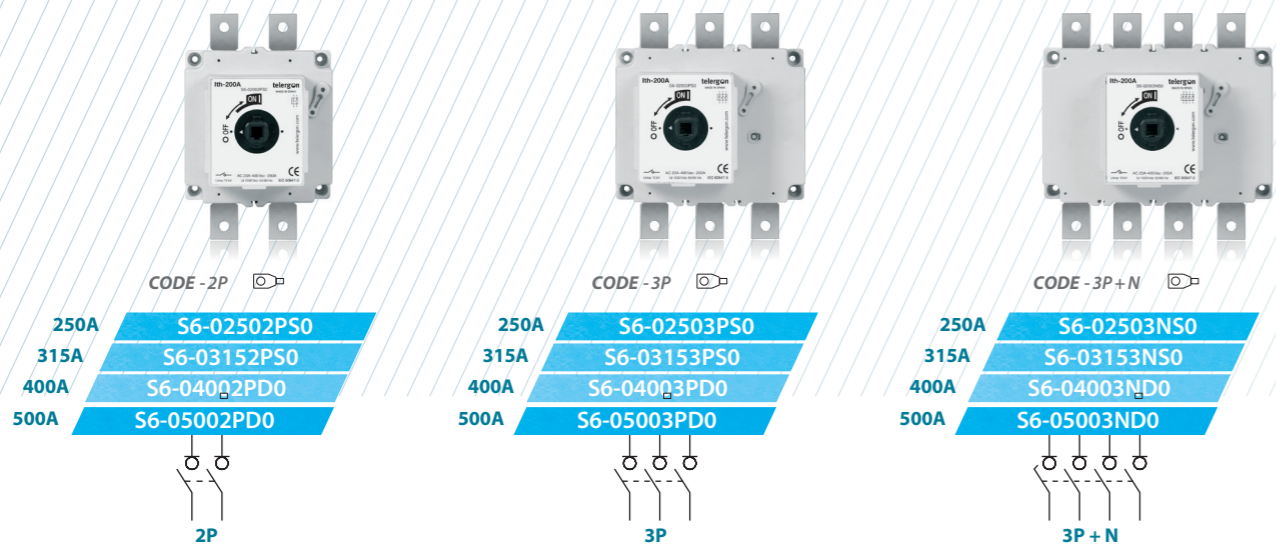


S6 AC Switch - disconnecter base mounting 2P - 3P - 3P+N

Size 1

A 250|315|400|500



Accessories

- Direct handle**
 CODE DS-SI11
- External handle** included shaft^{*(e1)}
 IP65
 CODE DS-SA11
- External handle** without shaft
 IP65
 CODE DS-SA14
- Emergency external handle** included shaft^{*(e1)}
 IP65
 CODE DS-SR11
- 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.
- Shafts**
Standard shaft included^{*(e1)}
 L (mm) | P (mm) | CODE
 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 = 16 A (resistive loads)
 4 A (inductive loads) at 250 Vac.

Technical information



According to IEC 60947-3

tests:

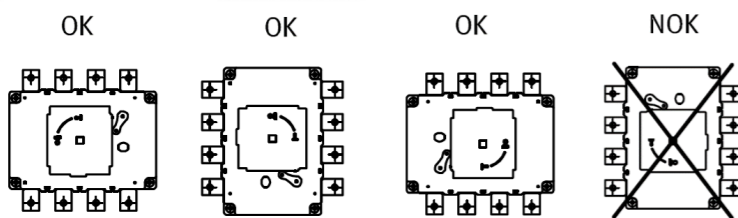


		250 315 400 500				
Rated thermal current in ambient at	Ith 40°C	A	250	315	400	500
	50°C	A	250	315	400	500
	60°C	A	250	315	400	500
Rated insulation voltage	Ui	V	1000	1000	1000	1000
Rated impulse withstand voltage	Uimp	kV	12	12	12	12
AC Rated operational current ^{*(1)}	Ie Triphasic Ue 400V AC23A	A	250	315	400	500
	Ue 690V AC21A	A	250	315	400	500
Rated breaking capacity	400V, cos φ=0,35-0,45	A	2000	2520	3200	3200
	400V, cos φ=0,45	A	2500	3150	4000	4000

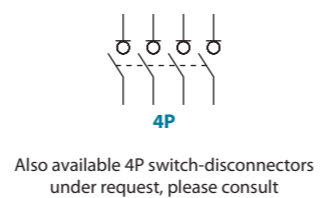
		250 315 400 500			
Short-circuit behaviour					
Rated short-circuit making capacity ^{*(2)}	Icm kA (peak)	20	20	20	20
Rated short-time withstand current (1sec)	Icw kA rms	12	12	12	12
Mechanical features					
Number of mechanical operations (according to the standards, for other values please consult)	Cycles	8000	8000	8000	8000
Maximum weight 2P	kg	1,65	1,65	1,68	1,68
Maximum weight 3P	kg	2,17	2,17	2,21	2,21
Maximum weight 3P+N	kg	2,70	2,70	2,76	2,76

^{*(1)} Other voltages and / or utilization categories. Please consult
^{*(2)} Without limiting protective device (short-circuit maintained 50... 100 ms.)
^{*(3)} 3P/3P+N

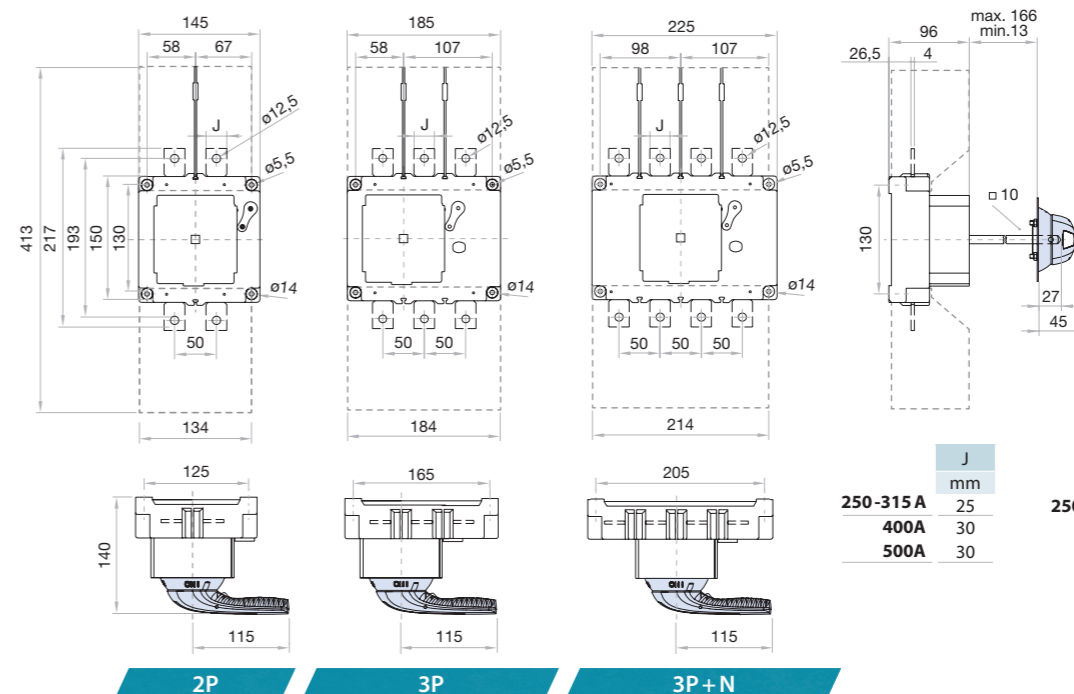
Mounting positions



Warning: For the acceptable mounting positions, please consult the installation instructions. Do not install at 270 degrees orientation.



Dimensions (mm)



S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	M	M	
250-315 A	185	8	25	M12	24
400 A	240	8	30	M12	24
500 A	2x150	2x7	30	M12	24

^{*(e1)} Using phase barriers DR-SF__ to maintain the required clearance.

S6 AC Switch - disconnecter base mounting 2P - 3P - 3P+N

Size 2
A 630|800



CODE-2P

630A S6-06302PS0
800A S6-08002PDD

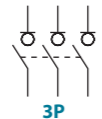


2P



CODE-3P

630A S6-06303PS0
800A S6-08003PDD

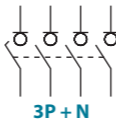


3P



CODE-3P+N

630A S6-06303NS0
800A S6-08003NDD



3P+N

Technical information



tests:

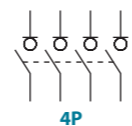


According to IEC 60947-3

		630	800
Rated thermal current in ambient at	lth 40° C	A 630	800
	50° C	A 630	800
	60° C	A 630	800
Rated insulation voltage	Ui	V 1000	1000
Rated impulse withstand voltage	Uimp	kV 12	12
AC Rated operational current ⁽¹⁾	le Triphasic Ue 400V AC23A	A 630	800
	Ue 690V AC21A	A 630	630
	Ue 800V AC21B	A 630 ⁽³⁾	
Rated breaking capacity	400V, cos φ=0,35-0,45	A 5040	6400
Rated making capacity	400V, cos φ=0,45	A 6300	8000

⁽¹⁾ Other voltages and / or utilization categories. Please consult
⁽²⁾ Without limiting protective device (short-circuit maintained 50... 100 ms.)
⁽³⁾ 3P/3P+N

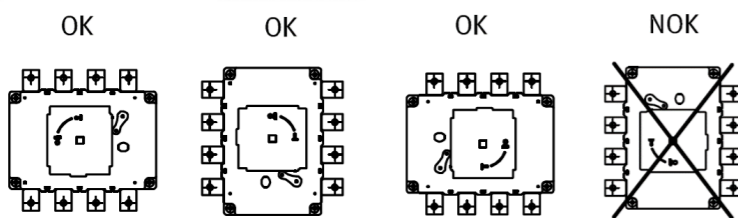
	630	800
Short - circuit behaviour		
Rated short-circuit making capacity ⁽²⁾	Icm kA (peak)	26 26
Rated short-time withstand current (1sec)	Icw kA rms	16 16
Mechanical features		
Number of mechanical operations (according to the standards, for other values please consult)	Cycles	5000 5000
Maximum weight 2P	kg	3,91 3,91
Maximum weight 3P	kg	4,76 4,76
Maximum weight 3P+N	kg	5,70 5,70



4P

Also available 4P switch-disconnectors under request, please consult

Mounting positions



Warning: For the acceptable mounting positions, please consult the installation instructions. Do not install at 270 degrees orientation.



Accessories



Direct handle
CODE DS-LI21



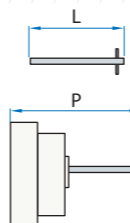
External handle included shaft ^(e1)
IP65
CODE DS-LA21



External handle without shaft
IP65
CODE DS-LA24



Emergency external handle included shaft ^(e1)
IP65
CODE DS-LR21



Shafts
Standard shaft included ^(e1)
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



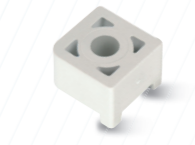
Auxiliary contacts
1NO+1NC CODE DSLAU01
2NO+2NC CODE DSLAU02
Ie = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.



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



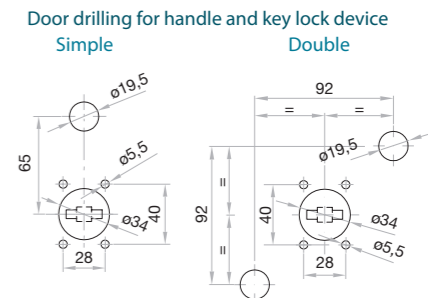
Phase barriers
CODE DR-SF21 (1 unit)
CODE DR-SF22 (2 units)
CODE DR-SF23 (3 units)



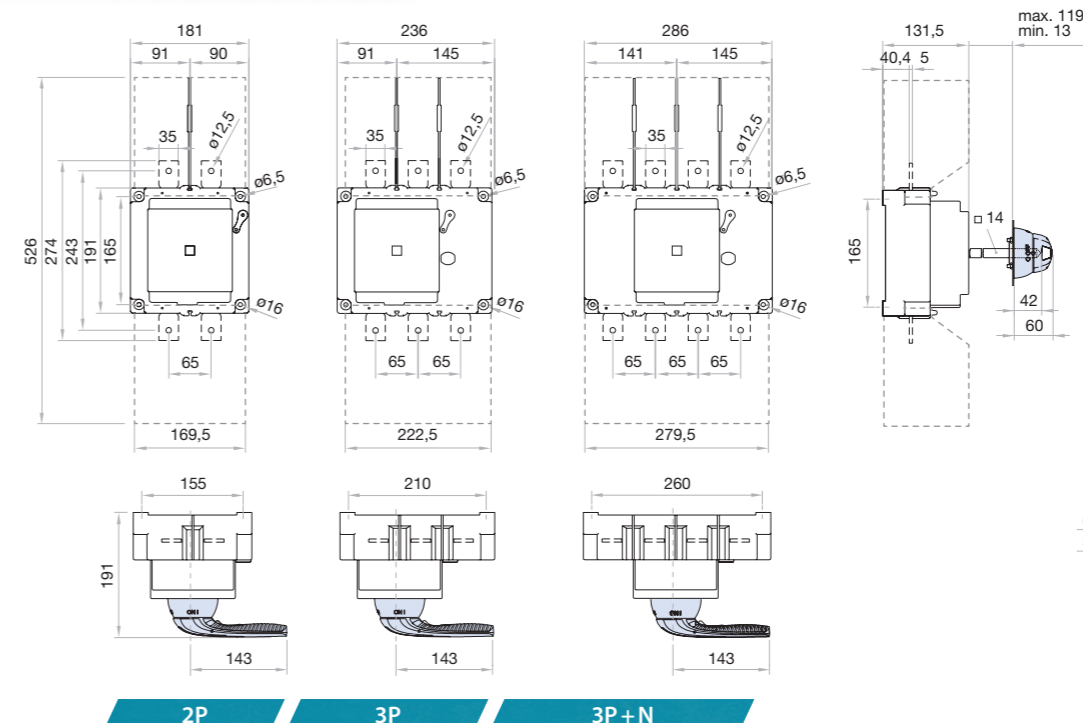
Spacers
CODE DR-EL21 (4 units)



Safety key lock device
Simple CODE DS-CB21
Double CODE DS-CF21
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



Dimensions (mm)



	S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	M	M
				Nxm	Nxm
630 A	2x185	2x6	35	M12	24
800 A	2x240	2x7	35	M12	24