please consult)	Cycles	3000
Maximum weight (without bridging links)	Kg	7,6

Connection diagram

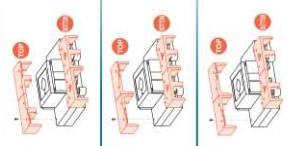
Connection diagram



Bridging links^{*)}



Terminal shrouds



DO NOT USE IN GROUNDED INSTALLATIONS

Accessories



Direct handle
CODE: DS-LI31



External handle included shaft^{*)}
IP65
CODE: DS-LA31



External handle without shaft
IP65
CODE: DS-LA33

Auxiliary contacts

1NO+1NC CODE: DSLAU01
2NO+2NC CODE: DSLAU02
le = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.

Terminal shrouds (2 units - only for 850A)

A DS-CU38 DS-CU30
B DS-CU39 DS-CU31
C DS-CU38 DS-CU38

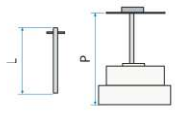
Shafts

Standard shaft included^{*)}
L (mm) P (mm)
186 | 145... 242

Shaft extensions

Type 1
L (mm) P (mm) CODE
345 | 145... 411 DS-EP23

Type 2
L (mm) P (mm) CODE
535 | 145... 600 DS-EP24

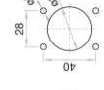


Bridging links^{*)}

A **B** 850A CODE: DS-PI31 (2 units)
C CODE CONSULT

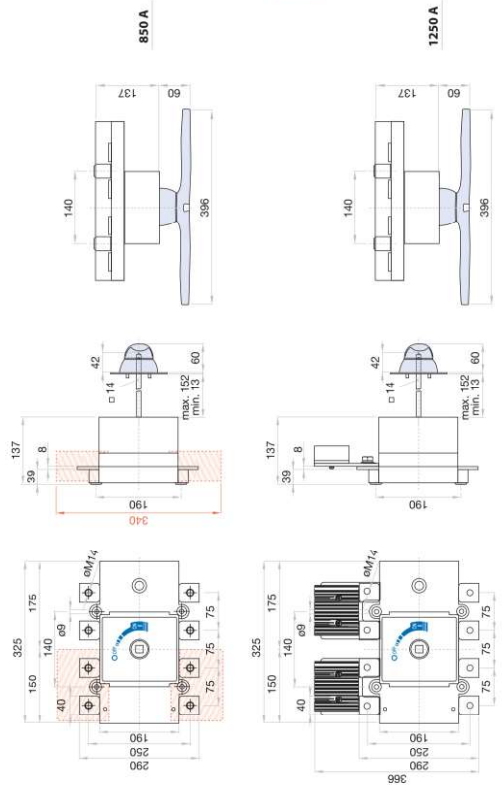
B 1250A CODE: DS-PI3D (2 units)

^{*)} To comply with the operation and electrical features, the bridging links must be assembled to the switch. Please consult.



Door drilling for external handle

Dimensions (mm)



S	H max (C0)	L max (C0)	M
mm	mm	mm	Nmm
2x300	2x10	50	M14 45

Switch - disconnecter for DC current 4P

Size 4
A 1250 | 1800 | 2000
1000Vdc



CODE: 1250A (S5-18004P50)



CODE: 1800A (S5-18002E50)

CODE: 2000A (S5-20002E00)



Technical information

According to IEC 60947-1
IEC 60947-3

Rated thermal current in ambient at	1250			1800			2000				
	lth	40°C	50°C	A	1250	1800	2000	A	1250	1800	2000
Rated insulation voltage DC20	Ui	1500	1400	1600	1500	1500	1500	1500	1500	1500	1500
Rated impulse withstand voltage	Uimp	12	12	12	12	12	12	12	12	12	12
Rated operational current DC21B	Ie	1000Vdc	A	1250	1800	2000					

*41) Other voltages and/or utilization categories. Please consult

*42) Without limiting protective device (short-circuit maintained 50...100 ms.)

TESTS:



Short-circuit behaviour	1250			1800			2000		
	Short-circuit making capacity ^{*43)}	Icm	kA (peak)	60	60	60	60	60	60
Number of mechanical operations (according to the standards, for other values please consult)	Cycles	3000	3000	3000	3000	3000	3000	3000	3000
Maximum weight (without jumpers)	Kg	20,8	20,8	20,8	20,8	20,8	20,8	20,8	20,8

Accessories



Direct handle
CODE: DS-L141



External handle included shaft ^{*44)}
IP65 UL508/ENEMA 250
Types: 1, 3R, 4, 4X, Y, 12
CODE: DS-LA41



External handle without shaft
IP65 UL508/ENEMA 250
Types: 1, 3R, 4, 4X, Y, 12
CODE: DS-LA43

» Auxiliary contacts
1NO+1NC CODE: DSLAU01
2NO+2NC CODE: DSLAU02
Ie = 16 A (resistive loads)
4 A (inductive loads) at 250 Vdc.



» Terminal shrouds (2 units)
TOP DS-CU48 DS-CU49
BOTTOM DS-CU48 DS-CU49



» Bridging links ^{*45)}
For S5-18004P50 A B C CODE DS-PI41 (2 units) CONSULT

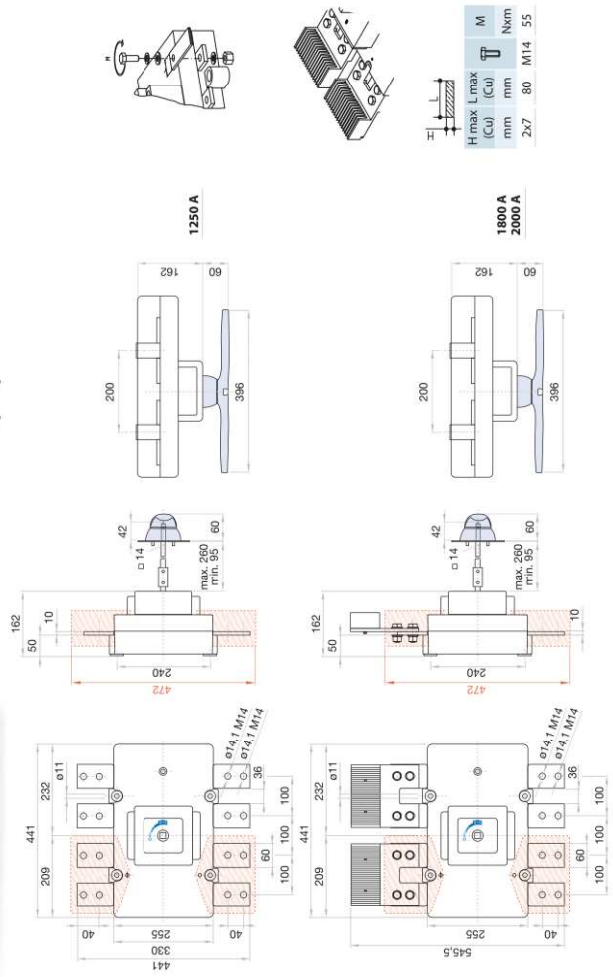


For S5-18002E50 S5-20002E00 B CODE DS-PI40 (2 units) C CONSULT

*46) To meet the operation and electrical features, the product installed must be incorporate these bridging links. Please consult.

Dimensions (mm)

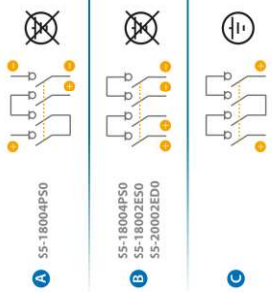
Door drilling for external handle



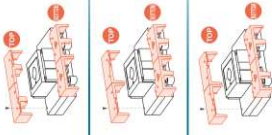
DO NOT USE IN GROUNDED INSTALLATIONS

Connection diagram

Connection diagram



Terminal shrouds





S5M DC Switch - disconnecter for DC current 4P+4P

Size 2

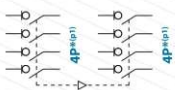
A 500/630

1500Vdc



CODE: 500A (A) S5M063044R0

CODE: 630A (B) S5M080044C0



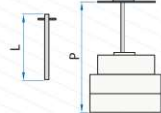
Accessories



» **Direct handle**
CODE: DS-LI22



» **External handle** included shaft*^(p)
IP65 CODE: DS-LA22



» **Shafts**
Standard shaft included shaft*^(p)
L (mm) P (mm)
239 325...490

» Auxiliary contacts

- 1NO+1NC CODE: DS-AU11
 - 2NO+2NC CODE: DS-AU12
- Ie = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.

» Bridging links*^(p)

- A** 500A CODE: DS-PI230L (2 units)
- B** 630A CODE: DS-PI2D (2 units)

*^(p)To comply with the operation and electrical features, the bridging links must be assembled to the switch. Please consult.

Technical information

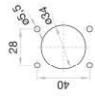
According to IEC60947-1
IEC60947-3

	500		630	
Rated thermal current in ambient at	Ith	40°C	A	500
		50°C	A	500
		60°C	A	500
Rated insulation voltage DC20	Ui	V	1500	1500
Rated impulse withstand voltage	Uimp	kV	12	12
Rated operational current DC21B	Ie	1500Vdc	A	500

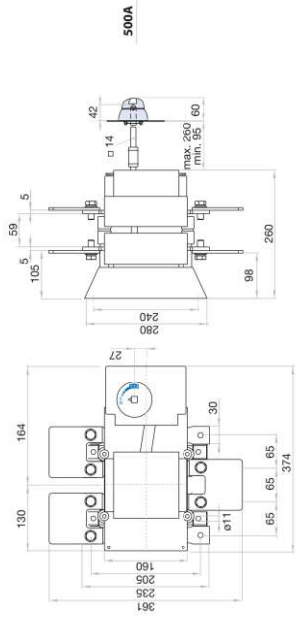
*⁽¹⁾Without limiting protective device (short-circuit maintained 50... 100 ms.)



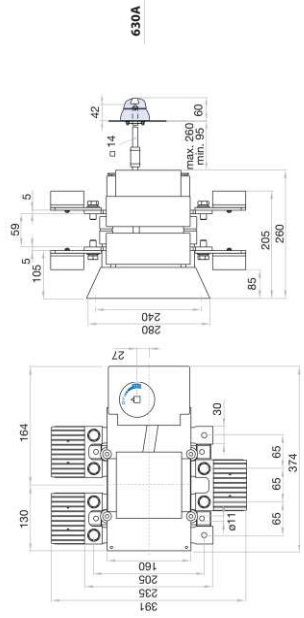
Dimensions (mm)



Door drilling for external handle



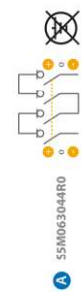
500A



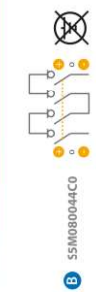
630A

Connection diagram

Connection diagram



A S5M063044R0

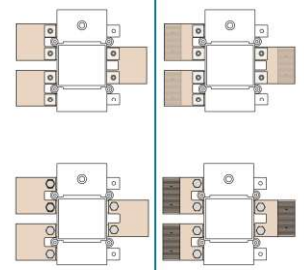


B S5M080044C0

Bridging links*^(p)

Front switch

Rear switch



DO NOT USE IN GROUNDED INSTALLATIONS

S max (Cu)	H max (Cu)	L max (Cu)	M
mm ²	mm	mm	Nmm
2x240	2x5	40	M10 24



S5M DC Switch - disconnecter for DC current 4P+4P

Size 3

A 800 | 1000

1500Vdc



Accessories

- » **Auxiliary contacts**
1NO+1NC CODE: DS-AU11
2NO+2NC CODE: DS-AU12
Ie = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.



- » **Direct handle**
CODE: DS-LA1



- » **Bridging links*(p)**
CODE: DS-P3D (2 units)



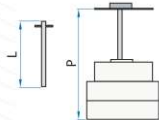
- » **External handle** included shaft*(p1)
IP65 CODE: DS-LA41



- » **External handle** without shaft
IP65 CODE: DS-LA43



Shafts



Standard shaft included*(p1)
L (mm) P (mm)
239 408... 373

Technical information

According to IEC60947-1
IEC60947-3

	800	1000
Rated thermal current in ambient at	A 800	A 1000
50°C	A 800	A 1000
60°C	A 800	A 1000
Rated insulation voltage DC20	V 1500	1500
Rated impulse withstand voltage	kV 12	12
Rated operational current DC21B	Ie 1500Vdc A 800	1000

*1) Without limiting protective device (short-circuit maintained 50... 100 ms.)



Short-circuit behaviour	
Maximum cut-off current ^(p1)	Icm kA (peak) 60
Short-time withstand current (1 sec.) ^(p1)	Icw kA rms 25
Mechanical features	
Number of mechanical operations (according to the standards, for other values please consult)	Cycles 3000
Maximum weight (without lumpers)	Kg 28.6

DO NOT USE IN GROUNDED INSTALLATIONS

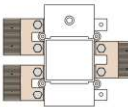


Connection diagram

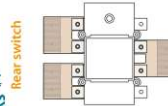
Connection diagram



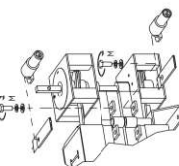
Front switch



Rear switch

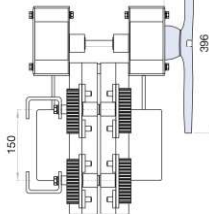
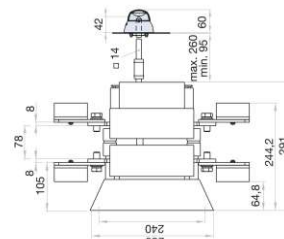
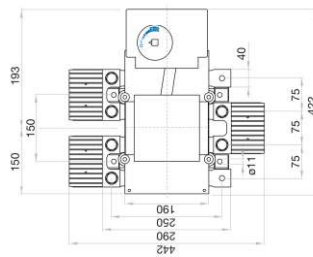


Bridging links*(p)



Door drilling for external handle

Dimensions (mm)



S max (Cu)	H max (Cu)	L max (Cu)	M
mm ²	mm	mm	T Nm
3x240	2x10	50	M14 45



S5N DC Switch - disconnecter for DC current 4P + 4P

Size 4

A 1250/1800

1500Vdc

Accessories

» **Auxiliary contacts**
 1NO+1NC CODE: D5LAU01
 2NO+2NC CODE: D5LAU02
 Ie = 16 A (resistive loads)
 4 A (inductive loads) at 250 Vac



» **Bridging links** * (ip)
A 1250A CODE: DS-P14S0U (3 units)
B 1800A CODE: DS-P14D (2 units)



*ip) To comply with the operation and electrical features, the bridging links must be assembled to the switch. Please consult

» **Direct handle**
 CODE: DS-L141



» **External handle included shaft** * (ip)
 IP65
 CODE: DS-LA41

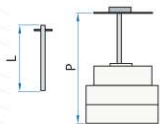


» **External handle without shaft**
 IP65
 CODE: DS-LA43



» Shafts

Standard shaft included * (ip)
 L (mm) P (mm)
 239 420...580



	1250	1800
Rated thermal current in ambient at	A 1250 50°C	A 1800 60°C
Rated insulation voltage DC20	A 1250	V 1500
Rated impulse withstand voltage	Uimp 12	12
Rated operational current DC21B * (ip)	Ie 1250	A 1800

* (ip) Other voltages and / or utilization categories. Please consult
 * (ip) Without limiting protective device (short-circuit maintained 50...100 ms.)

Technical information

According to IEC 60947-1
 IEC 60947-3



Short - circuit behaviour	
Short - circuit making capacity * (ip)	Icm kA (peak) 60
Short - time withstand current (1 sec.) Icw	kA rms 50

Mechanical features

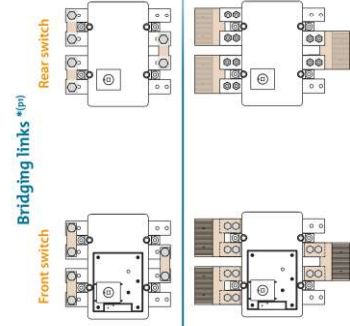
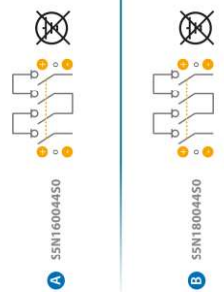
Number of mechanical operations (according to the standards, for other values please consult) Cycles 600

Maximum weight (without bridging links) Kg 44.3

DO NOT USE IN GROUNDED INSTALLATIONS

Connection diagram

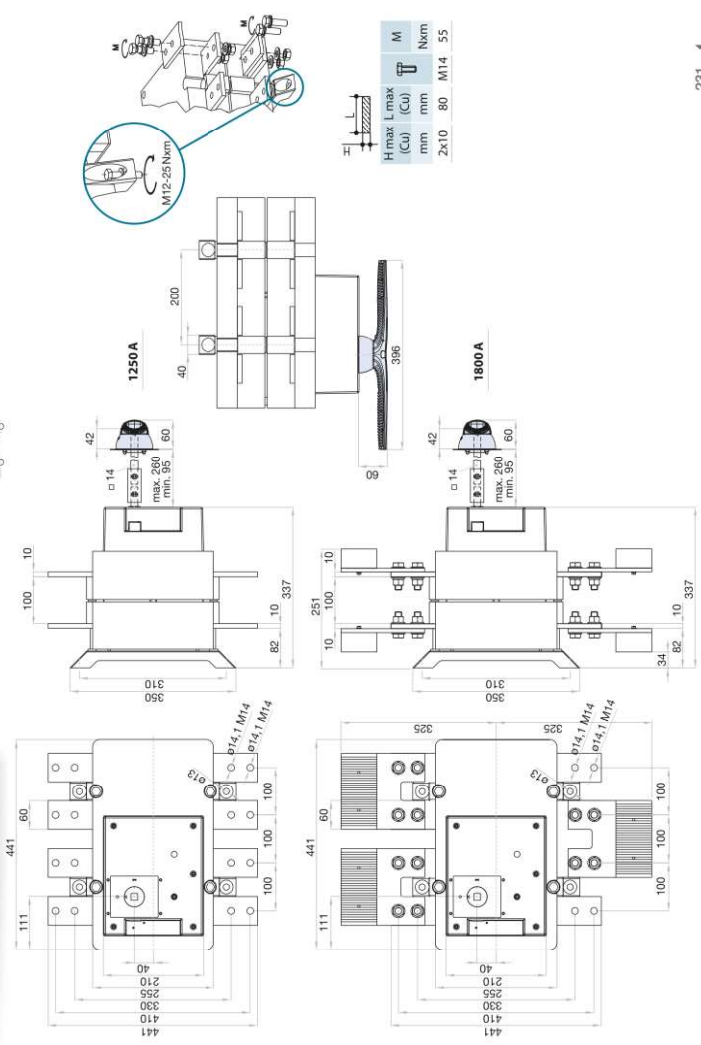
Connection diagram



A S5N16004450

B S5N18004450

Dimensions (mm)



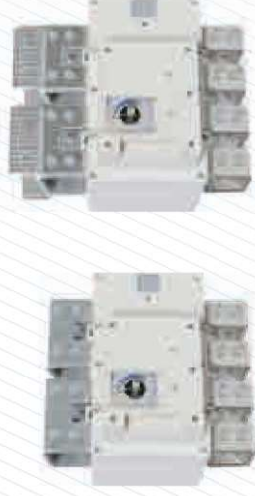
S5N DC

Switch - disconnecter for DC current 4P+4P

Size 5

A 2000|2500|3150

1000Vdc



CODE: 2000A **SSN20002ES0**

CODE: 2500A **SSN25002ES0**

CODE: 3150A **SSN31502ES0**

Technical information



According to IEC 60947-1
IEC 60947-3

	2000	2500	3150
Rated thermal current in ambient at	A 40°C	A 2000	2500 3150
	50°C	A 2000	2500 2850
	60°C	A 2000	2500 2500
Rated insulation voltage DC20	UI	V 1500	1500 1500
Rated impulse withstand voltage	Uimp	kV 12	12 12 12
Rated operational current DC21B ^(*)	Ie	A 2000	2500 3150

^(*) Other voltages and / or utilization categories. Please consult

^(**) Without limiting protective device (short-circuit maintained 50... 100 ms).

Short - circuit behaviour

Short - circuit making capacity ^(**)	Icm	kA (peak)	60
Rated short-time withstand current (1sec)	Icw <th>kA rms</th> <th>50</th>	kA rms	50

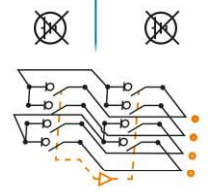
Mechanical features

Number of mechanical operations (according to the standards, for other values please consult)	Cycles	600
Maximum weight (without bridging links)	Kg	55

DO NOT USE IN GROUNDED INSTALLATIONS

Connection diagram

Connection diagram



A SSN20002ES0
SSN25002ES0

B SSN31502ES0



Accessories



>> Direct handle
CODE: DS-LA41



>> External handle
IP65
CODE: DS-LA41



>> External handle
IP65
CODE: DS-LA43

>> Shafts

standard shaft included ^(**)

L (mm) / P (mm)

239 / 420... 580



DS-PI4D



DS-PI51



DS-LPC45

>> Auxiliary contacts

1NO+1NC CODE: DSLAU01
2NO+2NC CODE: DSLAU02
Ie = 16A (resistive loads)
4A (inductive loads) at 250 Vac

>> Bridging links ^(**)

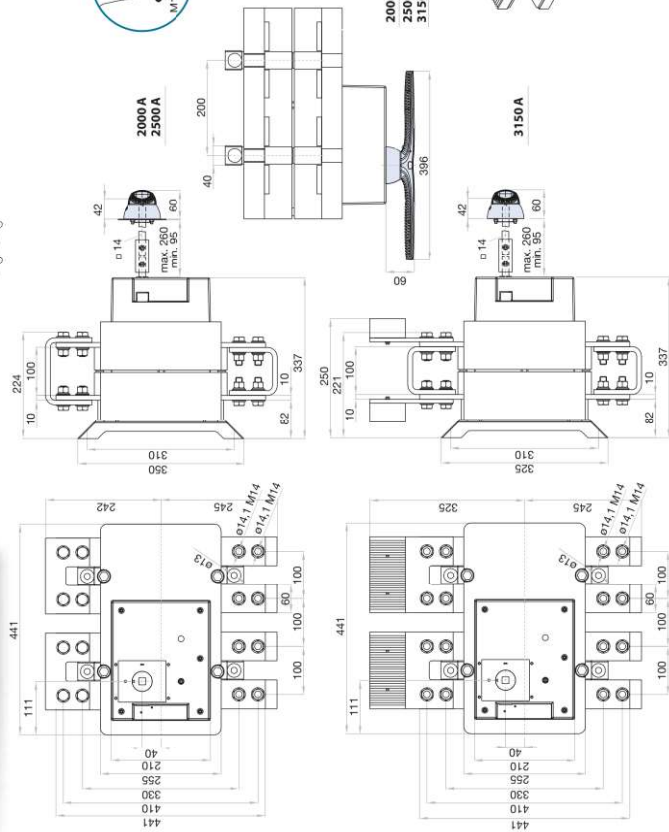
A 2000A CODE: DS-PI51 (2 units) + DS-LPC45 (4 units)

B 2500A CODE: DS-PI51 (2 units) + DS-LPC45 (4 units)

B 3150A CODE: **x2** DS-PI4D (2 units) + **x2** DS-LPC45 (4 units)

^(**) To comply with the operation and electrical features, the bridging links must be assembled to the switch. Please consult

Dimensions (mm)



S6 DC Switch - disconnecter for DC current 1P - 2P

Size 1

A 125|160|200|250|315|400

500 - 750 - 1000Vdc

Terminal shrouds

- CODE DR-CU11 (1 unit)
- CODE DR-CU12 (1 unit)
- CODE DR-CU13 (1 unit)



Phase barriers

- CODE DR-SF11 (1 unit)
- CODE DR-SF12 (2 units)
- CODE DR-SF13 (3 units)



Spacers

- CODE DR-EL11 (4 units)

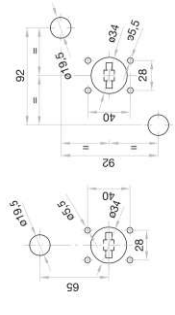


Safety key lock device

- Simple CODE DS-CA11
- Double CODE DS-CE11

For external handle, lock the handle by means of a key in position "OFF" (under request, in "ON", the key can only be removed with the handle locked)

Door drilling for handle and key lock device
Simple
Double



Direct handle

- CODE DS-S11



External handle included shaft**)

- IP65 CODE DS-SA11



External handle without shaft

- IP65 CODE DS-SA14



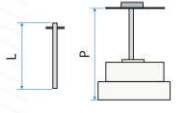
Shafts

Standard shaft included**)

- L (mm) P (mm) CODE
- 227 103... 256 DS-EP14

Shaft extensions

- Type 1 L (mm) P (mm) CODE
- 375 103... 415 DS-EP14
- Type 2 L (mm) P (mm) CODE
- 536 103... 576 DS-EP15



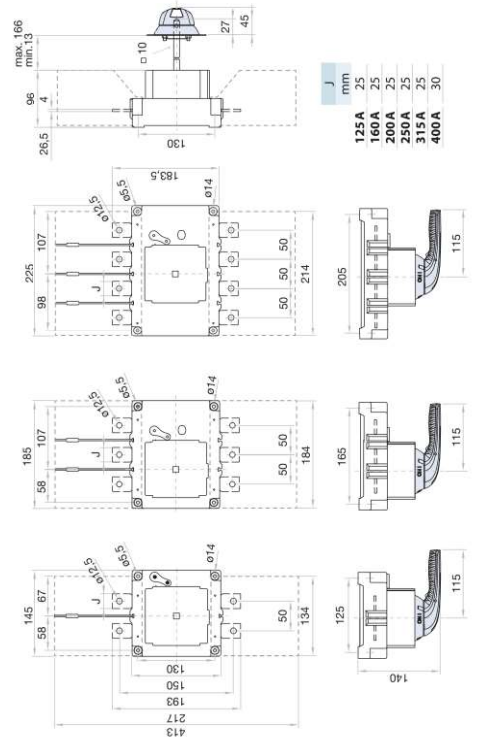
Auxiliary contacts

- INO+NiC CODE DSLAU01
- ZNO+ZnC CODE DSLAU02
- Ie = 16A (resistive loads)
- 4A (inductive loads) at 250Vac.



Dimensions (mm)

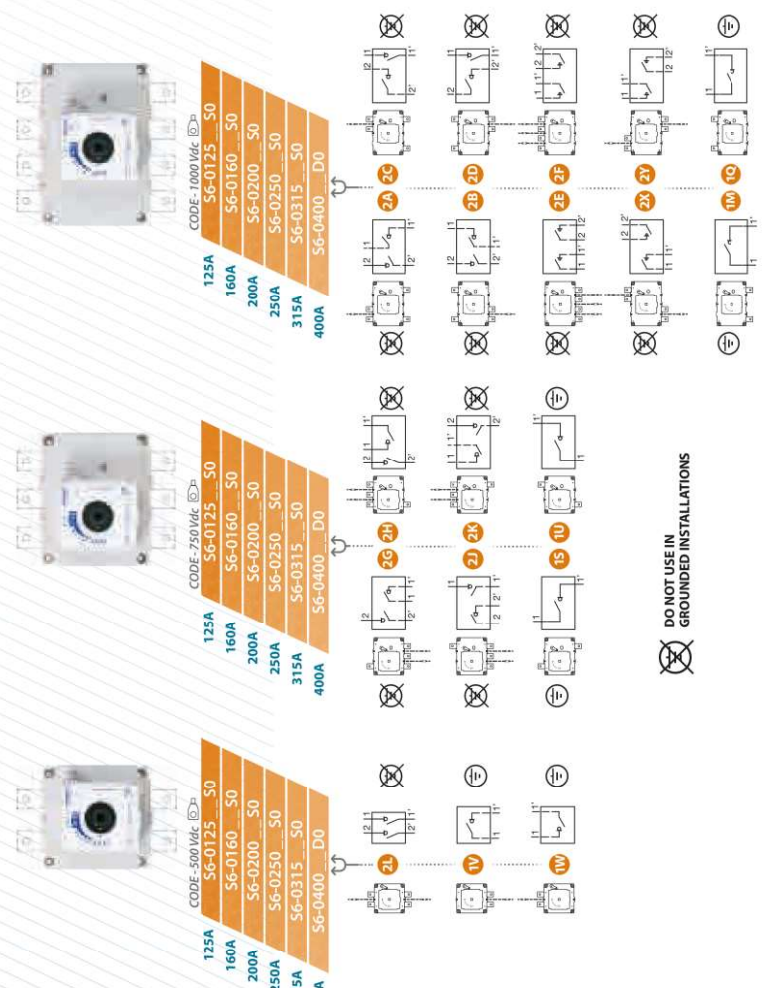
Door drilling for external handle



J	mm
125A	25
160A	25
200A	25
250A	25
315A	25
400A	30

S max	H max	L max	M
(Cu)	(Cu)	(Cu)	Nxm
mm ²	mm	mm	
125A	185	8	25 M10 18
160A	185	8	25 M10 18
200A	185	8	25 M10 18
250A	185	8	25 M10 18
315A	185	8	25 M10 18
400A	240**)	8	30 M10 18

**1) Using phase barriers DR-SF... to maintain the required clearance.



DO NOT USE IN GROUNDED INSTALLATIONS



Technical information

According to IEC 60947-1 IEC 60947-3

		125	160	200	250	315	400
Rated thermal current	Ith 40°C	A 125	160	200	250	315	400
Rated short-circuit making capacity**)	Icm 50°C	A 125	160	200	250	315	400
Rated short-circuit making capacity**)	Icm 60°C	A 125	160	200	250	315	400
Rated insulation voltage (DC)	Ui	V 1500	1500	1500	1500	1500	1500
Rated impulse withstanding voltage (DC)	Uimp	kV 12	12	12	12	12	12
Rated operational current**)	Ie Code 500Vdc	A 125	160	200	250	315	400
	Code 750Vdc	A 125	160	200	250	315	400
	Code 1000Vdc	A 125	160	200	250	315	400

**1) Other voltages and / or utilization categories. Please consult
**2) Without limiting protective device (short-circuit maintained 50... 100 ms).



S6 DC UL Switch - disconnecter for DC current 1P - 2P

Size 1

A 250

500 - 750 - 1000Vdc



Terminal shrouds
 CODE DR-CU11 (1 unit)
 CODE DR-CU12 (1 unit)
 CODE DR-CU13 (1 unit)



External handle included shaft***)
 IP65
 CODE DS-SA11



Phase barriers
 CODE DR-SF11 (1 unit)
 CODE DR-SF12 (2 units)
 CODE DR-SF13 (3 units)

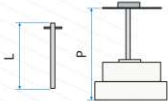


External handle without shaft
 IP65
 CODE DS-SA14



Shafts

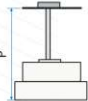
Standard shaft included***)
 L (mm) P (mm)
 227 103...256



Shaft extensions

Type 1
 L (mm) P (mm) CODE
 375 103...415 DS-EP14

Type 2
 L (mm) P (mm) CODE
 536 103...576 DS-EP15



Auxiliary contacts

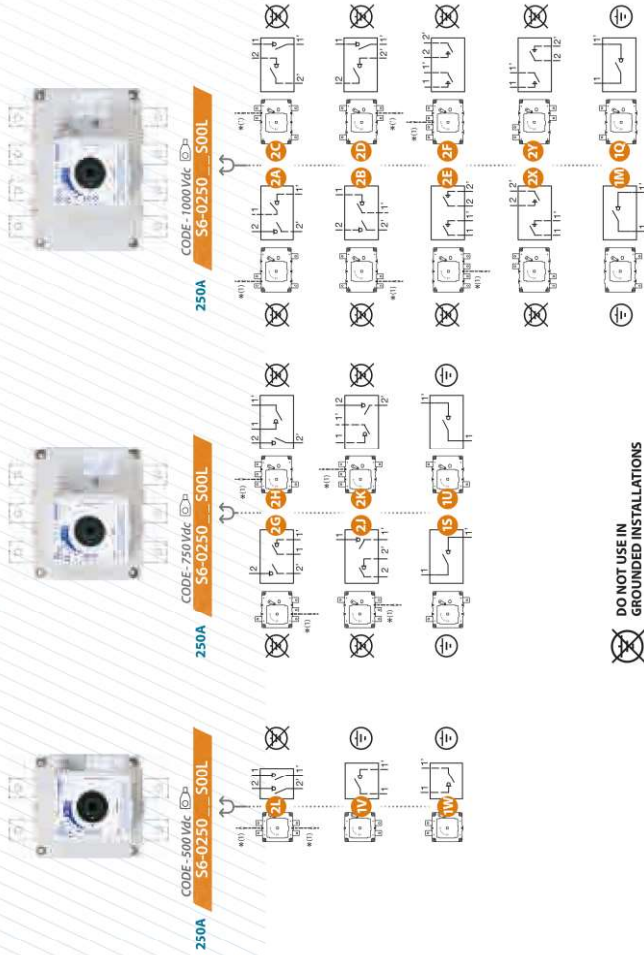
1NO+1NC CODE DSLAU01
 2NO+2NC CODE DSLAU02
 Ie = 16A (resistive loads)
 4A (inductive loads) at 250Vac.



Terminal lug

CODE DR-TL11 (2 units)

***) With Terminal lug use phase barriers DR-SF... to maintain the required clearance. Mandatory in these models



DO NOT USE IN GROUND INSTALLATIONS



Technical information

According to UL988

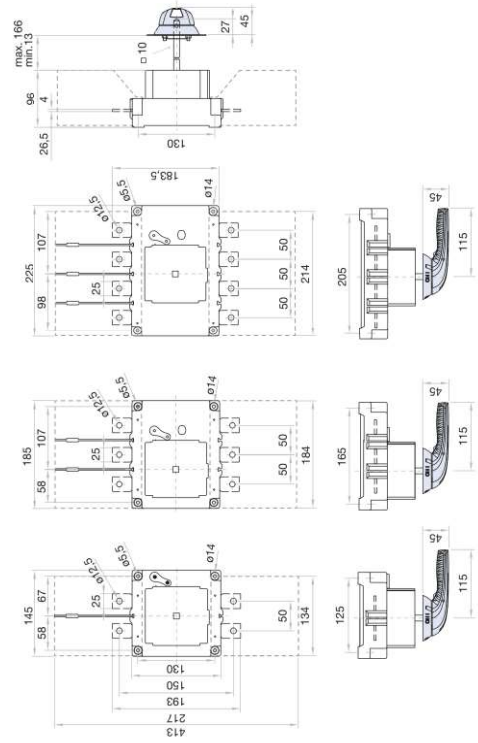
LISTED	E33311	250							
Rated thermal current	Ith	-20°C to +50°C	A	250					Consult according to code
Rated operational current	Ie	Code 500Vdc	A	250					MCM 400
		Code 750Vdc	A	250					MCM 400
		Code 1000Vdc	A	250					MCM 400
Rated short-circuit current	Icc	kA		10					
Maximum weight									
Wiring capacity									
Minimum connection wire range/AWG									MCM 400
Maximum connection wire range/AWG									MCM 400

tests:
AIT
 TQMORROW TODAY

250A
 Conforms to UL988. Minus 20 to +50°C. PV disconnect switch, Location Category B
 1000Vdc 250A. Torque: 139 lbf.in. Short circuit rating: 10kA
 Suitable for Use in PV Systems in accordance with Article 690 of the NEC
 IEC-60947-3 Uimp 12kV DC21B-1000Vdc-250A U1 1500Vdc Ith 250A

Dimensions (mm)

Door drilling for external handle



10-32 UNF TORQUE / PAR 26.55 lb-inch / 3 Nm
 7/8-14 UNF TORQUE / PAR 590 lb-inch / 56 Nm

Copper wire only				
min	85 mm ²	Temperature rating	M 10	18
max	400 kcmil / 240 mm ²		M10	18 159



S6 DC Switch - disconnecter for DC current 1P - 2P

Size 2
A 500/630
500 - 750 - 1000Vdc



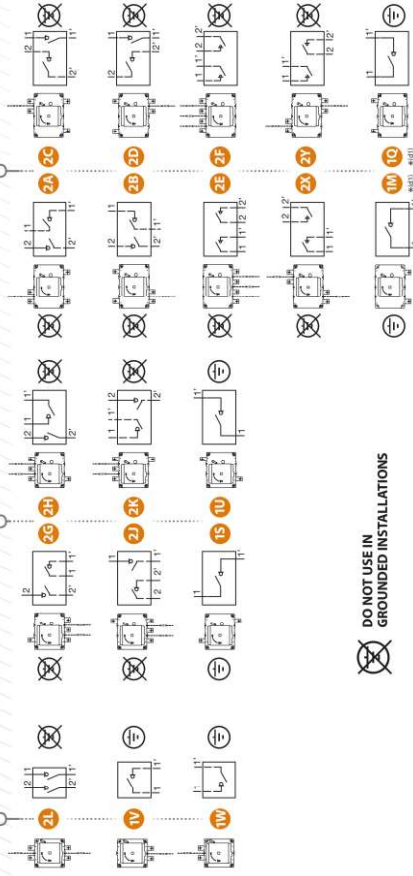
500A
630A
CODE - 500 Vdc 50
SG-0500...S0
SG-0630...S0



500A
630A
CODE - 750 Vdc 50
SG-0500...S0
SG-0630...S0



500A
630A
CODE - 1000 Vdc 50
SG-0500...S0
SG-0630...S0



**101 Only for 500 A.

DO NOT USE IN GROUNDING INSTALLATIONS



Technical information
According to IEC 60947-1
IEC 60947-3

Rated thermal current in ambient at	lth	40°C	A	500	630
Rated insulation voltage (DC)	Ui	500	A	500	630
Rated impulse withstand voltage	Uimp	1500	V	1500	1500
Rated operational current	Ie	Code 500Vdc Code 750Vdc Code 1000Vdc	A	500 500 500	630 630 630
Rated short-circuit making capacity	Icm	10	kA (peak)	10	10
Rated short-time withstand current	Icw	10	kA rms	10	10
Number of mechanical operations (according to the standards, for other values please consult)	Cycles	5000		5000	5000
Maximum weight					Consult according to code

**101 Without limiting protective device (short-circuit maintained 50... 100 ms).

Accessories



Direct handle
CODE DS-LI21



External handle included shaft **101
IP65 CODE DS-LA21



External handle without shaft
IP65 CODE DS-LA24



Terminal shrouds
CODE DR-CU21 (1 unit)
CODE DR-CU22 (1 unit)
CODE DR-CU23 (1 unit)



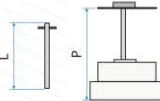
Phase barriers
CODE DR-SF21 (1 unit)
CODE DR-SF22 (2 units)
CODE DR-SF23 (3 units)



Spacers
CODE DR-EL21 (4 units)



Safety key lock device
Simple CODE DS-CB21
Double CODE DS-CF21
(Using phase barriers DR-SF... to maintain the required clearance)

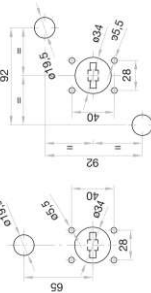


Shafts
Standard shaft included **101
L (mm) P (mm) 195 134...240
Shaft extensions
Type 1
L (mm) P (mm) CODE 345 134...400 DS-EP23
Type 2
L (mm) P (mm) CODE 535 134...560 DS-EP24



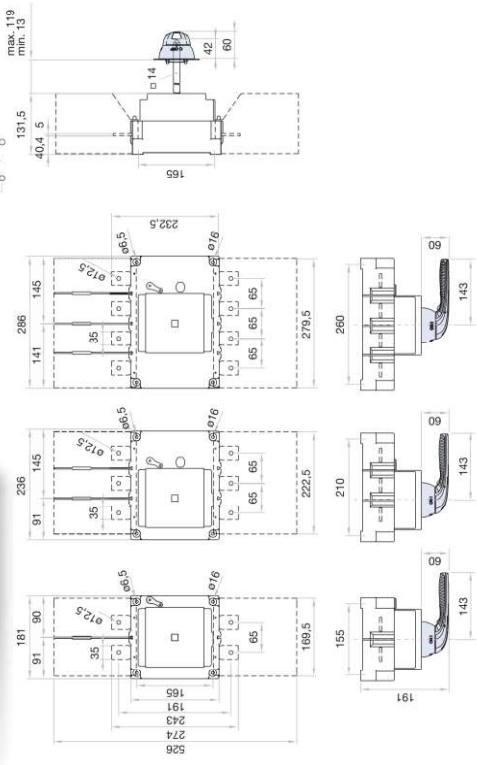
Auxiliary contacts
1NO+1NC CODE DSLAU01
2NO+1NC CODE DSLAU02
Ie = 16A (resistive loads)
4A (inductive loads) at 250 Vac.

Door drilling for handle and key lock device
Simple
Double



Dimensions (mm)

Door drilling for external handle



S max (Cu)	H max (Cu)	L max (Cu)	M
500 A	2x150	2x5	35
630 A	2x185	2x6	35
			M10 24
			M10 24



tests:



S6 DC UL Switch - disconnecter for DC current 1P - 2P

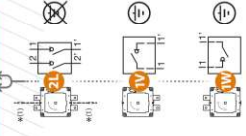
Size 2

A 400

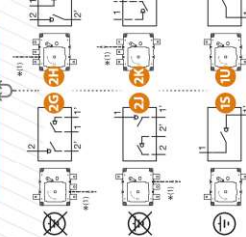
500 - 750 - 1000Vdc



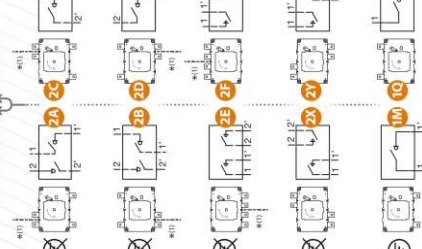
400A CODE 500Vdc S6-0400 - 500L



400A CODE 750Vdc S6-0400 - 500L



400A CODE 1000Vdc S6-0400 - 500L



DO NOT USE IN GROUNDED INSTALLATIONS



Technical information

According to UL98 B

LISTED	E33311
Rated thermal current	400 A
Rated operational current	400 A
Rated short-circuit current	10 kA
Maximum weight	Consult according to code
Wiring capacity	
Minimum connection wire range/AWG	2x300 MCM
Maximum connection wire range/AWG	2x350 MCM

400A
 Conforms to UL98B. Minus 20 to +50°C. PV disconnects switch. Location Category B
 1000 Vdc-400 A torque:212 lbf.in. Short circuit rating: 10 kA
 Suitable for Use in PV Systems in accordance with Article 690 of the NEC
 IEC-60947-3 Uimp 12 kV DC21B - 1000 Vdc - 400 A U1 1500 Vdc Ith-400 A

tests:
ASTM INSTITUTE
 TOMORROW TODAY

Accessories



» **External handle** included shaft ^(*)
 IP65 CODE DS-LA21



» **External handle** without shaft
 IP65 CODE DS-LA24

Shafts

Standard shaft included ^(**)
 L (mm) P (mm)
 195 134...240

Shaft extensions

Type 1 CODE DS-EP23
 L (mm) P (mm)
 345 134...400

Type 2 CODE DS-EP24
 L (mm) P (mm)
 535 134...560



Auxiliary contacts

1NO+1NC CODE D5LAU01
 2NO+2NC CODE D5LAU02
 Ie = 16A (resistive loads)
 4A (inductive loads) at 250 Vac

Terminal shrouds

CODE DR-CU21 (1 unit)
 CODE DR-CU22 (1 unit)
 CODE DR-CU23 (1 unit)

Phase barriers

CODE DR-SF21 (1 unit)
 CODE DR-SF22 (2 units)
 CODE DR-SF23 (3 units)

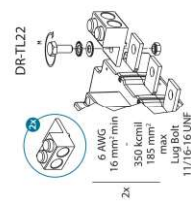
Spacers

CODE DR-EL21 (4 units)

Terminal lug

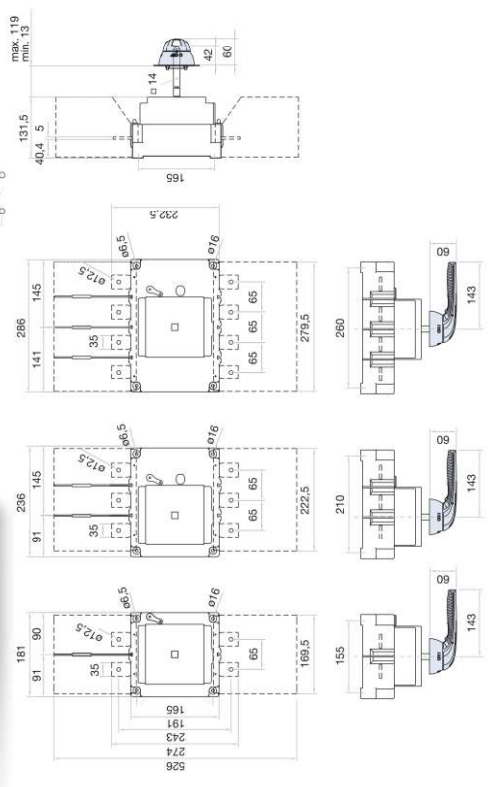
CODE DR-TL22 (2 units)

^(*) With Terminal lug use phase barriers DR-SF... to maintain the required clearance. Mandatory in these models



Door drilling for external handle

Dimensions (mm)



Temperature rating	75°C
Copper wire only M _{1-10%}	Nm Ibs/inch
	M10 24 212



S6N DC Switch - disconnecter for DC current 2P

Size 1
A 125|160|200|250|315|400
1500Vdc



» **Auxiliary contacts**
1NO+1NC CODE D5LAU01
2NO+2NC CODE D5LAU02
Ie = 16A (resistive loads)
4A (inductive loads) at 250 Vac.



» **Direct handle**
CODE DS-S11



» **External handle** included shaft ^(see 1)
IP65
CODE DS-SA11

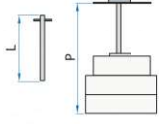


» **External handle** without shaft
IP65
CODE DS-SA14



» **Shafts**

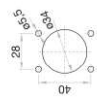
Standard shaft included ^(see 1)
L (mm) 227
P (mm) 185...336



Shaft extensions

Type 1
L (mm) 375
P (mm) 185...497,5
CODE DS-EP14

Type 2
L (mm) 536
P (mm) 185...647
CODE DS-EP15

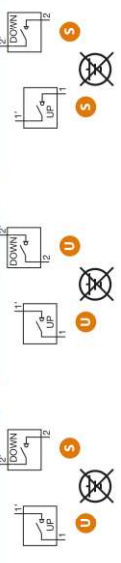


Dimensions (mm)

Door drilling for external handle



Current (A)	CODE - 1500 Vdc			
	S6N0125UJ50	S6N0160UJ50	S6N0200UJ50	S6N0250UJ50
125A	S6N0125SS50	S6N0160SS50	S6N0200SS50	S6N0250SS50
160A	S6N0125UJ50	S6N0160UJ50	S6N0200UJ50	S6N0250UJ50
200A	S6N0125UJ50	S6N0160UJ50	S6N0200UJ50	S6N0250UJ50
250A	S6N0125UJ50	S6N0160UJ50	S6N0200UJ50	S6N0250UJ50
315A	S6N0315UJ50	S6N0315UJ50	S6N0400UJ50	S6N0400UJ50
400A	S6N0400UJ50	S6N0400UJ50	S6N0400UJ50	S6N0400UJ50



Technical information

According to IEC 60947-1
IEC 60947-3

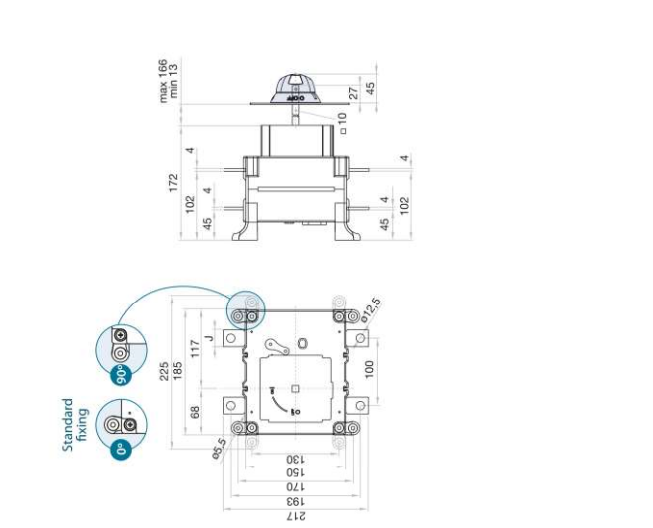
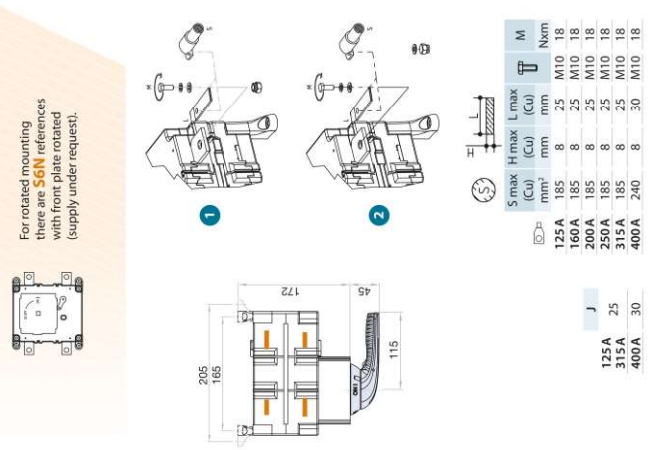
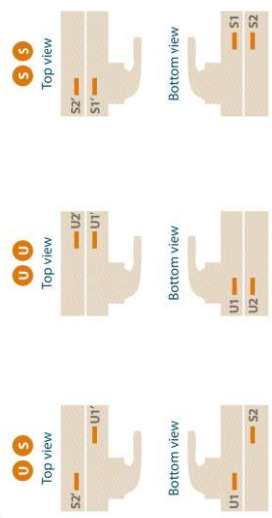
Rated thermal current in ambient at	125 160 200 250 315 400			
	A	A	A	A
40°C	125	160	200	250
50°C	125	160	200	250
60°C	125	160	200	250
70°C	125	160	200	250
Rated insulation voltage (DC)	125	160	200	250
Rated impulse withstand voltage (UI)	125	160	200	250
Rated operational current ⁽¹⁾ DC21B	125	160	200	250
Rated operational current ⁽²⁾ DC21B	125	160	200	250
Rated operational current ⁽³⁾ DC21B	125	160	200	250
Rated operational current ⁽⁴⁾ DC21B	125	160	200	250
Rated operational current ⁽⁵⁾ DC21B	125	160	200	250
Rated operational current ⁽⁶⁾ DC21B	125	160	200	250
Rated operational current ⁽⁷⁾ DC21B	125	160	200	250
Rated operational current ⁽⁸⁾ DC21B	125	160	200	250
Rated operational current ⁽⁹⁾ DC21B	125	160	200	250
Rated operational current ⁽¹⁰⁾ DC21B	125	160	200	250
Rated operational current ⁽¹¹⁾ DC21B	125	160	200	250
Rated operational current ⁽¹²⁾ DC21B	125	160	200	250
Rated operational current ⁽¹³⁾ DC21B	125	160	200	250
Rated operational current ⁽¹⁴⁾ DC21B	125	160	200	250
Rated operational current ⁽¹⁵⁾ DC21B	125	160	200	250
Rated operational current ⁽¹⁶⁾ DC21B	125	160	200	250
Rated operational current ⁽¹⁷⁾ DC21B	125	160	200	250
Rated operational current ⁽¹⁸⁾ DC21B	125	160	200	250
Rated operational current ⁽¹⁹⁾ DC21B	125	160	200	250
Rated operational current ⁽²⁰⁾ DC21B	125	160	200	250
Rated operational current ⁽²¹⁾ DC21B	125	160	200	250
Rated operational current ⁽²²⁾ DC21B	125	160	200	250
Rated operational current ⁽²³⁾ DC21B	125	160	200	250
Rated operational current ⁽²⁴⁾ DC21B	125	160	200	250
Rated operational current ⁽²⁵⁾ DC21B	125	160	200	250
Rated operational current ⁽²⁶⁾ DC21B	125	160	200	250
Rated operational current ⁽²⁷⁾ DC21B	125	160	200	250
Rated operational current ⁽²⁸⁾ DC21B	125	160	200	250
Rated operational current ⁽²⁹⁾ DC21B	125	160	200	250
Rated operational current ⁽³⁰⁾ DC21B	125	160	200	250
Rated operational current ⁽³¹⁾ DC21B	125	160	200	250
Rated operational current ⁽³²⁾ DC21B	125	160	200	250
Rated operational current ⁽³³⁾ DC21B	125	160	200	250
Rated operational current ⁽³⁴⁾ DC21B	125	160	200	250
Rated operational current ⁽³⁵⁾ DC21B	125	160	200	250
Rated operational current ⁽³⁶⁾ DC21B	125	160	200	250
Rated operational current ⁽³⁷⁾ DC21B	125	160	200	250
Rated operational current ⁽³⁸⁾ DC21B	125	160	200	250
Rated operational current ⁽³⁹⁾ DC21B	125	160	200	250
Rated operational current ⁽⁴⁰⁾ DC21B	125	160	200	250
Rated operational current ⁽⁴¹⁾ DC21B	125	160	200	250
Rated operational current ⁽⁴²⁾ DC21B	125	160	200	250
Rated operational current ⁽⁴³⁾ DC21B	125	160	200	250
Rated operational current ⁽⁴⁴⁾ DC21B	125	160	200	250
Rated operational current ⁽⁴⁵⁾ DC21B	125	160	200	250
Rated operational current ⁽⁴⁶⁾ DC21B	125	160	200	250
Rated operational current ⁽⁴⁷⁾ DC21B	125	160	200	250
Rated operational current ⁽⁴⁸⁾ DC21B	125	160	200	250
Rated operational current ⁽⁴⁹⁾ DC21B	125	160	200	250
Rated operational current ⁽⁵⁰⁾ DC21B	125	160	200	250



DO NOT USE IN GROUNDED INSTALLATIONS

Short-circuit behaviour			
Rated short-circuit making capacity ⁽¹⁾	1cm	kA (peak)	10
Rated short-time withstand current ⁽²⁾	1cm	kA ms	10
Mechanical features			
Number of mechanical operations (according to the standards, for other values please consult)	Cycles		8000
Maximum weight	kg		4,25

Terminals location



S max	H max	L max	M
(Cu)	(Cu)	(Cu)	Nxm
125A	185	8	25 M10 18
160A	185	8	25 M10 18
200A	185	8	25 M10 18
250A	185	8	25 M10 18
315A	185	8	25 M10 18
400A	240	8	30 M10 18

J	
125A	25
400A	30

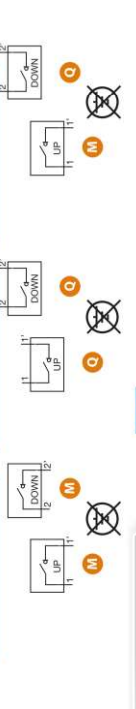
S6N DC

Switch - disconnecter for DC current 2P

Size 1
A 125|160|200|250|315|400
1500Vdc



Current (A)	Code	Rated Voltage (Vdc)
125A	S6N0125MMS0	1500
160A	S6N0160MMS0	1500
200A	S6N0200MMS0	1500
250A	S6N0250MMS0	1500
315A	S6N0315MMS0	1500
400A	S6N0400MMS0	1500



Technical information

According to IEC 60947-1
IEC 60947-3

Rated thermal current in ambient at	125	160	200	250	315	400			
40°C	A	125	160	200	250	315			
50°C	A	125	160	200	250	315			
60°C	A	125	160	200	250	315			
70°C	A	125	160	200	250	315			
Rated insulation voltage (DC)	Uimp	125	160	200	250	315			
Rated impulse withstand voltage	Ue	1500	1500	1500	1500	1500			
Rated operational current ⁽¹⁾ DC21B	Ie	1500Vdc	A	125	160	200	250	315	400



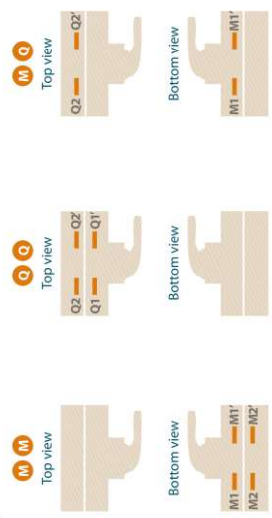
tests:
AIT
ASTRAN INSTITUTE
TOMORROW TODAY

DO NOT USE IN GROUNDED INSTALLATIONS

Short-circuit behaviour	
Rated short-circuit making capacity ⁽²⁾	Icm kA (peak) 10
Rated short-time withstand current ⁽³⁾	Icw kA rms 10
Mechanical features	
Number of mechanical operations (according to the standards, for other values please consult)	Cycles 8000
Maximum weight	kg 4,29

⁽¹⁾ Other voltages and / or utilization categories. Please consult
⁽²⁾ Without limiting protective device (short-circuit maintained 50... 100 ms).

Terminals location



Accessories



Direct handle
CODE DS-S11

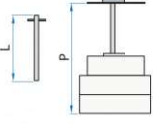


External handle
IP65 included shaft⁽¹⁾
CODE DS-SA11



External handle
IP65 without shaft
CODE DS-SA14

Auxiliary contacts
1NO+1NC CODE DS-LAU01
2NO+2NC CODE DS-LAU02
Ie = 16A (resistive loads)
4A (inductive loads) at 250 Vac.

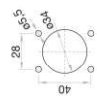


Shafts

Standard shaft included⁽¹⁾
L (mm) 227
P (mm) 185...336

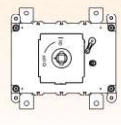
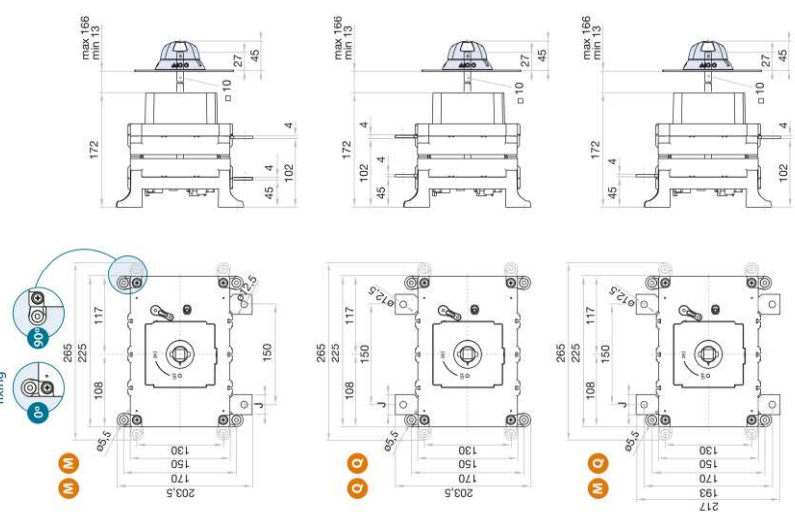
Shaft extensions

Type 1 CODE DS-EP14
L (mm) 375
P (mm) 185...497,5
Type 2 CODE DS-EP15
L (mm) 536
P (mm) 185...647

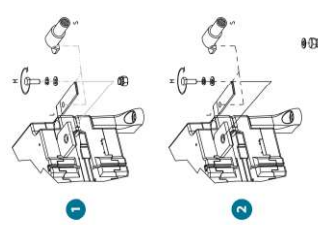


Dimensions (mm)

Door drilling for external handle



For rotated mounting there are S6N references with front plates rotated (supply under request).



S max (Cu)	H max (Cu)	L max (Cu)	Nxm
125A	185	8	25 M10 18
160A	185	8	25 M10 18
200A	185	8	25 M10 18
250A	185	8	25 M10 18
315A	185	8	25 M10 18
400A	240	8	30 M10 18

J	
125A	25
400A	30



S6R DC Switch - disconnecter base mounting 1P-2P

Size 1
A 160/200/250/315/400
1500Vdc



» **Auxiliary contacts**
1NO+1NC CODE D5LAU01
2NO+2NC CODE D5LAU02
Ie = 16 A (resistive loads)
4 A (inductive loads) at 250 Vdc.

» **Direct handle**
CODE DS-S11

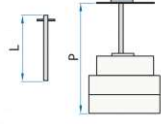


» **External handle** included shaft *661
IP65 CODE DS-SA11



» **Shafts**

Standard shaft included *661
L (mm) P (mm)
227 179...398,5



Shaft extensions

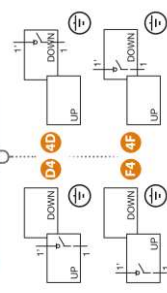
Type 1 CODE
L (mm) P (mm) DS-EP14
375 179...546,5
Type 2 CODE
L (mm) P (mm) DS-EP15
536 179...707,5



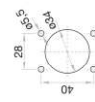
CODE 1P *661
160 A S6R0160_S0
200 A S6R0200_S0
250 A S6R0250_S0
315 A S6R0315_S0
400 A S6R0400_D0



CODE 2P *661
160 A S6R0160_S0
200 A S6R0200_S0
250 A S6R0250_S0
315 A S6R0315_S0
400 A S6R0400_D0



Dimensions (mm)



Door drilling for external handle

Technical information

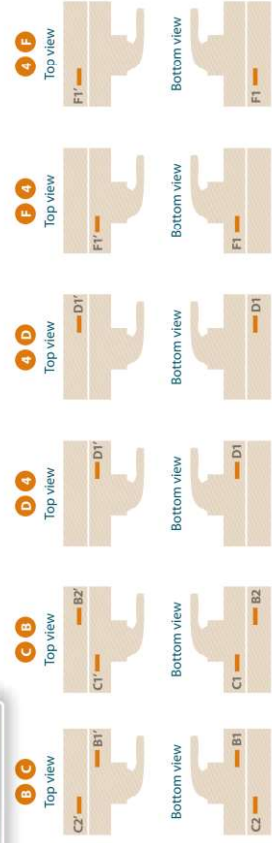
According to IEC 60947-1
IEC 60947-3

	160	200	250	315	400		
Rated thermal current I _{th} in ambient at 40°C up to 80°C	A	160	200	250	315	400	
Rated insulation voltage (DC)	U _i	V	1500	1500	1500	1500	
Rated impulse withstand voltage (DC21B)	U _{imp}	kV	12	12	12	12	
Rated operational current *61)	I _e	A	160	200	250	315	400

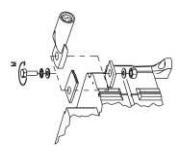
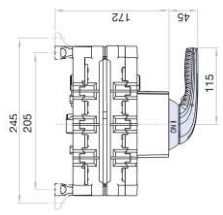
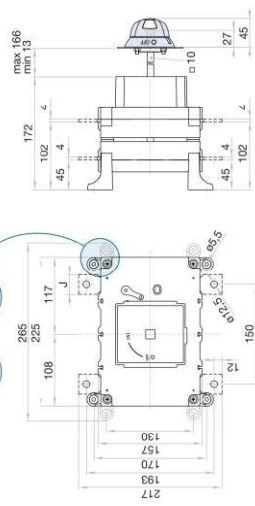
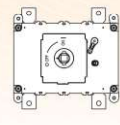
Short-circuit behaviour				
Rated short-circuit making capacity *62)	I _{cm}	kA (peak)	10	10
Rated short-time withstand current (I _{sec})	I _{sw}	kA rms	10	10
Number of mechanical operations (according to the standards, for other values please consult)	Cycles		8000	8000

DO NOT USE IN GROUNDED INSTALLATIONS

Terminals location



For rotated mounting there are **S6R** references with front plate rotated (supply under request).



S max (Cu)	H max (Cu)	L max (Cu)	M ^{30x}				
			Nom	T			
mm	mm	mm	mm	mm			
160 A	25	160 A	185	8	25	M12	24
200 A	25	200 A	185	8	25	M12	24
250 A	25	250 A	185	8	25	M12	24
315 A	25	315 A	185	8	25	M12	24
400 A	30	400 A	240	8	30	M12	24



S6R DC UL Switch - disconnecter for DC current 1P - 2P

Size 1

A 250 | 320 | 400

1500Vdc

Accessories



External handle included shaft ^(*)
IP65
CODE DS-SA11



Auxiliary contacts
1NO+1NC CODE DS-LAU01
2NO+2NC CODE DS-LAU02
Ie = 16A (resistive loads)
4A (inductive loads) at 250 Vac.



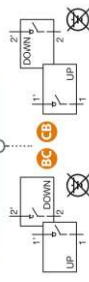
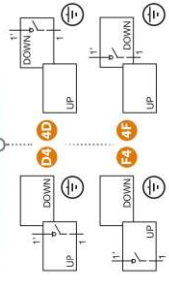
CODE 1P

250 A S6R0250 S00L
320 A S6R0320 S00L
400 A S6R0400 D00L



CODE 2P

250 A S6R0250 S00L
320 A S6R0320 S00L
400 A S6R0400 D00L



Technical information

According to UL98 B

LISTED	250	320	400
E33311	A	A	A
Rated thermal current	Ith -20°C to 50°C	250	320
Rated operational current	Ie 1500Vdc	250	320
Rated short-time withstand current (0.05 sec) Icw	kA	10	10
Maximum weight	Consult according to code		
Wiring capacity	mm ²	2x 4x30	2x 4x32
Minimum busbar connection range		2x 4x30	2x 4x32

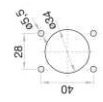


DO NOT USE IN GROUNDED INSTALLATIONS

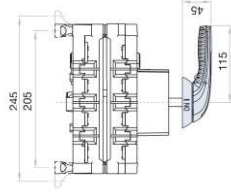
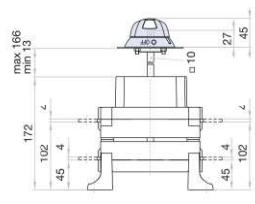
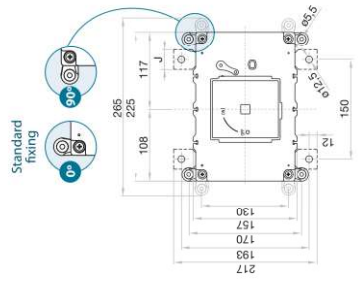
Conforms to UL98B, Minus -20 to 50°C, PV disconnect switch, Location Category B
Suitable for use in PV Systems in accordance with Article 690 of the NEC

Patent USA
N.º 9.899,159 B2

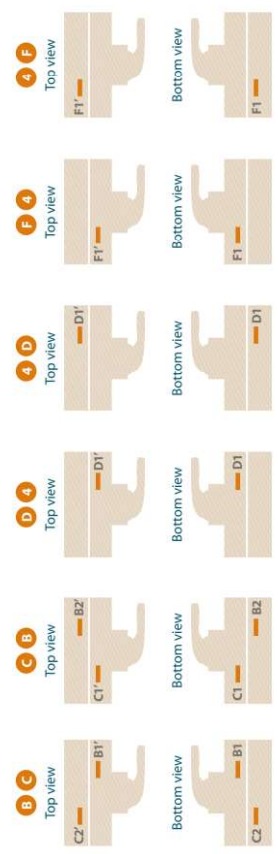
Dimensions (mm)



Door drilling for external handle



Terminals location



J	H max (Cu)	L max (Cu)	M
250 A	25	4	M12
320 A	30	4	M12
400 A	30	4	M12