

AC Switch - disconnectors

series
S5|S5M|S5N

series
S6|S6N

series
CIS

Switch - disconnectors with high operating load capacity and a high level disconnection insulation; high reliability and safety in abnormal situations, available in different construction models, with a wide range of currents and several accessories.



The switch - disconnectors in its different series, are manufactured with high safety self-extinguishing materials, providing an excellent level of electrical insulation, low smoke emission and high resistance to electromechanical stress.

They comply with environmental requirements and undergo strict quality controls for a reliable product that meets the most demanding requirements.

They consist of a sandwich-type body containing self-cleaning blade type contacts, with pre-arc zones to ensure long term, fault-free energy transmission and coated with silver alloy for long electromechanical life. The detent mechanism provides quick and independent switching due to the accumulation of elastic potential energy, which is transmitted at high speed to the contacts for arc extinction.

Functional and ergonomic handle

- > Good grip and excellent torque/resistance
- > Padlockable handle in **OFF** position (up to three locks Ø 5-8 mm)
- > Door interlock in **ON** position
- > When lock in **OFF** position, door is interlocked
- > Defeatable feature in **ON** position (with the use of a tool for maintenance operations). Handle interlock is restored when closing
- > Self-centering shaft for door handle

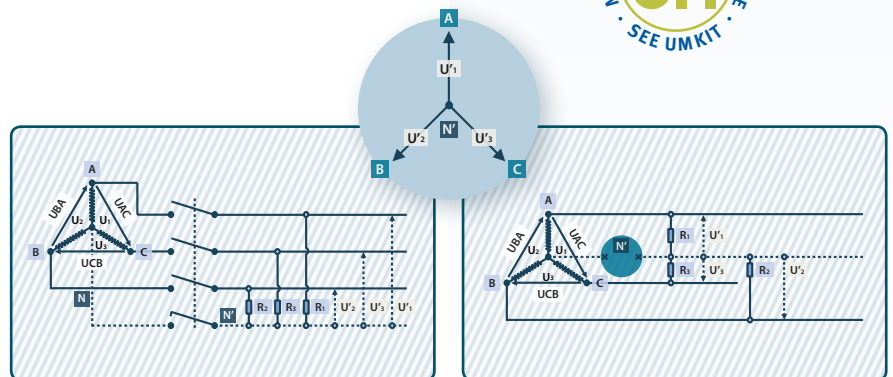


Neutral pole early make & late break

N
|
N

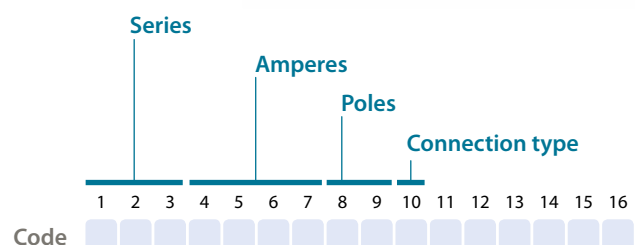
This safety feature prevents accidental overvoltage when making/breaking of loads connected between phase and neutral.

Due to the design in our 3P+N switch - disconnectors and changeover switches, the neutral contact closes before the main phases and opens later, thus ensuring this operation mode.



Range codification:

The **S5|S5M|S5N|S6|S6N** series, are identified by a code that describes their most important characteristics as described below.



According to:

IEC 60947-3

IEC 61439-2

RoHS



Testing and approvals:

series
S5



1 2 3 4 5 6
S 5 -

Wide range of currents.
Base mounting with screws.
Switching under load up to 1000Vac (inductive and capacitive).
Breaking current up to 8 times the operational current.
Able to establish and withstand short-circuit currents up to 100kA.
External or direct handles.

series
S5M



1 2 3 4 5 6
S 5 M

Back to back with operating mechanism in side, arrangement to increase the number of available contacts between 6 or 8.
Base mounting with screws.
External or direct handles.

series
S5N



1 2 3 4 5 6
S 5 N

Back to back with operating mechanism in front, arrangement to increase the number of available contacts between 6 or 8.
Base mounting with screws.
External or direct handles.

series
S6



1 2 3 4 5 6
S 6 -

Switch - disconnectors with housings for 2P - 3P or 3P+N.
Base mounting with screws.
External or direct handles.
Wide range of devices and accessories.

series
S6N



1 2 3 4 5 6
S 6 N

Back to back with operating mechanism in front, arrangement to increase the number of available contacts between 6 or 8.
Base mounting with screws.
External or direct handles.

series
CIS25D



IP65

1 2 3 4 5 6 7
C I S 2 5 D

S5 polyester enclosed switch.
External padlockable handle with locking cover in ON I position.
Removing cover blocked by padlock when handle is in 0 OFF position.

series
CIS25C



IP65

1 2 3 4 5 6 7
C I S 2 5 C

S5 metal enclosed switch.
External padlockable handle with locking door in ON I position.
Door opening blocked by padlock when handle is in 0 OFF position.

series
CIS25A



IP43

IP65

1 2 3 4 5 6 7
C I S 2 5 A

S5 polyester enclosed switch and fuse holders.
External padlockable handle with locking cover in ON I position.
Removing cover blocked by padlock when handle is in 0 OFF position.

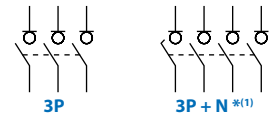
series
CIS25F



IP65

1 2 3 4 5 6 7
C I S 2 5 F

S5 metal enclosed switch and fuse holders.
External padlockable handle with locking door in ON I position.
Door opening blocked by padlock when handle is in 0 OFF position.



S5
S5N

S5 switches 2, 3 & 4 poles (40 - 6300A) (O - I)

Manual handle



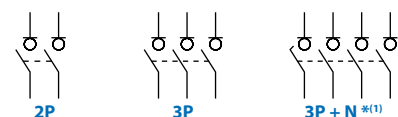
S5



S5N

Amp.	Size	Connection	2 pole (2P)	3 pole (3P)	4 pole (3P + N) ⁽¹⁾	External ⁽²⁾	Direct	Emergency external ⁽²⁾
			Code	Code	Code	Code	Code	Code
40	00		S5-00402PB0	S5-00403PB0	S5-00403NB0	DS-SA01	DS-SI01	DS-SR01
63			S5-00632PB0	S5-00633PB0	S5-00633NB0			
80			S5-00802PB0	S5-00803PB0	S5-00803NB0			
125	0		S5-01252PB0	S5-01253PB0	S5-01253NB0	DS-SA01	DS-SI01	DS-SR01
125			S5-01252PS0	S5-01253PS0	S5-01253NS0			
160			S5-01602PB0	S5-01603PB0	S5-01603NB0			
160			S5-01602PS0	S5-01603PS0	S5-01603NS0			
200			S5-02002PS0	S5-02003PS0	S5-02003NS0			
250	1		S5-02502PD0	S5-02503PD0	S5-02503ND0	DS-SA11	DS-SI11	DS-SR11
250			S5-02502PR0	S5-02503PR0	S5-02503NR0			
315			S5-03152PR0	S5-03153PR0	S5-03153NR0			
400			S5-04002PC0	S5-04003PC0	S5-04003NC0			
500	2		-	S5-05003PR0	S5-05003NR0	DS-LA21	DS-LI21	DS-LR21
630			-	S5-06303PR0	S5-06303NR0			
800			-	S5-08003PC0	S5-08003NC0			
800	3		-	S5-08003PR0	S5-08003NR0	DS-LA31	DS-LI31	DS-LR31
1000			-	S5-10003PC0	S5-10003NC0			
1250			-	S5-12503PC0	S5-12503NC0			
2000	4		-	S5-20003PC0	S5-20003NC0	DS-LA41	DS-LI41	DS-LR41
1000			-	S5-10003PS0	S5-10003NS0			
1250			-	S5-12503PS0	S5-12503NS0			
1600			-	S5-16003PS0	S5-16003NS0			
1800			-	S5-18003PS0	S5-18003NS0			
2000	5		-	S5-20003PD0	S5-20003ND0	DS-LA41	DS-LI41	DS-LR41
2000			-	S5N20003PS0	S5N20003NS0			
2500			-	S5N25003PS0	S5N25003NS0			
3150			-	S5N31503PS0	S5N31503NS0			
2000			-	S5N20003PP0	S5N20003NP0			
2500	(S5N)		-	S5N25003PP0	S5N25003NP0	DS-EN61 ⁽³⁾	-	-
3150			-	S5N31503PP0	S5N31503NP0			
4000			-	S5-40003PP0	S5-40003NP0			
5000	6		-	S5-50003PP0	S5-50003NP0	DS-EN61 ⁽³⁾	-	-
6300			-	S5-63003PP0	S5-63003NP0			

For high performance range (800Vac), please consult the corresponding full details.



S6

S6 switches 2, 3 & 4 poles (200 - 800A) (O - I)

Manual handle



Amp.	Size	Connection	Bipolar (2P)	3 pole (3P)	4 pole (3P + N) ⁽¹⁾	External ⁽²⁾	Direct	Emergency external ⁽²⁾
			Code	Code	Code	Code	Code	Code
200	1		S6-02002PS0	S6-02003PS0	S6-02003NS0	DS-SA11	DS-SI11	DS-SR11
250			S6-02502PS0	S6-02503PS0	S6-02503NS0			
315			S6-03152PS0	S6-03153PS0	S6-03153NS0			
400	2		S6-04002PD0	S6-04003PD0	S6-04003ND0	DS-LA21	DS-LI21	DS-LR21
500			S6-05002PS0	S6-05003PS0	S6-05003NS0			
630			S6-06302PS0	S6-06303PS0	S6-06303NS0			
800			S6-08002PD0	S6-08003PD0	S6-08003ND0			

For high performance range (800Vac), please consult the corresponding full details.

⁽¹⁾ Neutral pole early make-late break - Versions 4P with "simultaneous contacts" are also available, please consult.

⁽²⁾ Padlockable handle in OFF 0 position. Possibility of unlocking the door in ON I position (with the use of a tool). Door interlock by a padlock in OFF 0 position.

⁽³⁾ Slide bar handle, only standard door interlock, please consult the corresponding full details.



Please indicate in your order the switch code and the handle code, as these both products are managed separately. A standard shaft is included with the handle.



Shaft extensions ^{*(4)}				Bridging links ^{*(P2)}	Auxiliary contacts ^{*(5)}		DIN rail mounting	Safety key lock device ^{*(6)}		Terminal protection ^{*(7)}	Terminal shrouds ^{*(7)} (1 unit)			Terminal shrouds ^{*(7)} (2 units)	 Full details in page										
Size		Type 1 & 2		Code (4 units)	1NO+1NC	2NO+2NC	Code (2 units)	Simple	Double	Code	Up	Down	Up or Down	Code											
		L	Code ^{*(e1)}		Code	Code		Code ^{*(e1)}	Code ^{*(e1)}		3P	3P	4P			Code									
00	7	250	DS-EP04	-	D5LAU01	D5LAU02	-	DS-CAB1	DS-CEB1	-	-	-	-	-	70										
		387	DS-EP05																						
0	7	250	DS-EP04	-	D5LAU01	D5LAU02	DS-DN01	DS-CAB1	DS-CEB1	DS-CU01	-	-	-	-	72										
		387	DS-EP05				-				DS-CU02	DS-CU03	DS-CU04												
							-				-	-													
							-				DS-CU02	DS-CU03	DS-CU04												
							-				DS-CU05	DS-CU06	DS-CU07												
							-				DS-CU05	DS-CU06	DS-CU07												
1	10	375	DS-EP14	-	D5LAU01	D5LAU02	-	DS-CA11	DS-CE11	DS-CU12	-	-	-	DS-CU11	74										
		536	DS-EP15											DS-CU11											
														-											
2	14	345	DS-EP23	-	D5LAU01	D5LAU02	-	DS-CB21	DS-CF21	DS-CU22	-	-	-	DS-CU21	76										
		535	DS-EP24																						
3	14	345	DS-EP23	-	D5LAU01	D5LAU02	-	DS-CB31	DS-CF31	-	-	-	-	DS-CU31	78										
		535	DS-EP24																						
		345	DS-EP23																						
		535	DS-EP24	D5LPC32	DS-AU11	DS-AU12																			
4	14	485	DS-EP44	-	D5LAU01	D5LAU02	-	DS-CB41	DS-CF41	-	-	-	-	DS-CU41	80										
		635	DS-EP45																						
5 (S5N)	-	-	-	D5LPC41	D5LAU01	D5LAU02	-	DS-CB41	DS-CF41	-	-	-	-	-	82										
				D5LPC41																					
				D5LPC42																					84
				-																					
6	-	-	-	-	DS-AU11	DS-AU12	-	-	-	-	-	-	-	-	86										

^{*(P2)} To comply with the operation and electrical features, the bridging links must be assembled to the switch. Please consult.



Shaft extensions ^{*(4)}			Auxiliary contacts ^{*(5)}		Safety key lock device ^{*(6)}		Spacers	Phase barriers			Terminal shrouds ^{*(7)}			Full details in page
□	Type 1 & 2		1NO+1NC	2NO+2NC	Simple	Double	(4 units)	(1 unit)	(2 units)	(3 units)				
	L	Code ^{*(e1)}	Code	Code	Code ^{*(e1)}	Code ^{*(e1)}	Code	Code	Code	Code	Code	Code	Code	
10	375	DS-EP14	D5LAU01	D5LAU02	DS-CA11	DS-CE11	DR-EL11	DR-SF11	DR-SF12	DR-SF13	DR-CU11	DR-CU12	DR-CU13	88
	536	DS-EP15												
14	345	DS-EP23	D5LAU01	D5LAU02	DS-CB21	DS-CF21	DR-EL21	DR-SF21	DR-SF22	DR-SF23	DR-CU21	DR-CU22	DR-CU23	90
	535	DS-EP24												

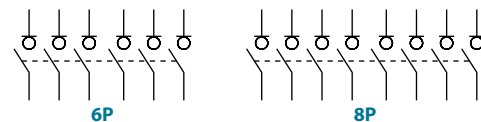
^{*(4)} A standard shaft is included with the external handle.

^{*(5)} To be used as signalling or control contacts – I_e = 16A (resistive loads) 4A (inductive loads) at 250 Vac. Whilst closing, it switches after the main contacts. Whilst opening, it switches before the main contacts.

^{*(6)} Handle interlock in OFF 0 position by means of a key, that only can be removed when the handle is unlocked. Interlocking in other positions available upon request.

^{*(7)} One set or one unit for input or output. Terminals shrouds for **S5N** only for frontal switch. These accessories aren't compatible with each other.

^{*(e1)} All these codes are related to the new handle , in case of replacements for old design handles, please consult.



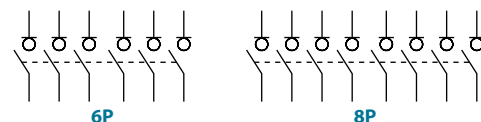
S6N

S6 switches 6 & 8 poles (125 - 630A) (O - I)

Manual handle



Amp.	Size	Connection	6 pole (6P)	8 pole (8P)	External ^{*(1)}	Direct	Emergency external ^{*(1)}
			Code	Code	Code	Code	Code
125	1		S6N01256PS0	S6N01258PS0	DS-SA11	DS-SI11	DS-SR11
160			S6N01606PS0	S6N01608PS0			
200			S6N02006PS0	S6N02008PS0			
250			S6N02506PS0	S6N02508PS0			
315			S6N03156PS0	S6N03158PS0			
400	2		S6N04006PD0	S6N04008PD0	DS-LA21	DS-LI21	DS-LR21
500			S6N05006PR0	S6N05008PR0			
630			S6N06306PS0	S6N06308PS0			



S5M S5N

S5 switches 6 & 8 poles (125 - 2000A) (O - I)

Manual handle



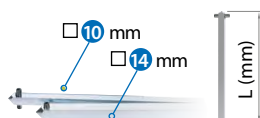
Amp.	Size	Connection	6 pole (6P)	8 pole (8P)	External ^{*(1)}	Direct	Emergency external ^{*(1)}
			Code	Code	Code	Code	Code
125	0		S5M01256PS0	S5M01258PS0	DS-LA01	DS-SI01	DS-LR01
160			S5M01606PS0	S5M01608PS0			
200			S5M02006PS0	S5M02008PS0			
250	1		S5M02506PR0	S5M02508PR0	DS-LA12	DS-LI12	DS-LR12
315			S5M03156PR0	S5M03158PR0			
400			S5M04006PC0	S5M04008PC0			
500	2		S5M05006PR0	S5M05008PR0	DS-LA22	DS-LI22	DS-LR22
630			S5M06306PR0	S5M06308PR0			
800	3		S5M08006PR0	S5M08008PR0	DS-LA41	DS-LI41	DS-LR41
1000			S5M10006PC0	S5M10008PC0			
1250	4 (S5N)		S5N12506PS0	S5N12508PS0	DS-LA41	DS-LI41	DS-LR41
1600			S5N16006PS0	S5N16008PS0			
1800			S5N18006PS0	S5N18008PS0			
2000			S5N20006PD0	S5N20008PD0			

For high performance range (800Vac), please consult the corresponding full details.

^{*(1)} Padlockable handle in OFF 0 position. Possibility of unlocking the door in ON I position (with the use of a tool).
Door interlock by a padlock in OFF 0 position.



Please indicate in your order the switch code and the handle code, as these both products are managed separately. A standard shaft is included with the handle.



Shaft extensions ^{*(2)}				Auxiliary contacts ^{*(3)}		Safety key lock device ^{*(4)}		Full details in page
Size	□	Type 1 & 2		1NO+1NC	2NO+2NC	Simple	Double	
		L	Code ^{*(e1)}	Code	Code	Code ^{*(e1)}	Code ^{*(e1)}	
1	10	375	DS-EP14	D5LAU01	D5LAU02	DS-CA11	DS-CE11	102
		536	DS-EP15					
2	14	345	DS-EP23	D5LAU01	D5LAU02	DS-CB21	DS-CF21	104
		535	DS-EP24					



Auxiliary contacts ^{*(3)}			Safety key lock device ^{*(4)}		Phase barriers ^{*(5)}		Terminal protection ^{*(5)}	Terminal shrouds ^{*(5)} (1 unit)			Terminal shrouds ^{*(5)} (2 units)	 Full details in page
Size	1NO+1NC	2NO+2NC	Simple	Double	6P	8P	Code	Up	Down	Up or Down	Only switches 	
								6P	6P	8P		
	Code	Code	Code ^{*(e1)}	Code ^{*(e1)}	Code	Code		Code	Code	Code		
0	DS-AU11	DS-AU12	DS-CAB1	DS-CEB1	DS-PB01	DS-PB02	-	DS-CU02	DS-CU03	DS-CU04	-	
					DS-PB01	DS-PB02		DS-CU02	DS-CU03	DS-CU04		
					DS-PB04	DS-PB03		DS-CU05	DS-CU06	DS-CU07		
1	DS-AU11	DS-AU12	DS-CB12	DS-CF11	DS-PB12	DS-PB11	DS-CU12	-	-	-	DS-CU11	
					DS-PB12	DS-PB11		-	-	-		
					DS-PB14	DS-PB13		-	-	-		
2	DS-AU11	DS-AU12	DS-CB21	DS-CF21	DS-PB22	DS-PB21	-	-	-	-	DS-CU21	
3	DS-AU11	DS-AU12	DS-CB41	DS-CF41	DS-PB32	DS-PB31	-	-	-	-	DS-CU31	
4 (SSN)	D5LAU01	D5LAU02	DS-CB41	DS-CF41	-	-	-	-	-	-	-	

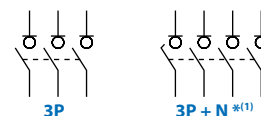
^{*(2)} A standard shaft is included with the external handle.

^{*(3)} To be used as signalling or control contacts – I_e = 16A (resistive loads) 4A (inductive loads) at 250 Vac. Whilst closing, it switches after the main contacts. Whilst opening, it switches before the main contacts.

^{*(4)} Handle interlock in OFF 0 position by means of a key, that only can be removed when the handle is unlocked. Interlocking in other positions available upon request.

^{*(5)} One set or one unit for input or output. Terminals shrouds for **SSM** or **SSN** only for frontal switch. These accessories aren't compatible with each other.

^{*(e1)} All these codes are related to the new handle , in case of replacements for old design handles, please consult.



CIS25A
CIS25D

S5 polyester enclosed switches ^{*(2)} IP65 ^{*(3)}
3 & 4 poles (40 - 1600A) (O - I)

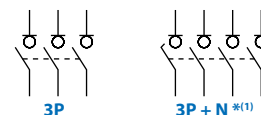


CIS25D



CIS25A

Amp.	Size	CIS25D ___ Without fuse holders		CIS25A ___ With fuse holders NH ^{*(4)}	
		3 pole (3P)	4 pole (3P + N) ^{*(1)}	3 pole (3P)	4 pole (3P + N) ^{*(1)}
		Code	Code	Code	Code
40	00	CIS25D00403PB	CIS25D00403NB	CIS25A00403PB	CIS25A00403NB
63		CIS25D00633PB	CIS25D00633NB	CIS25A00633PB	CIS25A00633NB
80		CIS25D00803PB	CIS25D00803NB	CIS25A00803PB	CIS25A00803NB
125	0	CIS25D01253PB	CIS25D01253NB	CIS25A01253PB	CIS25A01253NB
160		CIS25D01603PB	CIS25D01603NB	CIS25A01603PB	CIS25A01603NB
200		CIS25D02003PR	CIS25D02003NR	CIS25A02003PR	CIS25A02003NR
250	1	CIS25D02503PR	CIS25D02503NR	CIS25A02503PR	CIS25A02503NR
315		CIS25D03153PR	CIS25D03153NR	CIS25A03153PR	CIS25A03153NR
400		CIS25D04003PR	CIS25D04003NR	CIS25A04003PR	CIS25A04003NR
630	2	CIS25D06303PR	CIS25D06303NR	CIS25A06303PR	CIS25A06303NR
800		CIS25D08003PR	CIS25D08003NR	CIS25A08003PR	CIS25A08003NR
1000		CIS25D10003PS	CIS25D10003NS	CIS25A10003PS	CIS25A10003NS
1250	4	CIS25D12503PS	CIS25D12503NS	CIS25A12503PS	CIS25A12503NS
1600		CIS25D16003PS	CIS25D16003NS	CIS25A16003PS	CIS25A16003NS



CIS25C
CIS25F

S5 metal enclosed switches ^{*(2)} IP65
3 & 4 poles (40 - 1600A) (O - I)



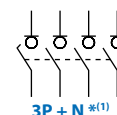
CIS25C



CIS25F

Amp	Size	CIS25C ___ Without fuse holders		CIS25F ___ With fuse holders NH ^{*(4)}	
		3 pole (3P)	4 pole (3P + N) ^{*(1)}	3 pole (3P)	4 pole (3P + N) ^{*(1)}
		Code	Code	Code	Code
40	00	CIS25C00403PB	CIS25C00403NB	CIS25F00403PB	CIS25F00403NB
63		CIS25C00633PB	CIS25C00633NB	CIS25F00633PB	CIS25F00633NB
80		CIS25C00803PB	CIS25C00803NB	CIS25F00803PB	CIS25F00803NB
125	0	CIS25C01253PB	CIS25C01253NB	CIS25F01253PB	CIS25F01253NB
160		CIS25C01603PB	CIS25C01603NB	CIS25F01603PB	CIS25F01603NB
200		CIS25C02003PR	CIS25C02003NR	CIS25F02003PR	CIS25F02003NR
250	1	CIS25C02503PR	CIS25C02503NR	CIS25F02503PR	CIS25F02503NR
315		CIS25C03153PR	CIS25C03153NR	CIS25F03153PR	CIS25F03153NR
400		CIS25C04003PC	CIS25C04003NC	-	-
400	2	CIS25C04003PR	CIS25C04003NR	CIS25F04003PR	CIS25F04003NR
630		CIS25C06303PR	CIS25C06303NR	CIS25F06303PR	CIS25F06303NR
800		CIS25C08003PR	CIS25C08003NR	CIS25F08003PR	CIS25F08003NR
1000	4	CIS25C10003PS	CIS25C10003NS	CIS25F10003PS	CIS25F10003NS
1250		CIS25C12503PS	CIS25C12503NS	CIS25F12503PS	CIS25F12503NS
1600		CIS25C16003PS	CIS25C16003NS	CIS25F16003PS	CIS25F16003NS

Under request higher currents are available, please consult.



IPTA
IPTU

Switch disconnector for transformer secondary protection ^{*(5)} IP65
4 poles (40 - 630A) (O - I)



IPTU



IPTA

Amp.	IPTU ___ Manual double module ^{*(4)}		IPTA ___ Automatic single module	
	4 pole (3P + N) ^{*(1)}		4 pole	
	Code	Code	Amp.	Code
160	IPTU01603NB0	IPTU01603NB0	40	IPTA00404PS0
250	IPTU02503NB0	IPTU02503NB0	50... 63	IPTA00634PS0
400	IPTU04003NB0	IPTU04003NB0	80... 100	IPTA01004PS0
630	IPTU06303NT0	IPTU06303NT0	125... 160	IPTA01604PS0
			200	IPTA02004PS0
			250	IPTA02504PS0
			320... 400	IPTA04004PS0
			630	IPTA06304PT0



118



	Auxiliary contacts ^{*(6)}		Safety key lock device ^{*(7)}		Terminal shrouds ^{*(8)} (2 unidades)	 Full details in page.
Size	1NO+1NC	2NO+2NC	Simple	Doble	Code	
	Code	Code	Code	Code		
00	D5LAU01	D5LAU02	DS-CAB1	DS-CEB1	-	106
0	D5LAU01	D5LAU02	DS-CAB1	DS-CEB1	-	108
1	D5LAU01	D5LAU02	DS-CA11	DS-CE11	DS-CU11	110
2	D5LAU01	D5LAU02	DS-CB21	DS-CF21	DS-CU21	112
3	D5LAU01	D5LAU02	DS-CB31	DS-CF31	DS-CU31	114
4	D5LAU01	D5LAU02	DS-CB41	DS-CF41	DS-CU41	116



	Auxiliary contacts ^{*(6)}		Safety key lock device ^{*(7)}		Terminal shrouds ^{*(8)} (2 unidades)	 Full details in page.
Size	1NO+1NC	2NO+2NC	Simple	Doble	Code	
	Code	Code	Code	Code		
00	D5LAU01	D5LAU02	DS-CAB1	DS-CEB1	-	106
0	D5LAU01	D5LAU02	DS-CAB1	DS-CEB1	-	108
1	D5LAU01	D5LAU02	DS-CA11	DS-CE11	DS-CU11	110
2	D5LAU01	D5LAU02	DS-CB21	DS-CF21	DS-CU21	112
3	D5LAU01	D5LAU02	DS-CB31	DS-CF31	DS-CU31	114
4	D5LAU01	D5LAU02	DS-CB41	DS-CF41	DS-CU41	116

^{*(1)} Neutral pole early make-late break - Versions 4P with "simultaneous contacts" are also available, please consult.

^{*(2)} Padlockable handle in OFF 0 position. Possibility of unlocking the door in ON I position (with the use of a tool). Door interlock by a padlock in OFF 0 position.

^{*(3)} C1S25A size 4 - IP43.

^{*(4)} Fuses are not supplied, please consult.

^{*(5)} All with control for pole drive.

^{*(6)} To be used as signalling or control contacts – I_e = 16A (resistive loads) 4A (inductive loads) at 250 Vac. Whilst closing, it switches after the main contacts. Whilst opening, it switches before the main contacts.

^{*(7)} Handle interlock in OFF 0 position by means of a key, that only can be removed when the handle is unlocked.

^{*(8)} One set for input or output in enclosures without fuse bases. With fuse bases in the input only.

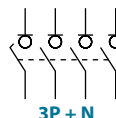
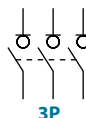
S5 AC Switch - disconnecter base mounting 2P - 3P - 3P+N

Size 00

A 40|63|80



	CODE-40A	CODE-63A	CODE-80A
2P	S5-00402PB0	S5-00632PB0	S5-00802PB0
3P	S5-00403PB0	S5-00633PB0	S5-00803PB0
3P + N	S5-00403NB0	S5-00633NB0	S5-00803NB0



Technical information

According to IEC 60947-3



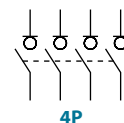
tests:
AIT
AUSTRIAN INSTITUTE
OF TECHNOLOGY
TOMORROW TODAY

				40	63	80
Rated thermal current I _{th} in ambient at	40 °C	A		50	63	80
	50 °C	A		50	63	80
	60 °C	A		40	63	64
Rated insulation voltage U _i		V		800	800	800
Rated impulse withstand voltage U _{imp}		kV		8	8	8
AC rated operational current ^{*(1)} (Rated operational frequency 50/60 Hz)	Ue 400V AC21A	A		50	63	80
	Ue 400V AC22A	A		50	63	63
	Ue 400V AC23A	A		50	50	50
Rated breaking capacity	400V AC23	A		400	400	400
Rated making capacity	400V AC23	A		500	500	500

^{*(1)} Other voltages and / or utilization categories. Please consult

^{*(2)} Without limiting protective device (short-circuit maintained 50... 100 ms.)

			40	63	80
Short - circuit behaviour					
Rated short-circuit making capacity ^{*(2)}	I _{cm} kA (peak)		5	5	5
Rated short-time withstand current (1sec.)	I _{cw} kA rms		3	3	3
Mechanical features					
Number of mechanical operations (according to the standards, for other values please consult)	Cycles		10000	10000	10000
Maximum weight	Kg		0,4	0,4	0,4



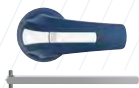
Also available 4P switch - disconnectors under request, please consult

Accessories



» Direct handle

CODE DS-SI01

» External handle included shaft ^{*(e1)}

IP65

CODE DS-SA01



» External handle without shaft

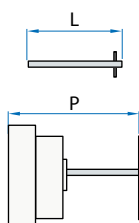
IP65

CODE DS-SA03

» Emergency external handle included shaft ^{*(e1)}

IP65

CODE DS-SR01



» Shafts

Standard shaft included ^{*(e1)}

L (mm)	P (mm)
177	85... 195,5

Shaft extensions

Type 1		
L (mm)	P (mm)	CODE
250	85... 278	DS-EP04

Type 2		
L (mm)	P (mm)	CODE
387	85... 415	DS-EP05



» Auxiliary contacts

 1NO+1NC CODE D5LAU01
 2NO+2NC CODE D5LAU02

 I_e = 16 A (resistive loads)
 4 A (inductive loads) at 250 Vac.


» Safety key lock device

Simple CODE DS-CAB1

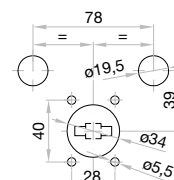
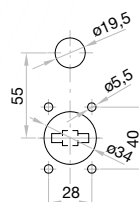
Double CODE DS-CEB1

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

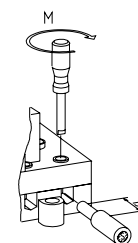
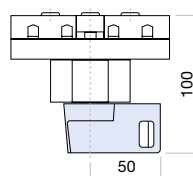
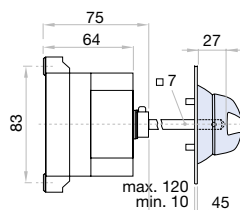
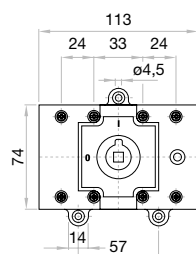
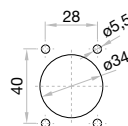
Simple

Double



Dimensions (mm)

Door drilling for external handle



S max (Cu)	M
mm ²	Nxm
25	2

S5 AC Switch - disconnecter base mounting 2P - 3P - 3P+N

Size 0

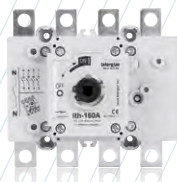
A 125|160|200|250



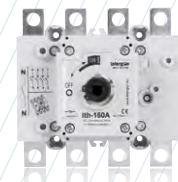
CODE - 125A



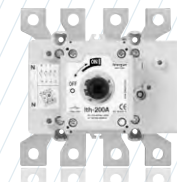
CODE - 160A



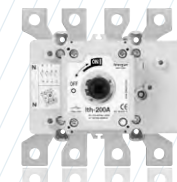
CODE - 125A



CODE - 160A



CODE - 200A

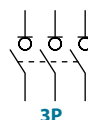


CODE - 250A

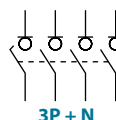
2P	S5-01252PB0	S5-01602PB0	S5-01252PS0	S5-01602PS0	S5-02002PS0	S5-02502PD0
3P	S5-01253PB0	S5-01603PB0	S5-01253PS0	S5-01603PS0	S5-02003PS0	S5-02503PD0
3P + N	S5-01253NB0	S5-01603NB0	S5-01253NS0	S5-01603NS0	S5-02003NS0	S5-02503ND0



2P



3P



3P + N

Technical information

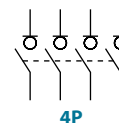
According to IEC 60947-3



			125	160	200	250
Rated thermal current I _{th} in ambient at	40 °C	A	125	160	200	250
	50 °C	A	125	160	200	250
	60 °C	A	125	160	200	200
Rated insulation voltage U _i	V		1000	1000	1000	1000
Rated impulse withstand voltage U _{imp}	kV		8	8	8	8
AC rated operational current ^{*(1)} (Rated operational frequency 50/60 Hz)	Ue 400V AC21A	A	125	160	200	250
	Ue 400V AC22A	A	125	160	200	250 ^{*(3)}
	Ue 400V AC23A	A	125	160	160	160
Rated breaking capacity	400V AC23	A	1000	1280	1280	1280
Rated making capacity	400V AC23	A	1250	1600	1600	1600

⁽¹⁾ Other voltages and / or utilization categories. Please consult⁽²⁾ Without limiting protective device (short-circuit maintained 50... 100 ms.)*⁽³⁾ Rated operational current AC22B

			125	160	200	250
Short - circuit behaviour						
Rated short-circuit making capacity ^{*(2)}	I _{cm} kA (peak)		13	13	13	13
Rated short-time withstand current (1sec.)	I _{cw} kA rms		7	7	7	7
Mechanical features						
Number of mechanical operations (according to the standards, for other values please consult)	Cycles		8000	8000	8000	8000
Maximum weight 3P	Kg		0,85	0,85	0,9	0,9
Maximum weight 3P + N	Kg		1	1	1	1



4P

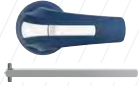
Also available 4P switch - disconnectors under request, please consult

Accessories



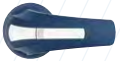
» Direct handle

CODE DS-SI01

» External handle included shaft ^{*(e1)}

IP65

CODE DS-SA01



» External handle without shaft

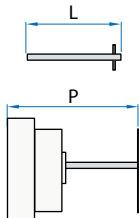
IP65

CODE DS-SA03

» Emergency external handle included shaft ^{*(e1)}

IP65

CODE DS-SR01



» Shafts

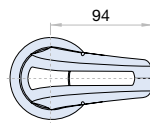
Standard shaft included ^{*(e1)}

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



Door drilling for external handle



» Terminal protection

CODE DS-CU01

(1 unit for input or output)



» Terminal shrouds

	UP 3P (1 unit)	DOWN 3P (1 unit)	UP OR DOWN 4P (1 unit)
	DS-CU02	DS-CU03	DS-CU04
	DS-CU05	DS-CU06	DS-CU07



» DIN rail mounting

CODE DS-DN01

(1 kit for 125-160A switches)



» Auxiliary contacts

1NO+1NC CODE D5LAU01

2NO+2NC CODE D5LAU02

I_e = 16 A (resistive loads)

4 A (inductive loads) at 250 Vac.



» Safety key lock device

Simple CODE DS-CAB1

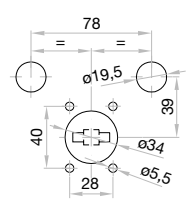
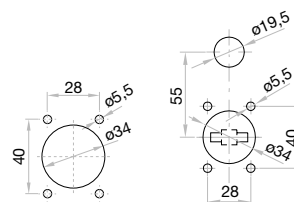
Double CODE DS-CEB1

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

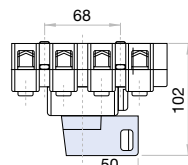
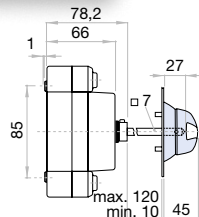
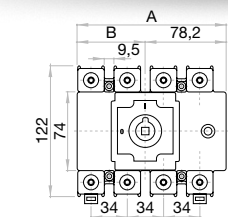
Door drilling for handle and key lock device

Simple

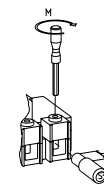
Double



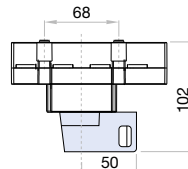
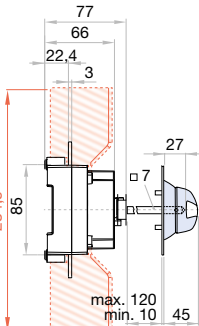
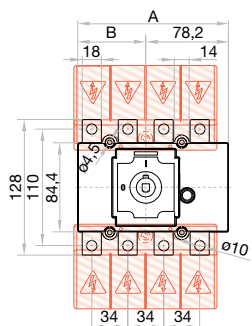
Dimensions (mm)



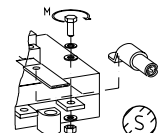
	A			B		
	2P	3P	4P	2P	3P	4P
125 A	131	131	140	53	53	64
160 A						



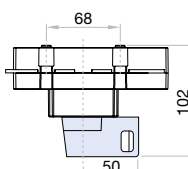
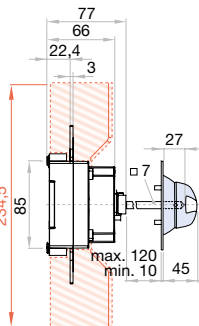
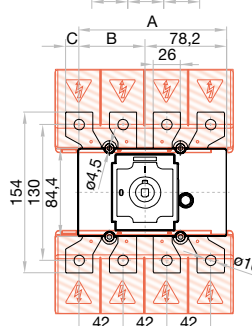
S max (Cu)	M
mm ²	Nxm
95	4



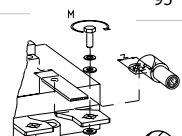
	A			B		
	2P	3P	4P	2P	3P	4P
125 A	131	131	142	53	53	64
160 A						



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



	A			B			C
	2P	3P	4P	2P	3P	4P	4P
200 A	131	131	142	53	53	64	11,8
250 A							



S max (Cu)	Z max	H max (Cu)	L max (Cu)	T	M
mm ²		mm	mm		Nxm
120	30	5	30	M10	18

S5 AC Switch - disconnecter base mounting 2P - 3P - 3P+N

Size 1

A 250|315|400



CODE-250A

2P S5-02502PR0

3P S5-02503PR0

3P + N S5-02503NR0



CODE-315A

S5-03152PR0

S5-03153PR0

S5-03153NR0



CODE-400A

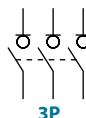
S5-04002PC0

S5-04003PC0

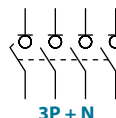
S5-04003NC0



2P



3P



3P + N

Technical information

According to IEC 60947-3



consult



consult



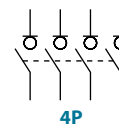
tests:



				250	315	400
Rated thermal current in ambient at	Ith	40 °C	A	250	315	400
		50 °C	A	250	315	400
		60 °C	A	250	315	320
Rated insulation voltage	Ui		V	1000	1000	1000
Rated impulse withstand voltage	Uimp		kV	8	8	8
AC rated operational current ^{*(1)} (Rated operational frequency 50/ 60 Hz)	Ie	Ue 400V AC21A	A	250	315	400
		Ue 400V AC22A	A	250	315	400
		Ue 400V AC23A	A	250	315	400
Rated breaking capacity	400V	AC23	A	2000	2520	3200
Rated making capacity	400V	AC23	A	2500	3150	4000

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

		250	315	400
Short - circuit behaviour				
Rated short-circuit making capacity ^{*(2)}	I _{cm} kA (peak)	20	20	20
Rated short-time withstand current (1sec.)	I _{cw} kA rms	12	12	12
Mechanical features				
Number of mechanical operations (according to the standards, for other values please consult)	Cycles	8000	8000	5000
Maximum weight 3P	Kg	1,7	1,7	1,9
Maximum weight 3P + N	Kg	1,9	1,9	2,1



4P

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

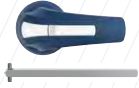


Accessories



» Direct handle

CODE DS-SI11

» External handle included shaft ^{*(e1)}

IP65

CODE DS-SA11



» External handle without shaft

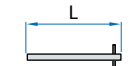
IP65

CODE DS-SA14

» Emergency external handle included shaft ^{*(e1)}

IP65

CODE DS-SR11



» Shafts

Standard shaft included ^{*(e1)}

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



» Terminal protection

CODE DS-CU12

(1 unit for input or output)



» Terminal shrouds

CODE DS-CU11

(1 kit for input or output)



» Auxiliary contacts

1NO+1NC CODE D5LAU01

2NO+2NC CODE D5LAU02

I_e = 16 A (resistive loads)

4 A (inductive loads) at 250 Vac.



» Safety key lock device

Simple CODE DS-CA11

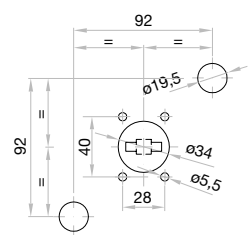
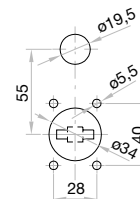
Double CODE DS-CE11

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

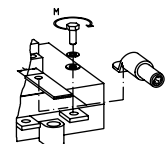
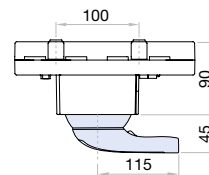
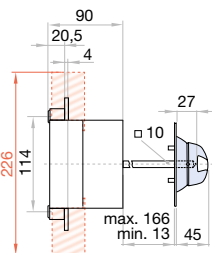
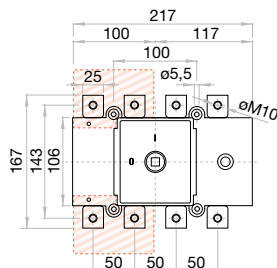
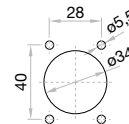
Simple

Double

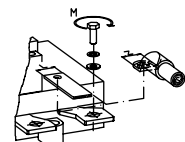
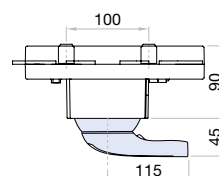
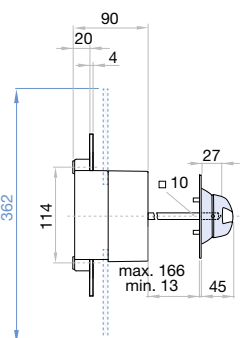
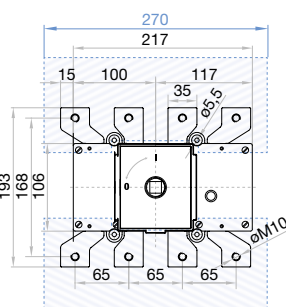


Dimensions (mm)

Door drilling for external handle



S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	M	M
250 A	315 A			
185	7	25	M10	18

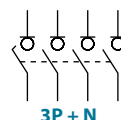
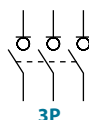


S max (Cu) mm ²	Z max	H max (Cu) mm	L max (Cu) mm	M	M
400 A					
240	44	7	40	M10	24

S5 AC Switch - disconnecter base mounting 3P - 3P+N

Size 2

A 500|630|800



Technical information

According to IEC 60947-3



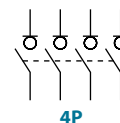
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				500	630	800
Rated thermal current I _{th} in ambient at	40 °C	A		500	630	800
	50 °C	A		500	630	720
	60 °C	A		500	630	640
Rated insulation voltage	U _i	V		1000	1000	1000
Rated impulse withstand voltage	U _{imp}	kV		12	12	12
AC rated operational current ^{*(1)} (Rated operational frequency 50/60 Hz)	Ue 400V AC21A	A		500	630	800
	Ue 400V AC22A	A		500	630	800
	Ue 400V AC23A	A		500	630	800
Rated breaking capacity	400V AC23	A		4000	5000	6400
Rated making capacity	400V AC23	A		5000	6300	8000

^{*(1)} Other voltages and / or utilization categories. Please consult

^{*(3)} Without limiting protective device (short-circuit maintained 50... 100 ms.)

		500	630	800
Short - circuit behaviour				
Rated short-circuit making capacity ^{*(2)}	I _{cm} kA (peak)	26	26	26
Rated short-time withstand current (1sec.)	I _{cw} kA rms	16	16	16
Mechanical features				
Number of mechanical operations (according to the standards, for other values please consult)	Cycles	5000	5000	3000
Maximum weight 3P	Kg	4,2	4,2	4,2
Maximum weight 3P + N	Kg	4,5	4,5	4,5



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

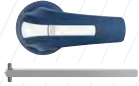


Accessories



» Direct handle

CODE DS-LI21

» External handle included shaft ^{*(e1)}

IP65

CODE DS-LA21



» External handle without shaft

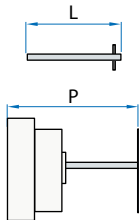
IP65

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



» Terminal protection

CODE DS-CU22

(1 unit for input or output)



» Terminal shrouds

CODE DS-CU21

(1 kit for input or output)



» Auxiliary contacts

1NO+1NC CODE D5LAU01

2NO+2NC CODE D5LAU02

I_e = 16 A (resistive loads)

4 A (inductive loads) at 250 Vac.



» Safety key lock device

Simple CODE DS-CB21

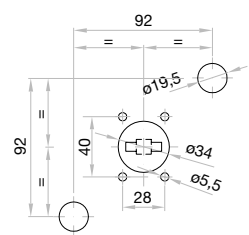
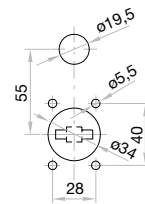
Double CODE DS-CF21

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

Door drilling for handle and key lock device

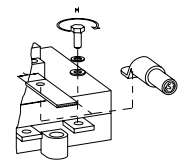
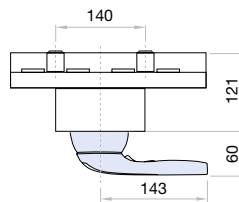
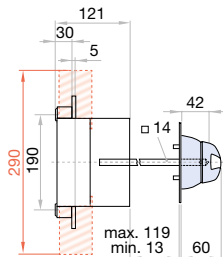
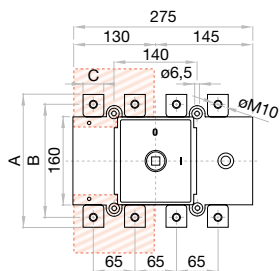
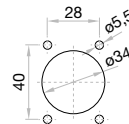
Simple

Double



Dimensions (mm)

Door drilling for external handle



	A	B	C
500 A	220	190	25
630 A	235	205	30
800 A			

S max (Cu)	H max (Cu)	L max (Cu)	T	M
mm ²	mm	mm		Nxm
2x185	6	40		
2x240	2x5	40	M10	24
		50		

S5 AC Switch - disconnecter base mounting 3P - 3P+N

Size 3

A 800|1000|1250|2000



CODE-800A

3P

S5-08003PR0

3P + N

S5-08003NR0



CODE-1000A

S5-10003PC0

S5-10003NC0



CODE-1250A

S5-12503PC0

S5-12503NC0



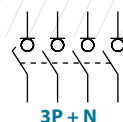
CODE-2000A

S5-20003PC0

S5-20003NC0



3P



3P + N

Technical information

According to IEC 60947-3



consult



consult

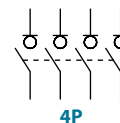
tests:



				800	1000	1250	2000
Rated thermal current I _{th} in ambient at	40 °C	A		800	1000	1250	2000
	50 °C	A		800	1000	1125	1800
	60 °C	A		800	900	900	1600
Rated insulation voltage U _i		V		1000	1000	1000	1000
Rated impulse withstand voltage U _{imp}		kV		12	12	12	12
AC rated operational current ^{*(1)} (Rated operational frequency 50/60 Hz)	Ue 400V AC21A	A		800	1000	1250	2000
	Ue 400V AC22A	A		800	1000	1250	2000 ^{*(3)}
	Ue 400V AC23A	A		800	1000	1000	-
Rated breaking capacity	400V AC23	A		6400	8000	8000	6000
Rated making capacity	400V AC23	A		8000	10000	10000	6000

^{*(1)} Other voltages and / or utilization categories. Please consult^{*(2)} Without limiting protective device (short-circuit maintained 50... 100 ms.)^{*(3)} AC22B

				800	1000	1250	2000
Short - circuit behaviour							
Rated short-circuit making capacity ^{*(2)}	I _{cm}	kA (peak)		60	60	60	80
Rated short-time withstand current (1sec.)	I _{cw}	kA rms		25	25	25	38
Mechanical features							
Number of mechanical operations (according to the standards, for other values please consult)	Cycles			3000	3000	3000	3000
Maximum weight 3P	Kg			7	7	7	18,5
Maximum weight 3P + N	Kg			7,6	7,6	7,6	20



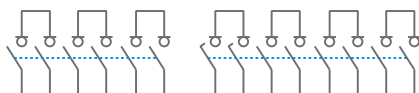
4P

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

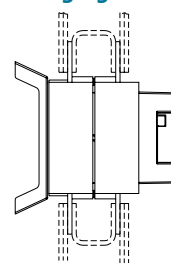
Connection diagram

Connection diagram
between front & rear

BI-1 S5-20003PC0
S5-20003NC0



Bridging links ^{*(P2)}



Accessories



» Direct handle

CODE DS-LI31
CODE DS-LI41 (2000 A)

» External handle included shaft ^{*(e1)}

IP65
CODE DS-LA31
CODE DS-LA41 (2000 A)



» External handle without shaft

IP65
CODE DS-LA33 (for 800-1000-1250A)

» Emergency external handle included shaft ^{*(e1)}

IP65
CODE DS-LR31
CODE DS-LR41 (2000 A)



» Terminal shrouds

CODE DS-CU31
(1 kit for input or output, 2000 A on frontal side only)

» Bridging links ^{*(P2)}

BI-1 2000 A CODE x2 DS5LPC32 (4 units)

^{*(P2)} To comply with the operation and electrical features, the bridging links must be assembled to the switch. Please consult.



» Auxiliary contacts

1NO+1NC CODE DS5LAU01
2NO+2NC CODE DS5LAU02
1NO+1NC CODE DS-AU11 (2000 A)
2NO+2NC CODE DS-AU12 (2000 A)

I_e = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.



» Safety key lock device

Simple CODE DS-CB31
Double CODE DS-CF31

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

» Shafts

Standard shaft included ^{*(e1)}

L (mm)	P (mm)
186	145... 242
(2000 A) 239	145... 242

Shaft extensions

Type 1

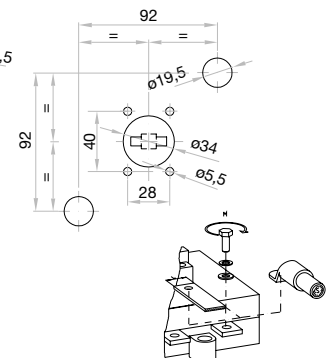
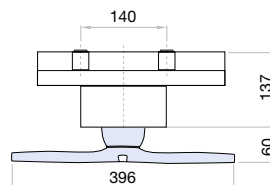
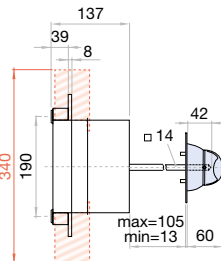
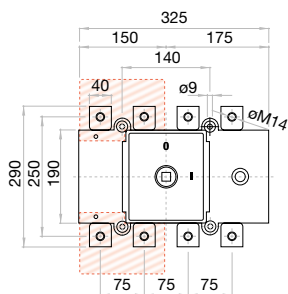
L (mm)	P (mm)	CODE
345	145... 411	DS-EP23
(2000 A) 485	145... 244	DS-EP44

Type 2

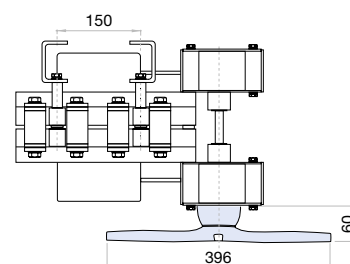
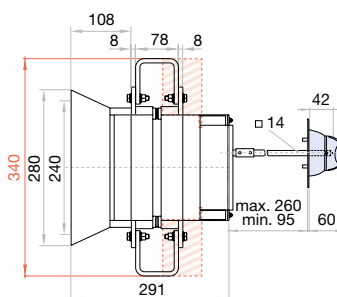
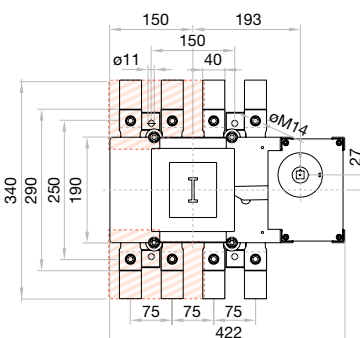
L (mm)	P (mm)	CODE
535	145... 600	DS-EP24
(2000 A) 635	145... 600	DS-EP45

Dimensions (mm)

Door drilling for external handle



S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	M	M
800 A	2x240			
1000 A	2x300	2x10	50	M14
1250 A				45



S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	M	M
2000 A	4x300	4x10	50	M14
				45

S5 AC Switch - disconnecter base mounting 3P - 3P+N

Size 4

A 1000|1250|1600|1800|2000



CODE-1000A

S5-10003PS0

S5-10003NS0



CODE-1250A

S5-12503PS0

S5-12503NS0



CODE-1600A

S5-16003PS0

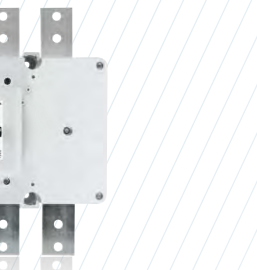
S5-16003NS0



CODE-1800A

S5-18003PS0

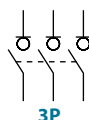
S5-18003NS0



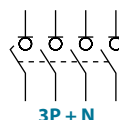
CODE-2000A

S5-20003PD0

S5-20003ND0



3P



3P + N

Technical information

According to IEC 60947-3

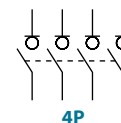


tests:
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		1000 1250 1600 1800 2000					
Rated thermal current I _{th} in ambient at	40 °C	A	1000	1250	1600	1800	2000
	50 °C	A	1000	1250	1600	1800	1800
	60 °C	A	1000	1000	1600	1600	1600
Rated insulation voltage U _i	V	1000	1000	1000	1000	1000	1000
Rated impulse withstand voltage U _{imp}	kV	12	12	12	12	12	12
AC rated operational current ^{*(1)} (Rated operational frequency 50/60 Hz)	Ue 400V AC21A	A	1000	1250	1600	1800	2000
	Ue 400V AC22A	A	1000	1250	1600	1800	2000
	Ue 400V AC23B	A	-	-	1600	1600	1600
	Ue 800V AC21B	A	-	-	-	1600	-
Rated breaking capacity	400V AC23	A	3000	3750	4800	5400	6000
Rated making capacity	400V AC23	A	3000	3750	4800	5400	6000

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

		1000	1250	1600	1800	2000
Short - circuit behaviour						
Rated short-circuit making capacity ^{*(2)}	Icm kA (peak)	60	60	75	75	75
Rated short-time withstand current (1sec.)	Icw kA rms	25	25	50	50	50
Mechanical features						
Number of mechanical operations (according to the standards, for other values please consult)	Cycles	3000	3000	3000	3000	3000
Maximum weight 3P	Kg	18,5	18,5	18,5	18,5	18,5
Maximum weight 3P + N	Kg	20,8	20,8	20,8	20,8	20,8



4P

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



Accessories



» Direct handle

CODE DS-LI41

» External handle included shaft^{*(e1)}

IP65

CODE DS-LA41



» External handle without shaft

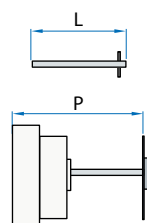
IP65

CODE DS-LA43

» Emergency external handle included shaft^{*(e1)}

IP65

CODE DS-LR41



» Shafts

Standard shaft included ^{*(e1)}

L (mm)	P (mm)
239	235... 400

Shaft extensions

Type 1		
L (mm)	P (mm)	CODE
485	235... 686	DS-EP44

Type 2		
L (mm)	P (mm)	CODE
635	235... 836	DS-EP45



» Terminal shrouds

CODE DS-CU41

(1 kit for input or output)



» Auxiliary contacts

1NO+1NC CODE D5LAU01

2NO+2NC CODE D5LAU02

I_e = 16 A (resistive loads)

4 A (inductive loads) at 250 Vac.



» Safety key lock device

Simple CODE DS-CB41

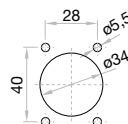
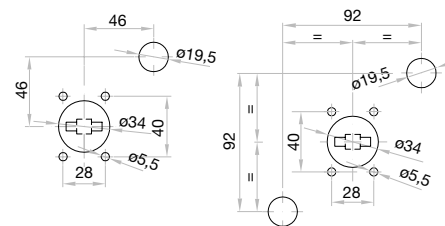
Double CODE DS-CF41

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

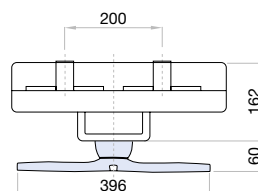
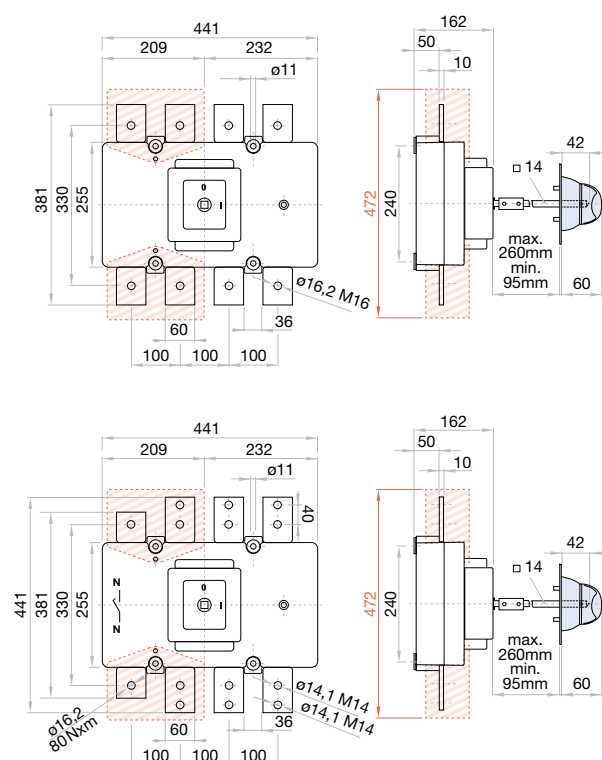
Simple

Double



Dimensions (mm)

Door drilling for external handle



	H max (Cu)	L max (Cu)	M	
	mm	mm		Nxm
1000 A	2x10	80	M16	80
1250 A				

	H max (Cu)	L max (Cu)	M	
	mm	mm		Nxm
1600 A	2x10	80	M14	55
1800 A				
2000 A				

S₅N AC Switch - disconnecter base mounting 3P - 3P+N

Size 5

A

2000|2500|3150



CODE - 2000A

CODE - 2500A

CODE - 3150A

3P
3P+N

S5N20003PS0

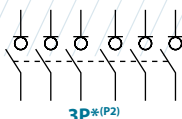
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S5N25003PS0

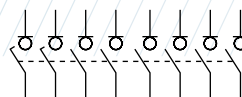
S5N25003NS0

S5N31503PS0

S5N31503NS0



3P*(P2)



3P+N*(P2)

Technical information



According to IEC 60947-3

				2000	2500	3150
Rated thermal current in ambient at	Ith	40 °C	A	2000	2500	3150
		50 °C	A	2000	2500	2835
		60 °C	A	2000	2500	2520
Rated insulation voltage	Ui		V	1000	1000	1000
Rated impulse withstand voltage	Uimp		kV	12	12	12
AC rated operational current ^{*(1)}	Ie	Ue 400V AC21B	A	2000	2500	3150
(Rated operational frequency 50/60 Hz)		Ue 400V AC22B	A	2000	2500	2500

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

				2000	2500	3150
Rated breaking capacity	400V	AC21	A	-	-	4725
	400V	AC22	A	6000	7500	-
Rated making capacity	400V	AC21	A	-	-	4725
	400V	AC22	A	6000	7500	-

Short - circuit behaviour

Rated short-circuit making capacity ^{*(2)}	Icm	kA (peak)	60	60	60
Rated short-time withstand current (1sec.)	Icw	kA rms	50	50	50

Mechanical features

Number of mechanical operations (according to the standards, for other values please consult)	Cycles	600	600	600
Maximum weight 3P (without bridging links)	Kg	42,9	42,9	42,9
Maximum weight 3P+N (without bridging links)	Kg	47,3	47,3	47,3

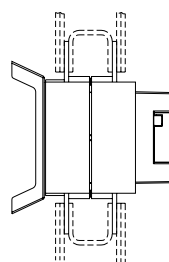
Connection diagram

Connection diagram
between front & rear

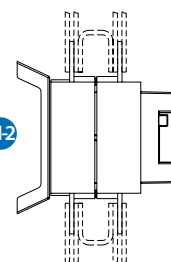
BI-1
BI-2

Bridging links ^{*(P2)}

BI-1



BI-2



Accessories



» Direct handle

CODE DS-LI41

» External handle included shaft ^{*(e1)}

IP65

CODE DS-LA41



» External handle without shaft

IP65

CODE DS-LA43

» Emergency external handle included shaft ^{*(e1)}

IP65

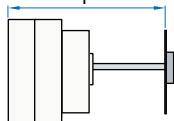
CODE DS-LR41



» Shafts

Standard shaft included ^{*(e1)}

L (mm)	P (mm)
239	458 ... 618

» Bridging links ^{*(P2)}

BI-1 2000 A CODE x2 D5LPC41 (4 units)
2500 A
3150 A CODE x2 D5LPC42 (4 units)

BI-2 CONSULT CODE

^{*(P2)} To comply with the operation and electrical features, the bridging links must be assembled to the switch. Please consult.



» Auxiliary contacts

1NO+1NC CODE DS-LA101
2NO+2NC CODE DS-LA102

I_e = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.



» Safety key lock devices

Simple CODE DS-CB41

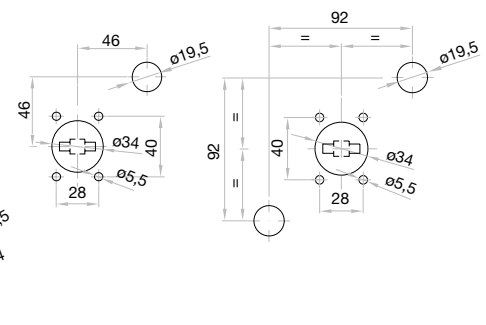
Double CODE DS-CF41

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

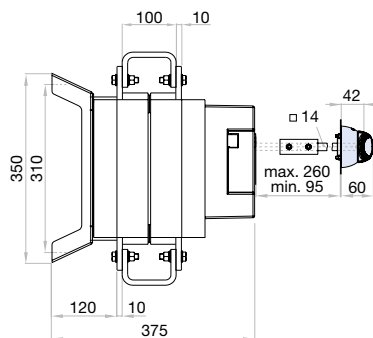
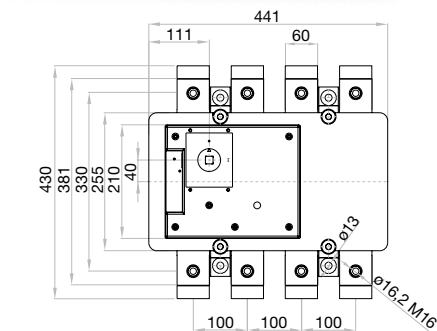
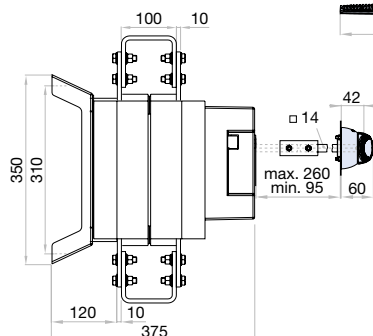
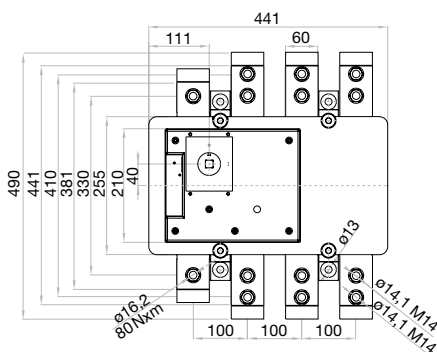
Simple

Double

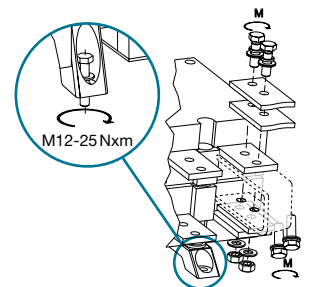


Dimensions (mm)

Door drilling for external handle

2000 A
2500 A

3150 A



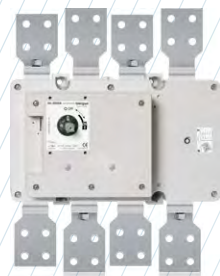
	H max (Cu) mm	L max (Cu) mm	T	M Nxm
--	---------------------	---------------------	---	----------

	2000 A 2500 A	2x10	80	M16	80
	3150 A	2x10	80	M14	55

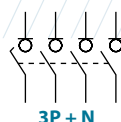
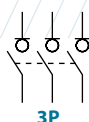
S₅N AC Switch - disconnecter base mounting 3P - 3P+N

Size 5

A 2000|2500|3150



	CODE-2000A	CODE-2500A	CODE-3150A
3P	S5N20003PP0	S5N25003PP0	S5N31503PP0
3P + N	S5N20003NP0	S5N25003NP0	S5N31503NP0



Technical information



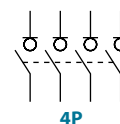
According to IEC 60947-3

			2000	2500	3150
Rated thermal current I _{th} in ambient at	40 °C	A	2000	2500	3150
	50 °C	A	2000	2500	2835
	60 °C	A	2000	2500	2520
Rated insulation voltage U _i	V		1000	1000	1000
Rated impulse withstand voltage U _{imp}	kV		12	12	12
AC rated operational current I _e	Ue 400V AC21B	A	2000	2500	3150
(Rated operational frequency 50/60 Hz)	Ue 400V AC22B	A	2000	2500	2500

*⁽¹⁾ Other voltages and / or utilization categories. Please consult

*⁽²⁾ Without limiting protective device (short-circuit maintained 50... 100 ms.)

				2000	2500	3150
Rated breaking capacity	400V	AC21	A	-	-	4725
	400V	AC22	A	6000	7500	-
Rated making capacity	400V	AC21	A	-	-	4725
	400V	AC22	A	6000	7500	-
Short - circuit behaviour						
Rated short-circuit making capacity * ⁽²⁾	I _{cm}	kA (peak)		60	60	60
Rated short-time withstand current (1sec.)	I _{cw}	kA rms		50	50	50
Mechanical features						
Number of mechanical operations (according to the standards, for other values please consult)	Cycles			600	600	600
Maximum weight 3P (without bridging links)	Kg			42,9	42,9	42,9
Maximum weight 3P+N (without bridging links)	Kg			47,3	47,3	47,3



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



Accessories



» Direct handle

CODE DS-LI41

» External handle included shaft ^{*(e1)}

IP65

CODE DS-LA41



» External handle without shaft

IP65

CODE DS-LA43

» Emergency external handle included shaft ^{*(e1)}

IP65

CODE DS-LR41



» Shafts

Standard shaft included ^{*(e1)}

L (mm)	P (mm)
239	458 ... 618



» Auxiliary contacts

1NO+1NC CODE D5LAU01

2NO+2NC CODE D5LAU02

I_e = 16 A (resistive loads)

4 A (inductive loads) at 250 Vac.



» Safety key lock device

Simple CODE DS-CB41

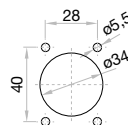
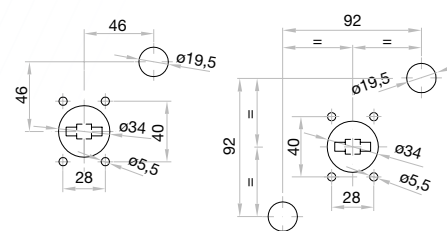
Double CODE DS-CF41

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

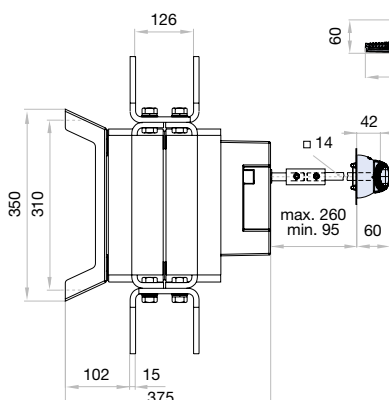
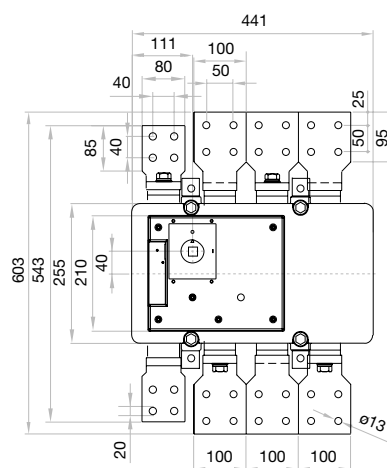
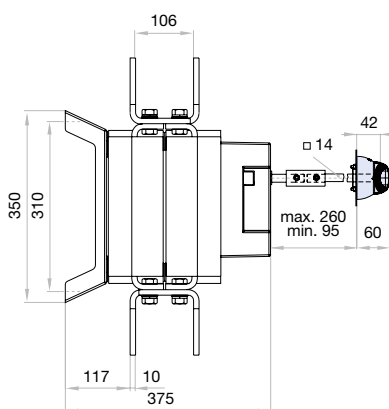
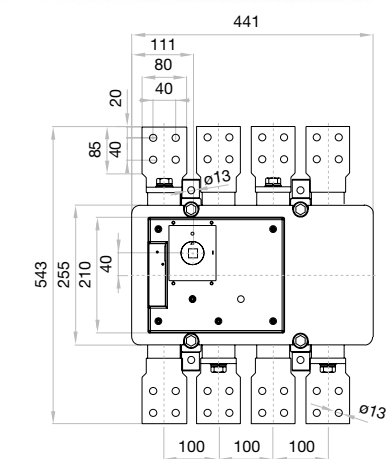
Simple

Double

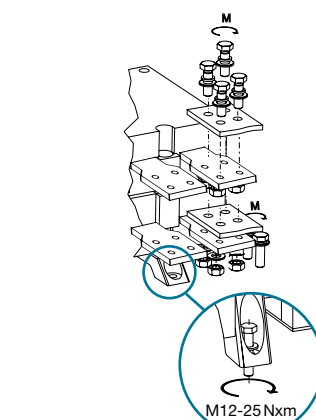


Dimensions (mm)

Door drilling for external handle



	H max (Cu) mm	L max (Cu) mm	M Nxmm	M
2000 A 2500 A	4x10	80	M12	45

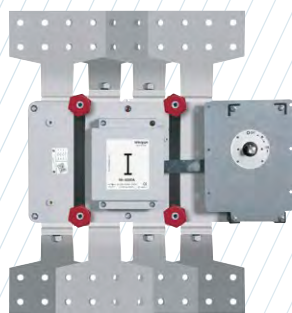


	H max (Cu) mm	L max (Cu) mm	M Nxmm	M
3150 A	4x10	100	M12	45

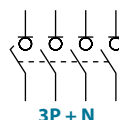
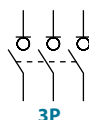
S5 AC Switch - disconnecter base mounting 3P - 3P+N

Size 6

A 4000|5000|6300



	CODE-4000A	CODE-5000A	CODE-6300A
3P	S5-40003PP0	S5-50003PP0	S5-63003PP0
3P + N	S5-40003NP0	S5-50003NP0	S5-63003NP0



Technical information

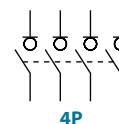


According to IEC 60947-3

				4000	5000	6300
Rated thermal current I _{th} in ambient at	40 °C	A		4000	5000	6300
	50 °C	A		4000	5000	5670
	60 °C	A		3500	4400	5040
Rated insulation voltage U _i		V		1000	1000	1000
Rated impulse withstand voltage U _{imp}		kV		12	12	12
AC rated operational current ^{*(1)} (Rated operational frequency 50/60 Hz)	Ue 400V AC21A	A		4000	5000	6300
	Ue 400V AC22A	A		3500	4000	4000
	Ue 400V AC23A	A		2000	2500	2500

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

				4000	5000	6300
Rated breaking capacity	400V	AC21	A	6000	7500	9450
Rated making capacity	400V	AC21	A	6000	7500	9450
Short - circuit behaviour						
Rated short-circuit making capacity ^{*(2)}	I _{cm}	kA (peak)		100	100	100
Rated short-time withstand current (1sec.)	I _{cw}	kA rms		50	50	50
Mechanical features						
Number of mechanical operations (according to the standards, for other values please consult)	Cycles			2000	2000	2000
Maximum weight 3P	Kg			100	130	130
Maximum weight 3P + N	Kg			110	140	140



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

Accessories

» External handle included shaft^{*(e1)}

(Slider bar)

CODE DS-EN61



» Auxiliary contacts

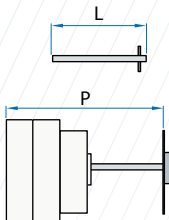
1NO+1NC CODE DS-AU11

2NO+2NC CODE DS-AU12

I_e = 16 A (resistive loads)

4 A (inductive loads) at 250 Vac.

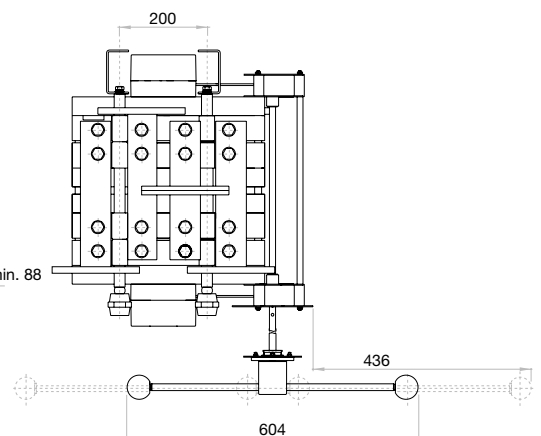
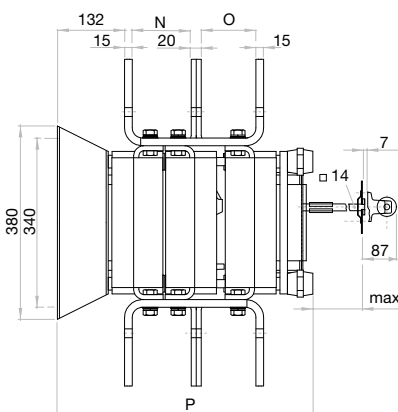
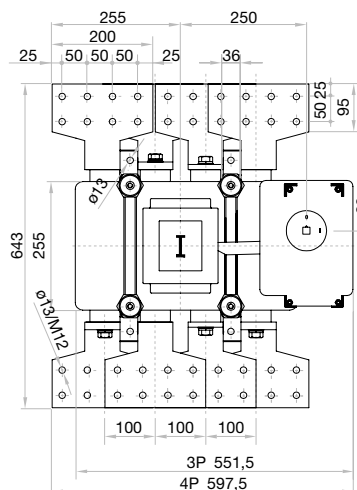
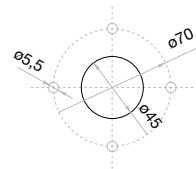
» Shafts

Standard shaft included ^{*(e1)}

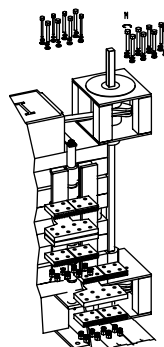
	L (mm)	P (mm)
4000 A	333	578... 728
5000 A	333	720... 870
6300 A	333	720... 870

Dimensions (mm)

Door drilling for external handle



	N	O	P	Ø
4000 A	116	107,5	502,5	13
5000 A	164,5	164,5	632	
6300 A				



	H max (Cu) mm	L max (Cu) mm	T M12	M Nxmm
4000 A	4x10			
5000 A	6x10	100	M12	45
6300 A				

S6 AC

Switch - disconnecter

base mounting 2P - 3P - 3P+N

Size 1

A 200|250|315|400



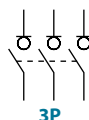
CODE - 2P

200A	S6-02002PS0
250A	S6-02502PS0
315A	S6-03152PS0
400A	S6-04002PD0



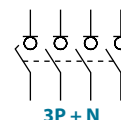
CODE - 3P

200A	S6-02003PS0
250A	S6-02503PS0
315A	S6-03153PS0
400A	S6-04003PD0



CODE - 3P + N

200A	S6-02003NS0
250A	S6-02503NS0
315A	S6-03153NS0
400A	S6-04003ND0



Technical information

According to IEC 60947-3



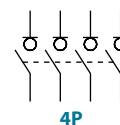
tests:



					200	250	315	400	
Rated thermal current in ambient at	Ith	40° C			A	200	250	315	400
		50° C			A	200	250	315	400
		60° C			A	200	250	315	400
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	200	250	315	400
			Ue 690V	AC21A	A	200	250	315	400
			Ue 800V	AC21B	A	-	-	-	250 ^{*(3)}
Rated breaking capacity	400V, cos φ=0,35-0,45				A	1600	2000	2520	3200
Rated making capacity	400V, cos φ=0,45				A	2000	2500	3150	4000

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

			200	250	315	400
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	1,65	1,68
Maximum weight 3P	kg		2,17	2,17	2,17	2,21
Maximum weight 3P + N	kg		2,70	2,70	2,70	2,76



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

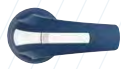


Accessories



» Direct handle

CODE DS-SI11

» External handle included shaft^{*(e1)}

IP65

CODE DS-SA11



» External handle without shaft

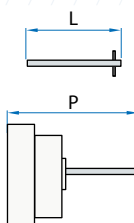
IP65

CODE DS-SA14

» Emergency external handle included shaft^{*(e1)}

IP65

CODE DS-SR11



» Shafts

Standard shaft included ^{*(e1)}

L (mm)	P (mm)
227	103... 256

Shaft extensions

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

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



» Auxiliary contacts

1NO+1NC CODE D5LAU01

2NO+2NC CODE D5LAU02

I_e = 16 A (resistive loads)

4 A (inductive loads) at 250 Vac.



» 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

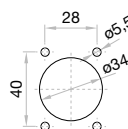
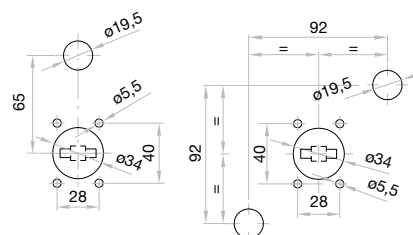
Double CODE DS-CE11

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

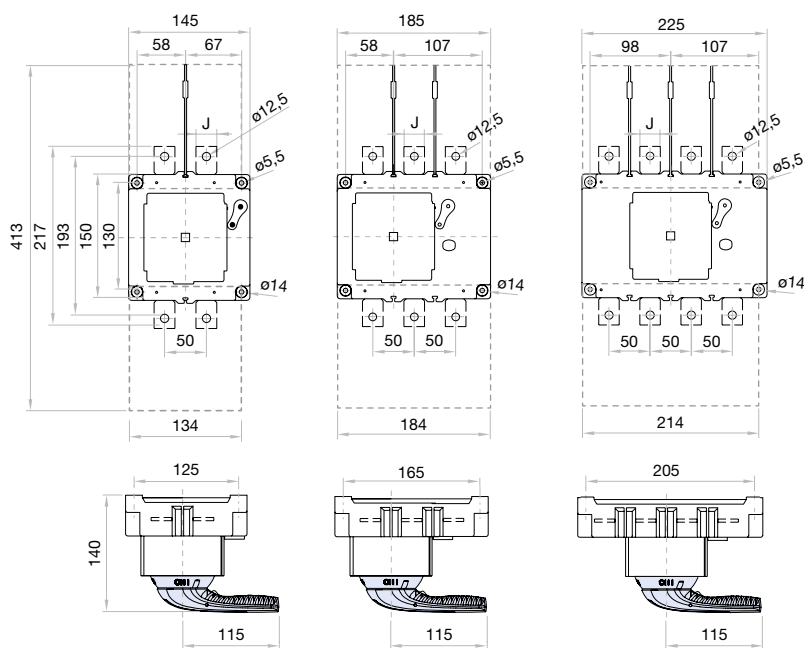
Simple

Double



Dimensions (mm)

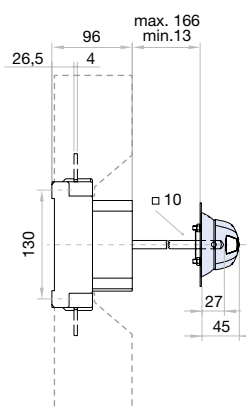
Door drilling for external handle



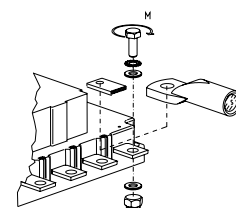
2P

3P

3P+N



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



	S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	T	M
					Nxm
200 A	185	8	25	M12	24
250 A	185	8	25	M12	24
315 A	185	8	25	M12	24
400 A	240 ^{*(t1)}	8	30	M12	24

^{*(t1)} Using phase barriers DR-SF__ to maintain the required clearance.

S6 AC

Switch - disconnecter

base mounting 2P - 3P - 3P+N

Size 2

A 500|630|800



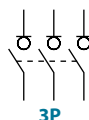
CODE - 2P

500A S6-05002PS0
630A S6-06302PS0
800A S6-08002PD0



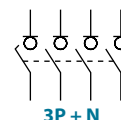
CODE - 3P

500A S6-05003PS0
630A S6-06303PS0
800A S6-08003PD0



CODE - 3P + N

500A S6-05003NS0
630A S6-06303NS0
800A S6-08003ND0



Technical information



According to IEC 60947-3

						500	630	800
Rated thermal current in ambient at	Ith	40° C		A	500	630	800	
		50° C		A	500	630	800	
		60° C		A	500	630	800	
Rated insulation voltage	Ui			V	1000	1000	1000	
Rated impulse withstand voltage	Uimp			kV	12	12	12	
AC Rated operational current ^{*(1)}	Ie	Triphasic	Ue 400V	AC23A	A	500	630	800
			Ue 690V	AC21A	A	500	630	630
			Ue 800V	AC21B	A	-	-	500 ^{*(3)}
Rated breaking capacity	400V, cos φ=0,35-0,45				A	4000	5040	6400
Rated making capacity	400V, cos φ=0,45				A	5000	6300	8000

^{*(1)} Other voltages and / or utilization categories. Please consult

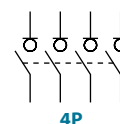
^{*(2)} Without limiting protective device (short-circuit maintained 50... 100 ms.)

^{*(3)} 3P/3P+N

tests:



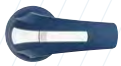
		500	630	800
Short - circuit behaviour				
Rated short-circuit making capacity ^{*(2)}	Icm kA (peak)	26	26	26
Rated short-time withstand current (1sec)	Icw kA rms	16	16	16
Mechanical features				
Number of mechanical operations (according to the standards, for other values please consult)	Cycles	5000	5000	5000
Maximum weight 2P	kg	3,91	3,91	3,91
Maximum weight 3P	kg	4,76	4,76	4,76
Maximum weight 3P + N	kg	5,70	5,70	5,70



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



Accessories



» Direct handle

CODE DS-LI21

» External handle included shaft ^{*(e1)}

IP65

CODE DS-LA21



» External handle without shaft

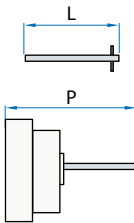
IP65

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

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



» Auxiliary contacts

1NO+1NC CODE D5LAU01

2NO+2NC CODE D5LAU02

I_e = 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

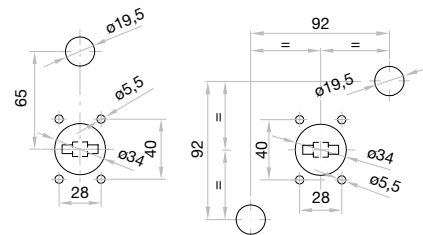
Double CODE DS-CF21

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

Door drilling for handle and key lock device

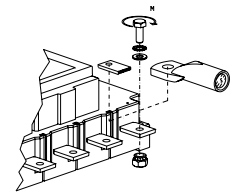
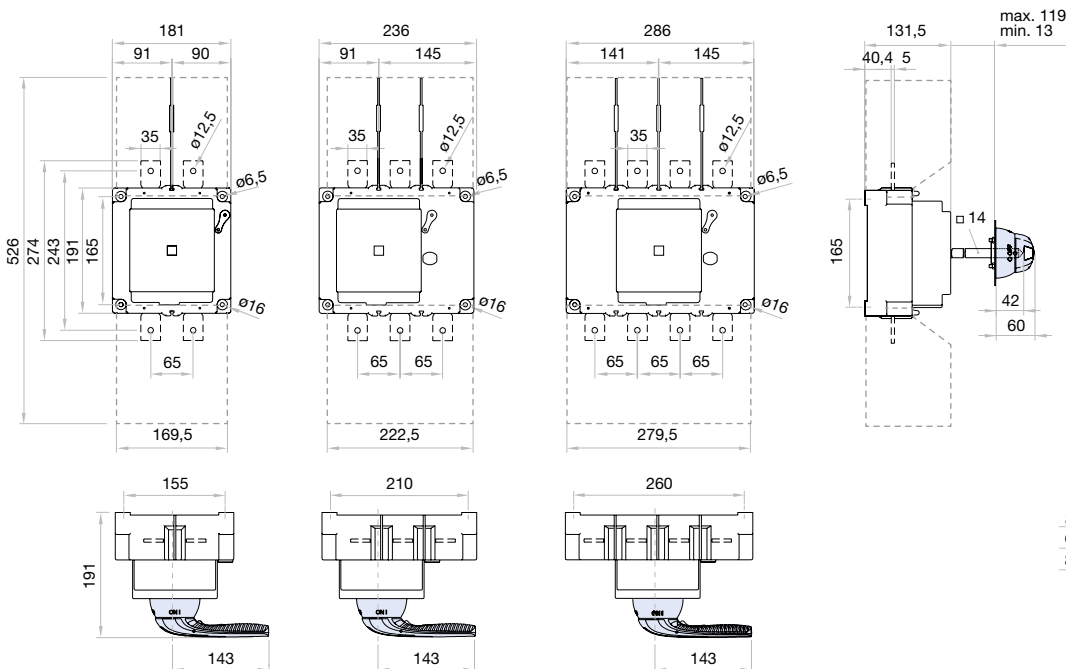
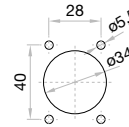
Simple

Double



Dimensions (mm)

Door drilling for external handle



	S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	T	M
					Nxm
500 A	2x150	2x5	35	M12	24
630 A	2x185	2x6	35	M12	24
800 A	2x240	2x7	35	M12	24

2P

3P

3P+N

S5M AC Switch - disconnecter base mounting 6P - 8P

Size 0

A 125|160|200



CODE - 125A

6P S5M01256PS0
8P S5M01258PS0



CODE - 160A

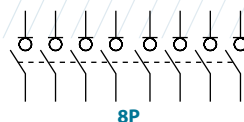
6P S5M01606PS0
8P S5M01608PS0

CODE - 200A

6P S5M02006PS0
8P S5M02008PS0



6P



8P

Technical information



According to IEC 60947-3

				125	160	200
Rated thermal current in ambient at	I _{th}	40 °C	A	125	160	200
		50 °C	A	125	160	200
		60 °C	A	125	160	200
Rated insulation voltage	U _i	V		1000	1000	1000
Rated impulse withstand voltage	U _{imp}	kV		8	8	8
AC rated operational current ^{*(1)} (Rated operational frequency 50/60 Hz)	I _e	U _e 400V AC21A	A	125	160	200
		U _e 400V AC22A	A	125	160	200
		U _e 400V AC23A	A	125	160	160
Rated breaking capacity	400V	AC23	A	1000	1280	1280
Rated making capacity	400V	AC23	A	1250	1600	1600

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

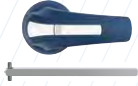
				125	160	200
Short - circuit behaviour						
Rated short-circuit making capacity ^{*(2)}	I _{cm} kA (peak)			13	13	13
Rated short-time withstand current (1sec.)	I _{cw} kA rms			7	7	7
Mechanical features						
Number of mechanical operations (according to the standards, for other values please consult)	Cycles			8000	8000	8000
Maximum weight 6P	Kg			1,8	1,8	1,9
Maximum weight 8P	Kg			2,1	2,1	2,2

Accessories



» Direct handle

CODE DS-SI01

» External handle included shaft ^{*(e1)}

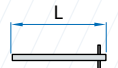
IP65

CODE DS-LA01

» Emergency external handle included shaft ^{*(e1)}

IP65

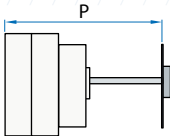
CODE DS-LR01



» Shafts

Standard shaft included ^{*(e1)}

L (mm)	P (mm)
177	155... 263



» Auxiliary contacts

1NO+1NC CODE DS-AU11

2NO+2NC CODE DS-AU12

I_e = 16 A (resistive loads)

4 A (inductive loads) at 250 Vac.

» Terminal shrouds ^{*(T)}

	UP 6P (1 unit)	DOWN 6P (1 unit)	UP OR DOWN 8P (1 unit)
	DS-CU02	DS-CU03	DS-CU04
	DS-CU05	DS-CU06	DS-CU07

(For frontal switch only)

» Phase barrier ^{*(T)}

	6P	8P
	DS-PB01	DS-PB02
	DS-PB04	DS-PB03

(1 kit for input or output)

^{*(T)} These accessories aren't compatible with each other.

» Safety key lock devices

Simple CODE DS-CAB1

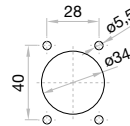
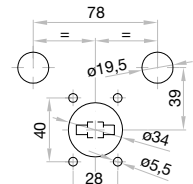
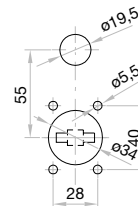
Double CODE DS-CEB1

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

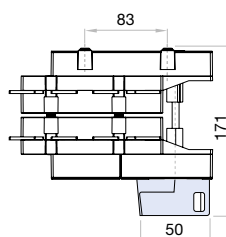
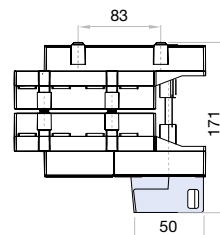
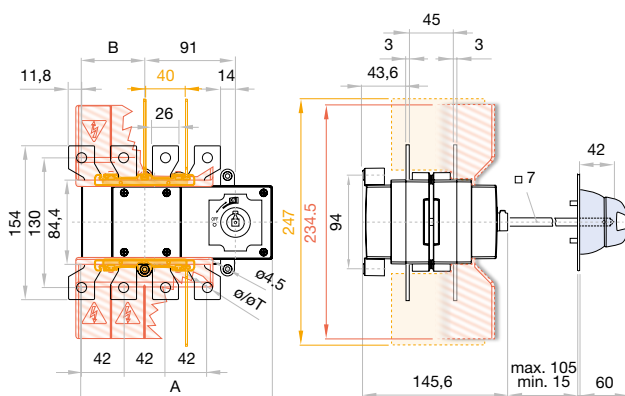
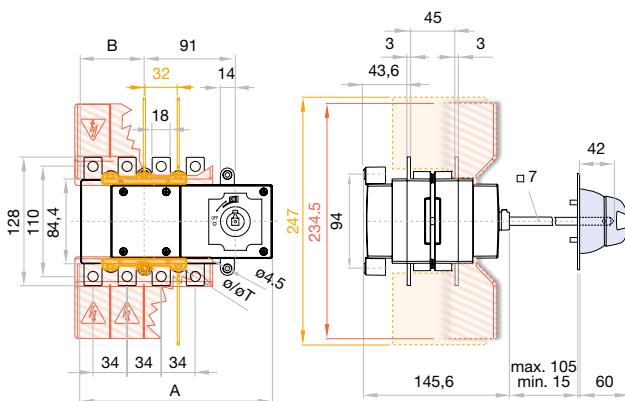
Simple

Double



Door drilling for external handle

Dimensions (mm)



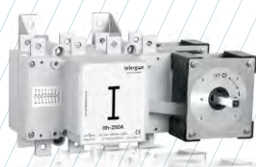
	A		B		Ø	S max (Cu)	H max (Cu)	L max (Cu)	M
	6P	8P	6P	8P		mm ²	mm	mm	Nxm
125 A	181	192	53	64	10	95	5	25	M8
160 A									13

	A		B		Ø	S max (Cu)	Z max	H max (Cu)	L max (Cu)	M
	6P	8P	6P	8P		mm ²	mm	mm	mm	Nxm
200 A	181	192	53	64	10	120	30	5	30	M10
										18

S5M AC Switch - disconnecter base mounting 6P - 8P

Size 1

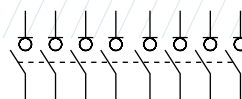
A 250|315|400



	CODE - 250A	CODE - 315A	CODE - 400A
6P	S5M02506PR0	S5M03156PR0	S5M04006PC0
8P	S5M02508PR0	S5M03158PR0	S5M04008PC0



6P



8P

Technical information



According to IEC 60947-3

				250	315	400	
Rated thermal current in ambient at	Ith	40 °C		A	250	315	400
		50 °C		A	250	315	400
		60 °C		A	250	315	320
Rated insulation voltage	Ui			V	1000	1000	1000
Rated impulse withstand voltage	Uimp			kV	8	8	8
AC rated operational current ^{*(1)} (Rated operational frequency 50/ 60 Hz)	Ie	Ue 400V	AC21A	A	250	315	400
		Ue 400V	AC22A	A	250	315	400
		Ue 400V	AC23A	A	250	315	400
Rated breaking capacity	400V		AC23	A	2000	2520	3200
Rated making capacity	400V		AC23	A	2500	3150	4000

^{*(1)} Other voltages and / or utilization categories. Please consult

^{*(2)} Without limiting protective device (short-circuit maintained 50... 100 ms.)

			250	315	400
Short - circuit behaviour					
Rated short-circuit making capacity ^{*(2)}	Icm kA (peak)		20	20	20
Rated short-time withstand current (1sec.)	Icw kA rms		12	12	12
Mechanical features					
Number of mechanical operations (according to the standards, for other values please consult)	Cycles		8000	8000	5000
Maximum weight 6P	Kg		5,5	5,5	5,7
Maximum weight 8P	Kg		5,8	5,8	6

Accessories



» Direct handle

CODE DS-LI12

» External handle included shaft ^{*(e1)}

IP65

CODE DS-LA12



» External handle without shaft

IP65

CODE DS-LA15

» Emergency external handle included shaft ^{*(e1)}

IP65

CODE DS-LR12



» Shafts

Standard shaft included ^{*(e1)}

L (mm)	P (mm)
277	288... 422



» Auxiliary contacts

1NO+1NC	CODE DS-AU11
2NO+2NC	CODE DS-AU12

I_e = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.

» Terminal protection ^{*(T)}

CODE DS-CU12

(1 unit for input or output only frontal side)

» Terminal shrouds ^{*(T)}

CODE DS-CU11

(1 kit for input or output only frontal side)

» Phase barrier ^{*(T)}

	6P	8P
DS-PB12	DS-PB11	
DS-PB14	DS-PB13	

(1 kit for input or output)

^{*(T)} These accessories aren't compatible with each other.

» Safety key lock devices

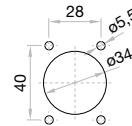
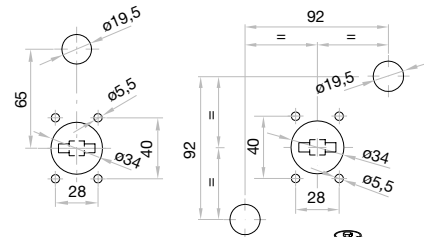
Simple CODE DS-CB12

Double CODE DS-CF11

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

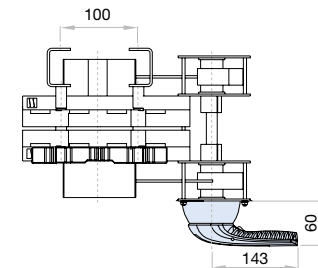
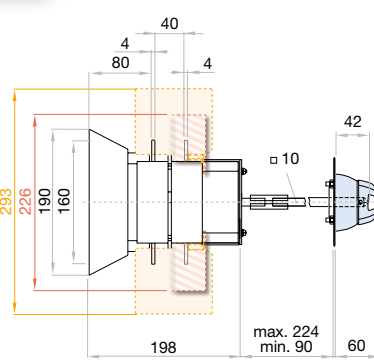
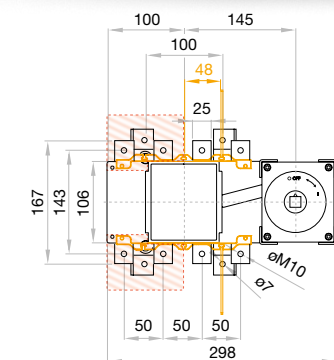
Door drilling for handle and key lock device

Simple Double

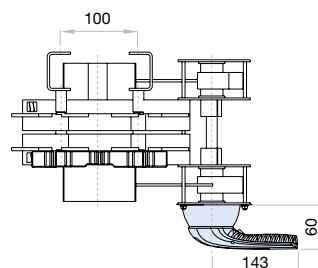
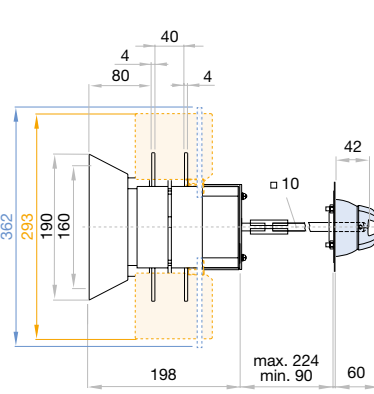
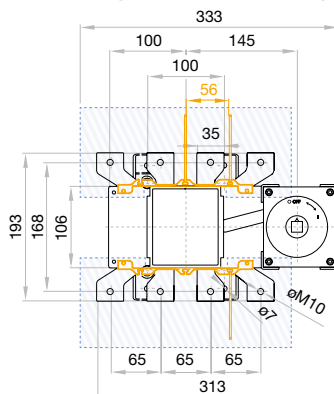


Door drilling for external handle

Dimensions (mm)



	S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	M	M
				Nxm	
250 A	185	7	25	M10	18
315 A					



	S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	M	M
				Nxm	
400 A	240	7	40	M10	24

S5M AC Switch - disconnecter base mounting 6P - 8P

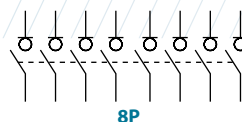
Size 2

A

500|630



	CODE-500A		CODE-630A	
6P	S5M05006PR0		S5M06306PR0	
8P	S5M05008PR0		S5M06308PR0	



Technical information



According to IEC 60947-3

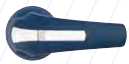
				500	630
Rated thermal current in ambient at	I _{th}	40 °C	A	500	630
		50 °C	A	500	630
		60 °C	A	500	630
Rated insulation voltage	U _i		V	1000	1000
Rated impulse withstand voltage	U _{imp}		kV	12	12
AC rated operational current ^{*(1)} (Rated operational frequency 50/60 Hz)	I _e	Ue 400V AC21A	A	500	630
		Ue 400V AC22A	A	500	630
		Ue 400V AC23A	A	500	630
Rated breaking capacity		400V AC23	A	4000	5000
Rated making capacity		400V AC23	A	5000	6300

^{*(1)} Other voltages and / or utilization categories. Please consult

^{*(2)} Without limiting protective device (short-circuit maintained 50... 100 ms.)

			500	630
Short - circuit behaviour				
Rated short-circuit making capacity ^{*(2)}	I _{cm} kA (peak)		26	26
Rated short-time withstand current (1sec.)	I _{cw} kA rms		16	16
Mechanical features				
Number of mechanical operations (according to the standards, for other values please consult)	Cycles		5000	5000
Maximum weight 6P			12,3	12,3
Maximum weight 8P			13	13

Accessories



» Direct handle

CODE DS-LI22

» External handle included shaft ^{*(e1)}

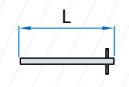
IP65

CODE DS-LA22

» Emergency external handle included shaft ^{*(e1)}

IP65

CODE DS-LR22



» Shafts

Standard shaft included ^{*(e1)}

L (mm)	P (mm)
239	325... 490



» Auxiliary contacts

1NO+1NC CODE DS-AU11

2NO+2NC CODE DS-AU12

I_e = 16 A (resistive loads)

4 A (inductive loads) at 250 Vac.

» Terminal shrouds ^{*(T)}

CODE DS-CU21

(1 kit for input or output frontal side)

» Phase barrier ^{*(T)}6P
DS-PB228P
DS-PB21

(1 kit for input or output)

^{*(T)} These accessories aren't compatible with each other.

» Safety key lock devices

Simple CODE DS-CB21

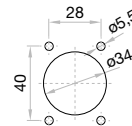
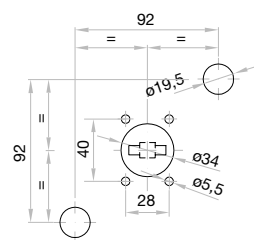
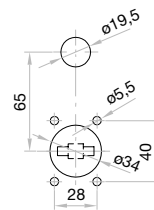
Double CODE DS-CF21

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

Door drilling for handle and key lock device

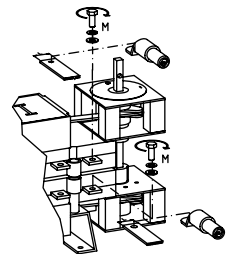
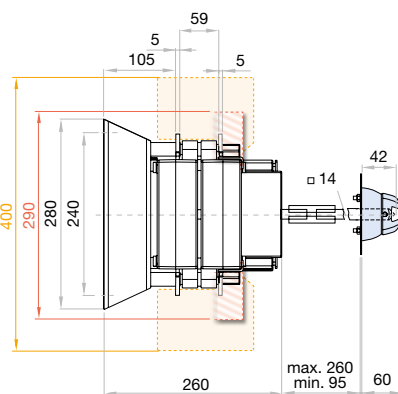
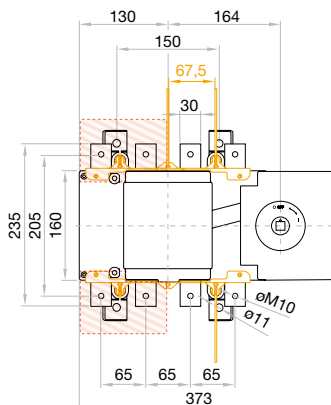
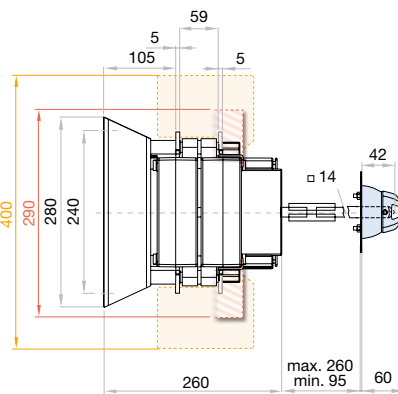
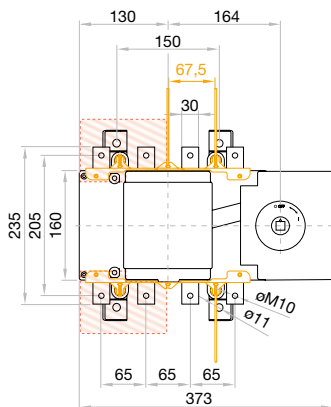
Simple

Double

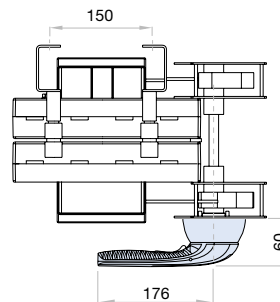


Door drilling for external handle

Dimensions (mm)



	S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	M	M
500 A	2x185	6	40	M10	24



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

S5M AC Switch - disconnecter base mounting 6P - 8P

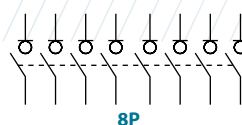
Size 3

A

800|1000



	CODE - 800A	CODE - 1000A
6P	S5M08006PR0	S5M10006PC0
8P	S5M08008PR0	S5M10008PC0



Technical information



According to IEC 60947-3

					800	1000
Rated thermal current in ambient at	Ith	40 °C		A	800	1000
		50 °C		A	800	1000
		60 °C		A	800	900
Rated insulation voltage	Ui			V	1000	1000
Rated impulse withstand voltage	Uimp			kV	12	12
AC rated operational current ^{*(1)} (Rated operational frequency 50/ 60 Hz)	Ie	Ue 400V	AC21A	A	800	1000
		Ue 400V	AC22A	A	800	1000
		Ue 400V	AC23A	A	800	1000
Rated breaking capacity		400V	AC23	A	6400	8000
Rated making capacity		400V	AC23	A	8000	10000

^{*(1)} Other voltages and / or utilization categories. Please consult

^{*(2)} Without limiting protective device (short-circuit maintained 50... 100 ms.)

		800	1000
Short - circuit behaviour			
Rated short-circuit making capacity ^{*(2)}	Icm kA (peak)	60	60
Rated short-time withstand current (1sec.)	Icw kA rms	25	25
Mechanical features			
Number of mechanical operations (according to the standards, for other values please consult)	Cycles	3000	3000
Maximum weight 6P		18,5	18,5
Maximum weight 8P		20	20



Accessories



» Direct handle

CODE DS-LI41

» External handle included shaft ^{*(e1)}

IP65

CODE DS-LA41



» External handle without shaft

IP65

CODE DS-LA43

» Emergency external handle included shaft ^{*(e1)}

IP65

CODE DS-LR41

» Terminal shrouds ^{*(T)}

CODE DS-CU31

(1 kit for input or output only frontal side)

» Phase barrier ^{*(T)}6P
DS-PB328P
DS-PB31

(1 kit for input or output)

^{*(T)} These accessories aren't compatible with each other.

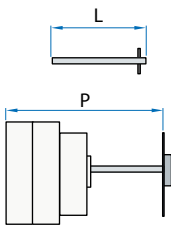
» Safety key lock devices

Simple CODE DS-CB41

Double CODE DS-CF41

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

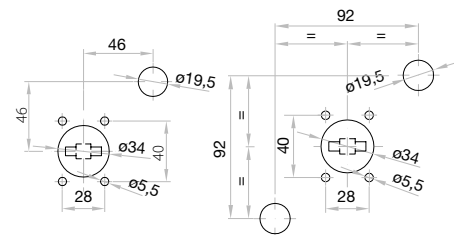
Door drilling for handle and key lock device
Simple Double



» Shafts

Standard shaft included ^{*(e1)}

L (mm)	P (mm)
239	408... 573



» Auxiliary contacts

1NO+1NC CODE DS-AU11

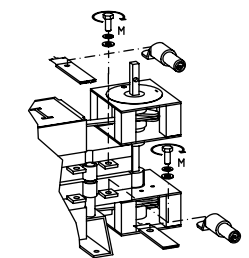
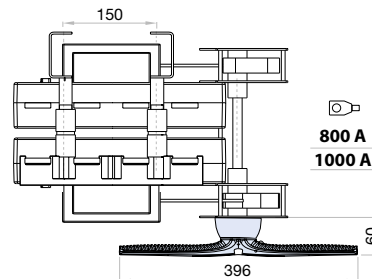
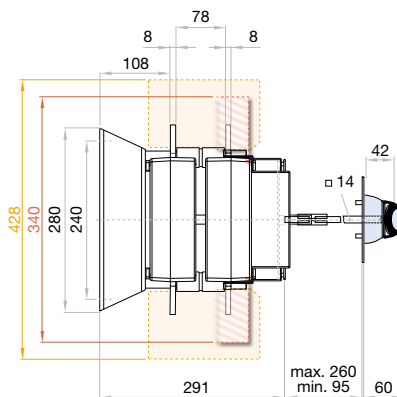
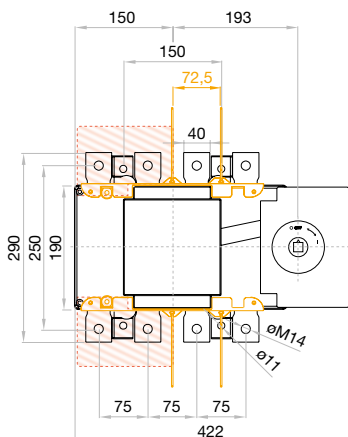
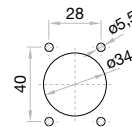
2NO+2NC CODE DS-AU12

I_e = 16 A (resistive loads)

4 A (inductive loads) at 250 Vac.

Dimensions (mm)

Door drilling for external handle



	S max (Cu)	H max (Cu)	L max (Cu)	M	
	mm ²	mm	mm	M14	Nxm
800 A	2x240	2x10	50	M14	45
1000 A	2x300	2x10			

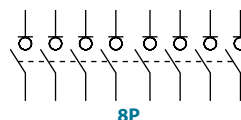
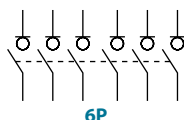
S₅N AC Switch - disconnecter base mounting 6P - 8P

Size 4

A 1250|1600|1800|2000



	CODE - 1250A	CODE - 1600A	CODE - 1800A	CODE - 2000A
6P	S5N12506PS0	S5N16006PS0	S5N18006PS0	S5N20006PD0
8P	S5N12508PS0	S5N16008PS0	S5N18008PS0	S5N20008PD0



Technical information



According to IEC 60947-3

			1250	1600	1800	2000	
Rated thermal current in ambient at	I _{th}	40 °C	A	1250	1600	1800	2000
		50 °C	A	1250	1600	1800	1800
		60 °C	A	1000	1600	1600	1600
Rated insulation voltage	U _i	V	1000	1000	1000	1000	
Rated impulse withstand voltage	U _{imp}	kV	12	12	12	12	
AC rated operational current ^{*(1)}	I _e	Ue 400V AC21B	A	1250	1600	1800	2000
(Rated operational frequency 50/ 60 Hz)		Ue 400V AC22B	A	1250	1600	1800	2000

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

			1250	1600	1800	2000
Rated breaking capacity	400V AC22	A	3750	4800	5400	6000
Rated making capacity	400V AC22	A	3750	4800	5400	6000
Short - circuit behaviour						
Rated short-circuit making capacity ^{*(2)}	I _{cm}	kA (peak)	60	60	60	60
Rated short-time withstand current (1sec.)	I _{cw}	kA rms	25	50	50	50
Mechanical features						
Number of mechanical operations (according to the standards, for other values please consult)	Cycles		600	600	600	600
Maximum weight 6P	Kg		42,9	42,9	42,9	42,9
Maximum weight 8P	Kg		47,3	47,3	47,3	47,3



Accessories



» Direct handle

CODE DS-LI41

» External handle included shaft ^{*(e1)}

IP65

CODE DS-LA41



» External handle without shaft

IP65

CODE DS-LA43

» Emergency external handle included shaft ^{*(e1)}

IP65

CODE DS-LR41



» Shafts

Standard shaft included ^{*(e1)}

L (mm)	P (mm)
239	420 ... 580



» Auxiliary contacts

1NO+1NC CODE DS-LA101

2NO+2NC CODE DS-LA102

I_e = 16 A (resistive loads)

4 A (inductive loads) at 250 Vac.



» Safety key lock devices

Simple CODE DS-CB41

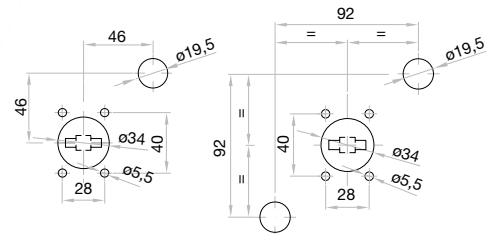
Double CODE DS-CF41

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

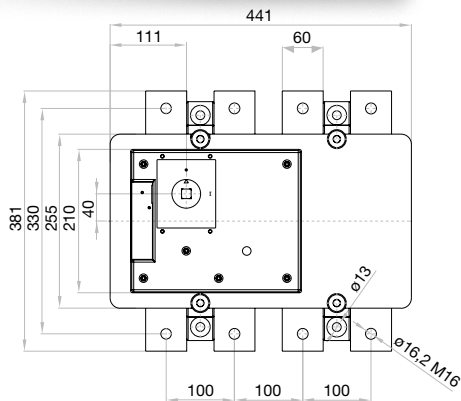
Door drilling for handle and key lock device

Simple

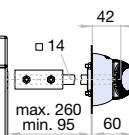
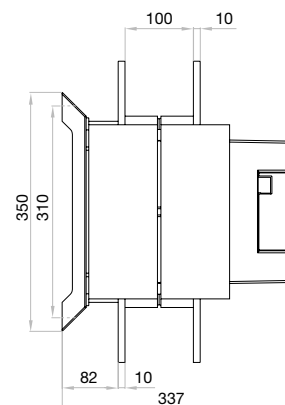
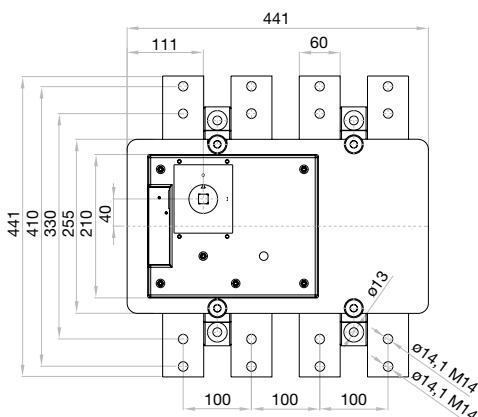
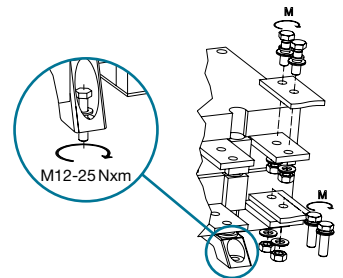
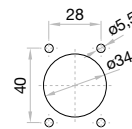
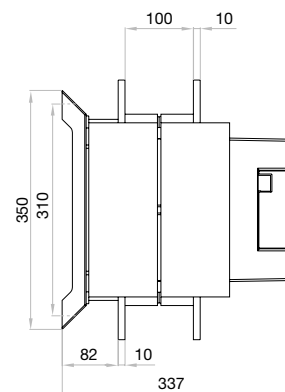
Double



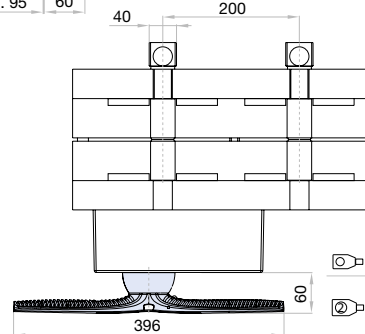
Dimensions (mm)



Door drilling for external handle



1250 A

1600 A
1800 A
2000 A

	H max (Cu) mm	L max (Cu) mm	M	Nxm
1250 A	2x10	80	M16	80
1600 A 1800 A 2000 A	2x10	80	M14	55

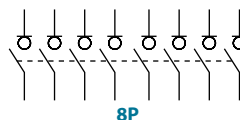
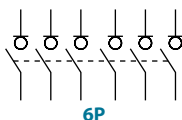
S6N AC Switch - disconnecter base mounting 6P - 8P

Size 1

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



	CODE-125A	CODE-160A	CODE-200A	CODE-250A	CODE-315A	CODE-400A
6P	S6N01256PS0	S6N01606PS0	S6N02006PS0	S6N02506PS0	S6N03156PS0	S6N04006PD0
8P	S6N01258PS0	S6N01608PS0	S6N02008PS0	S6N02508PS0	S6N03158PS0	S6N04008PD0



Technical information



According to IEC/EN 60947-3

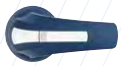
				125	160	200	250	315	400		
Rated thermal current in ambient at	Ith	40° C		A	125	160	200	250	315	400	
		50° C		A	125	160	200	250	315	400	
		60° C		A	125	160	200	250	315	400	
Rated insulation voltage	Ui			V	1000	1000	1000	1000	1000	1000	
Rated impulse withstand voltage	Uimp			kV	12	12	12	12	12	12	
AC Rated operational current ^{*(1)}	Ie	Triphasic	Ue 400V	AC21A	A	125	160	200	250	315	400
				AC22A	A	125	160	200	250	315	400
				AC23A	A	125	160	200	250	315	400
Rated breaking capacity	400V, cos φ=0,35-0,45			A	1000	1280	1600	2000	2520	3200	
Rated making capacity	400V, cos φ=0,45			A	1250	1600	2000	2500	3150	4000	

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

			125	160	200	250	315	400
Short - circuit behaviour								
Rated short-circuit making capacity ^{*(2)}	I _{cm} kA (peak)		20	20	20	20	20	20
Rated short-time withstand current (1sec)	I _{cw} kA rms		12	12	12	12	12	12
Mechanical features								
Number of mechanical operations (according to the standards, for other values please consult)	Cycles		8000	8000	8000	8000	8000	5000



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

» Shafts

Standard shaft included ^{*(e1)}

L (mm)	P (mm)
227	185... 336

Shaft extensions

Type 1

L (mm)	P (mm)	CODE
375	185... 486	DS-EP14

Type 2

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



» Auxiliary contacts

1NO+1NC CODE D5LAU01

2NO+2NC CODE D5LAU02

I_e = 16 A (resistive loads)

4 A (inductive loads) at 250 Vac.



» Safety key lock device

Simple CODE DS-CA11

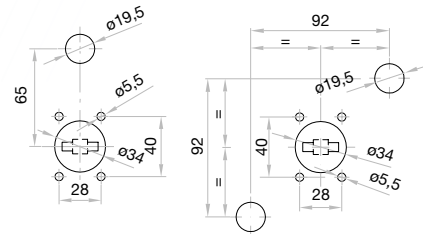
Double CODE DS-CE11

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

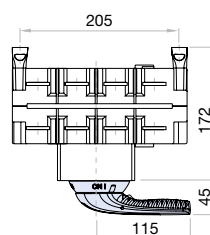
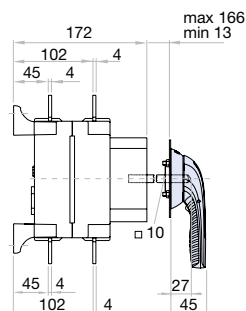
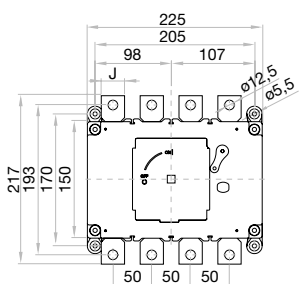
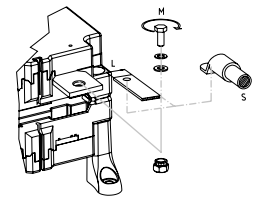
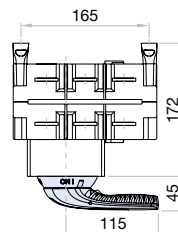
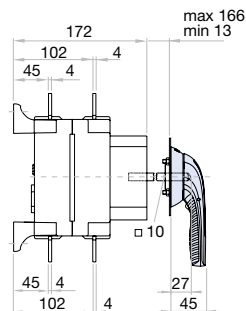
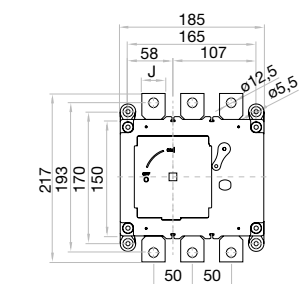
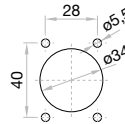
Simple

Double



Dimensions (mm)

Door drilling for external handle



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

S6N AC

Switch - disconnecter

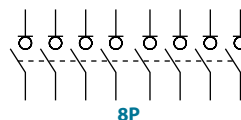
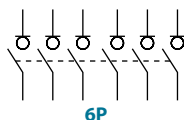
base mounting 6P - 8P

Size 2

A 500|630



	CODE-500A	
6P	S6N05006PR0	S6N06306PS0
8P	S6N05008PR0	S6N06308PS0



Technical information



According to IEC/EN 60947-3

				500	630
Rated thermal current in ambient at	Ith	40° C	A	500	630
		50° C	A	500	630
		60° C	A	500	630
Rated insulation voltage	Ui		V	1000	1000
Rated impulse withstand voltage	Uimp		kV	12	12
AC Rated operational current ^{*(1)}	Ie	Triphasic Ue 400V	AC21B A	500	630
			AC22B A	500	630
			AC23B A	500	630
Rated breaking capacity		400V, cos φ=0,35-0,45	A	4000	5040
Rated making capacity		400V, cos φ=0,45	A	5000	6300

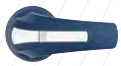
^{*(1)} Other voltages and / or utilization categories. Please consult

^{*(2)} Without limiting protective device (short-circuit maintained 50... 100 ms.)

		500	630
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	800	800

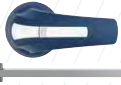


Accessories



» 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	244... 350

Shaft extensions

Type 1

L (mm)	P (mm)	CODE
345	244... 500	DS-EP23

Type 2

L (mm)	P (mm)	CODE
535	244... 690	DS-EP24



» Auxiliary contacts

1NO+1NC CODE D5LAU01

2NO+2NC CODE D5LAU02

I_e = 16 A (resistive loads)

4 A (inductive loads) at 250 Vac.



» Safety key lock device

Simple CODE DS-CB21

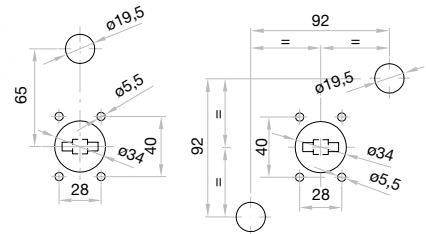
Double CODE DS-CF21

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

Door drilling for handle and key lock device

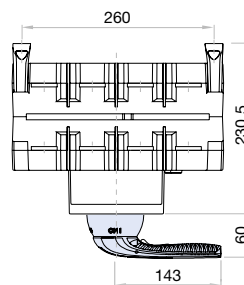
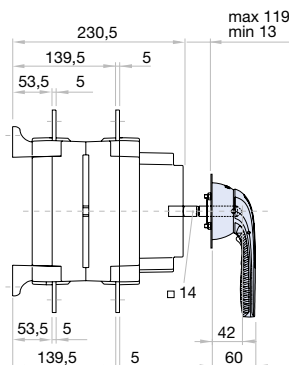
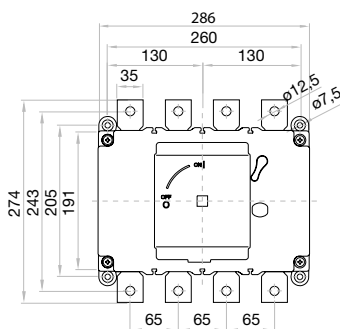
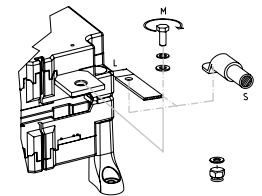
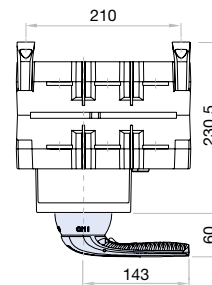
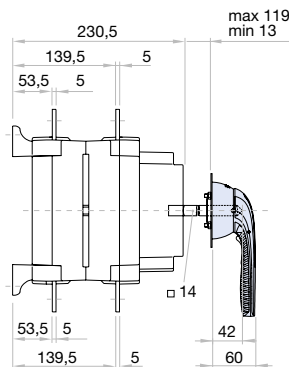
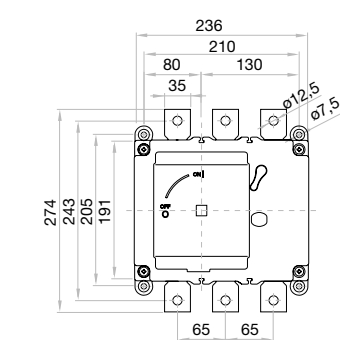
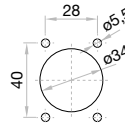
Simple

Double



Dimensions (mm)

Door drilling for external handle



				
	S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	 M
500 A	2x150	2x5	35	M12 24
630 A	2x185	2x6	35	M12 24

CIS25 - A - C - D - F

Enclosed switch - disconnecter

IP65 (with or without fuse holders) 3P - 3P+N

Size 00

A

40|63|80



CIS25A



CIS25D

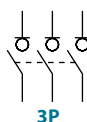


CIS25C

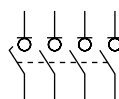


CIS25F

				CODE - 40A			CODE - 63A			CODE - 80A		
polyester enclosure + fuse holders	CIS25A	3P		CIS25A00403PB			CIS25A00633PB			CIS25A00803PB		
			3P + N	CIS25A00403NB			CIS25A00633NB			CIS25A00803NB		
polyester enclosure	CIS25D	3P		CIS25D00403PB			CIS25D00633PB			CIS25D00803PB		
			3P + N	CIS25D00403NB			CIS25D00633NB			CIS25D00803NB		
metal enclosure	CIS25C	3P		CIS25C00403PB			CIS25C00633PB			CIS25C00803PB		
			3P + N	CIS25C00403NB			CIS25C00633NB			CIS25C00803NB		
metal enclosure + fuse holders	CIS25F	3P		CIS25F00403PB			CIS25F00633PB			CIS25F00803PB		
			3P + N	CIS25F00403NB			CIS25F00633NB			CIS25F00803NB		



3P



3P + N

Technical information



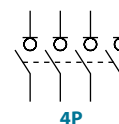
According to IEC 60947-3
IEC 61439-2

				40	63	80
Rated thermal current in ambient at	I _{the}	40 °C	A	50	63	80
Rated insulation voltage	U _i		V	800	800	800
Rated impulse withstand voltage	U _{imp}		kV	8	8	8
AC rated operational current ^{*(1)} (Rated operational frequency 50/60 Hz)	I _e	U _e 400V AC21A	A	50	63	80
		U _e 400V AC22A	A	50	63	63
		U _e 400V AC23A	A	50	50	50
Rated breaking capacity		400V AC23	A	400	400	400
Rated making capacity		400V AC23	A	500	500	500

^{*(1)} Other voltages and / or utilization categories. Please consult

^{*(2)} Without limiting protective device (short-circuit maintained 50... 100 ms.)

				40	63	80
Short - circuit behaviour						
Rated short-circuit making capacity ^{*(2)}	I _{cm}	kA (peak)		5	5	5
Rated short-time withstand current (1sec.)	I _{cw}	kA rms		3	3	3
Mechanical features						
Number of mechanical operations (according to the standards, for other values please consult)	Cycles			10000	10000	10000
Maximum weight 3P	Kg			Consult		
Maximum weight 3P + N	Kg			Consult		



4P

Also available 4P switches
under request, please consult

Accessories

» **External handle** included
IP65



» **Emergency external handle** under request
IP65



» **Auxiliary contacts**

1NO+1NC CODE D5LAU01
2NO+2NC CODE D5LAU02

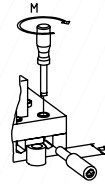
I_e = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.



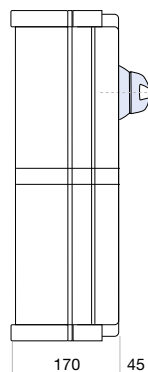
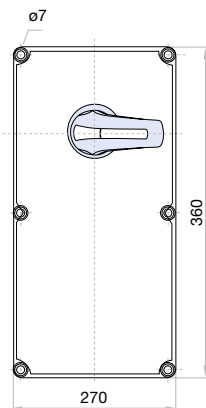
» **Safety key lock device**

Simple CODE D5-CAB1
Double CODE D5-CEB1

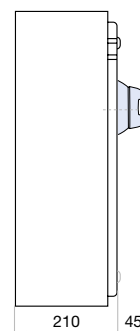
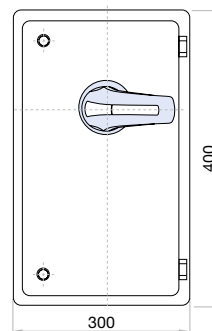
For external handle, lock the handle by means of a key in position "OFF" (under request, in "ON", the key can only be removed with the handle locked)



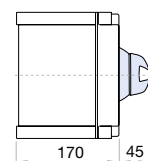
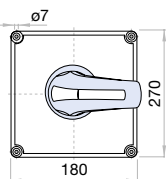
S max (Cu)	M
mm ²	Nxm
25	2

Dimensions (mm)

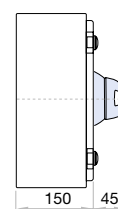
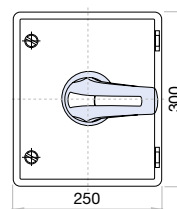
CIS25A
NH 00



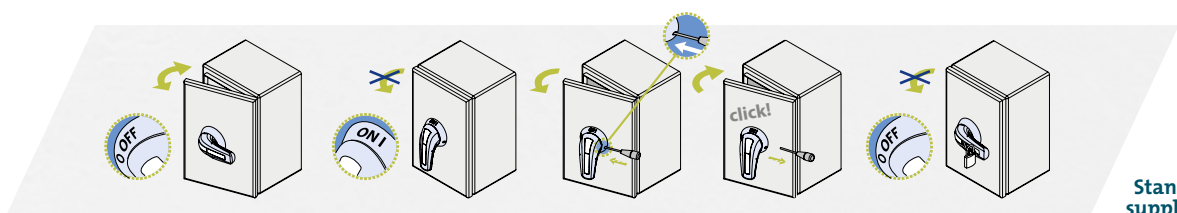
CIS25F
NH 00



CIS25D



CIS25C



Standard
supply

CIS25 - A - C - D - F

Enclosed switch - disconnecter

IP65 (with or without fuse holders) 3P - 3P+N

Size 0

A

125|160



CIS25A



CIS25D

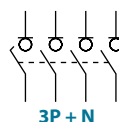
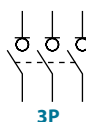


CIS25C



CIS25F

				CODE - 125A		CODE - 160A	
polyester enclosure + fuse holders	CIS25A	3P	3P + N	CIS25A01253PB		CIS25A01603PB	
				CIS25A01253NB		CIS25A01603NB	
polyester enclosure	CIS25D	3P	3P + N	CIS25D01253PB		CIS25D01603PB	
				CIS25D01253NB		CIS25D01603NB	
metal enclosure	CIS25C	3P	3P + N	CIS25C01253PB		CIS25C01603PB	
				CIS25C01253NB		CIS25C01603NB	
metal enclosure + fuse holders	CIS25F	3P	3P + N	CIS25F01253PB		CIS25F01603PB	
				CIS25F01253NB		CIS25F01603NB	



Technical information



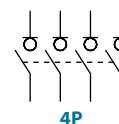
According to IEC 60947-3
IEC 61439-2

				125	160
Rated thermal current in ambient at	I _{the}	40 °C	A	125	160
Rated insulation voltage	U _i		V	1000	1000
Rated impulse withstand voltage	U _{imp}		kV	8	8
AC rated operational current ^{*(1)} (Rated operational frequency 50/60 Hz)	I _e	U _e 400V AC21A	A	125	160
		U _e 400V AC22A	A	125	160
		U _e 400V AC23A	A	125	160
Rated breaking capacity		400V AC23	A	1000	1280
Rated making capacity		400V AC23	A	1250	1600

^{*(1)} Other voltages and / or utilization categories. Please consult

^{*(2)} Without limiting protective device (short-circuit maintained 50... 100 ms.)

				125	160
Short - circuit behaviour					
Rated short-circuit making capacity ^{*(2)}	I _{cm}	kA (peak)		13	13
Rated short-time withstand current (1sec.)	I _{cw}	kA rms		7	7
Mechanical features					
Number of mechanical operations (according to the standards, for other values please consult)	Cycles			8000	8000
Maximum weight 3P		Kg		Consult	
Maximum weight 3P + N		Kg		Consult	



Also available 4P switches
under request, please consult

Accessories

» **External handle** included
IP65



» **Emergency external handle** under request
IP65



» **Auxiliary contacts**

1NO+1NC CODE D5LAU01
2NO+2NC CODE D5LAU02

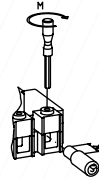
Ie = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.



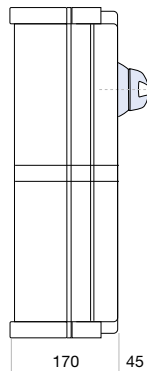
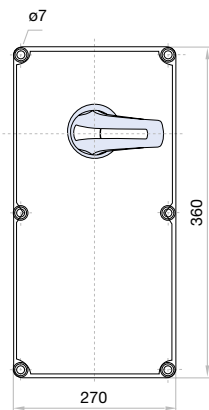
» **Safety key lock device**

Simple CODE D5-CAB1
Double CODE D5-CEB1

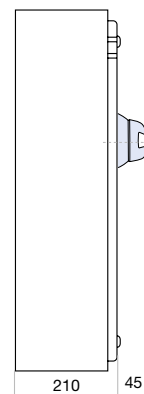
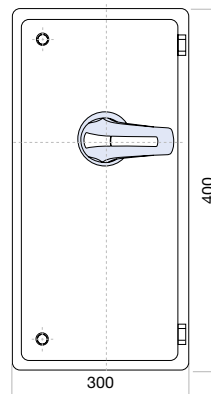
For external handle, lock the handle by means of a key in position "OFF" (under request, in "ON"), the key can only be removed with the handle locked



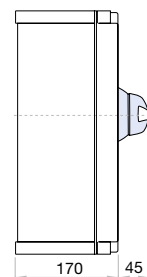
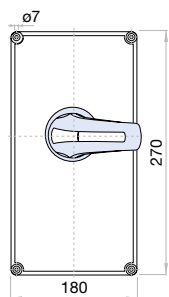
S max (Cu)	M
mm ²	Nxm
95	4

Dimensions (mm)

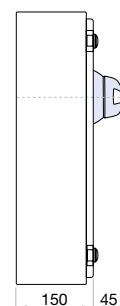
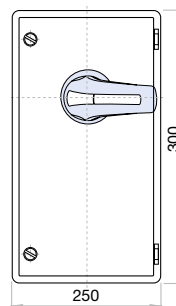
CIS25A
NH 00



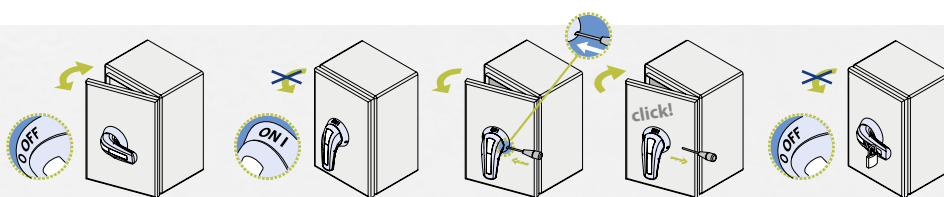
CIS25F
NH 00



CIS25D



CIS25C



Standard
supply

CIS25 - A - C - D - F

Enclosed switch - disconnecter

IP65 (with or without fuse holders) 3P - 3P+N

Size 1

A 200|250|315|400



CIS25A



CIS25D



CIS25C



CIS25F

polyester enclosure
+ fuse holders**CIS25A**

3P

CODE - 200A

CIS25A02003PR

CODE - 250A

CIS25A02503PR

CODE - 315A

CIS25A03153PR

CODE - 400A

-

polyester enclosure

CIS25D

3P

CIS25D02003PR

CIS25D02503PR

CIS25D03153PR

-

metal enclosure

CIS25C

3P

CIS25C02003PR

CIS25C02503PR

CIS25C03153PR

CIS25C04003PC

metal enclosure
+ fuse holders**CIS25F**

3P

CIS25F02003PR

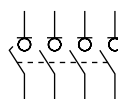
CIS25F02503PR

CIS25F03153PR

-



3P



3P + N

Technical information



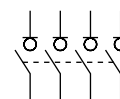
According to IEC 60947-3
IEC 61439-2

				200	250	315	400
Rated thermal current in ambient at	I _{the}	40 °C	A	200	250	315	400
Rated insulation voltage	U _i	V		1000	1000	1000	1000
Rated impulse withstand voltage	U _{imp}	kV		8	8	8	8
AC rated operational current ^{*(1)}	I _e	U _e 400V AC21A	A	200	250	315	400
		U _e 400V AC22A	A	200	250	315	400
(Rated operational frequency 50/60 Hz)		U _e 400V AC23A	A	200	250	315	400
Rated breaking capacity		400V AC23	A	1600	2000	2520	3200
Rated making capacity		400V AC23	A	2000	2500	3150	4000

^{*(1)} Other voltages and / or utilization categories. Please consult

^{*(2)} Without limiting protective device (short-circuit maintained 50... 100 ms.)

			200	250	315	400
Short - circuit behaviour						
Rated short-circuit making capacity ^{*(2)}	I _{cm} kA (peak)		20	20	20	20
Rated short-time withstand current (1sec.)	I _{cw} 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	5000
Maximum weight 3P	Kg		Consult			
Maximum weight 3P + N	Kg		Consult			



4P

Also available 4P switches
under request, please consult

Accessories



» **External handle** included
IP65



» **Emergency external handle** under request
IP65



» **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-CU11
(1 kit for input or output)

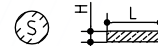
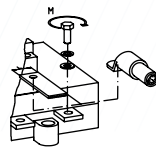


» **Safety key lock device**

Simple CODE DS-CA11

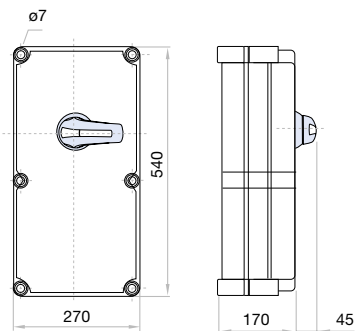
Double CODE DS-CE11

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



	S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	T	M
				Nxm	
200 A				M8	13
250 A	185	7	25	M10	18
315 A					
400 A	240	7	40	M10	24

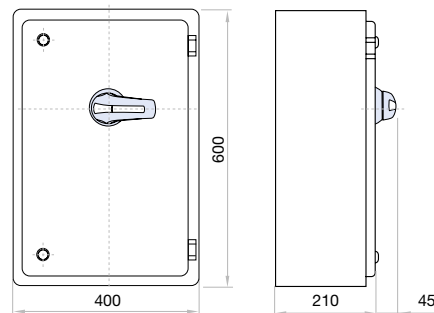
Dimensions (mm)



CIS25A



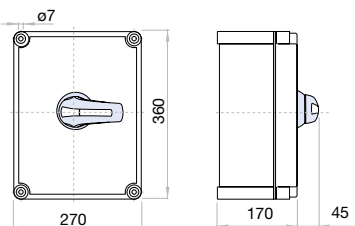
200A
NH 0
250A-315A
NH 1



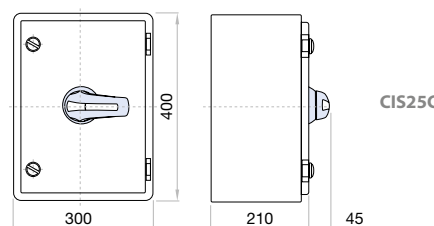
CIS25F



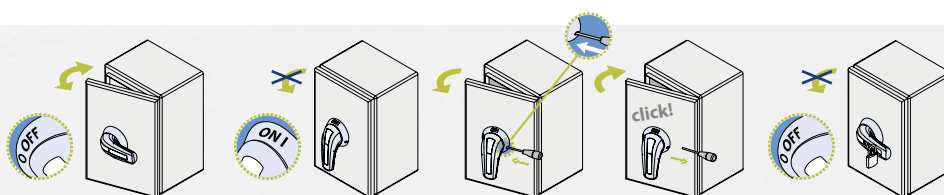
200A
NH 0
250A-315A
NH 1



CIS25D



CIS25C



Standard
supply

CIS25 - A - C - D - F

Enclosed switch - disconnecter

IP65 (with or without fuse holders) 3P - 3P+N

Size 2

A

400|630



CIS25A



CIS25D

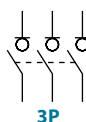


CIS25C

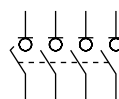


CIS25F

				CODE - 400A		CODE - 630A	
				CIS25A04003PR		CIS25A06303PR	
polyester enclosure + fuse holders	CIS25A	3P		CIS25A04003NR		CIS25A06303NR	
		3P + N					
polyester enclosure	CIS25D	3P		CIS25D04003PR		CIS25D06303PR	
		3P + N		CIS25D04003NR		CIS25D06303NR	
metal enclosure	CIS25C	3P		CIS25C04003PR		CIS25C06303PR	
		3P + N		CIS25C04003NR		CIS25C06303NR	
metal enclosure + fuse holders	CIS25F	3P		CIS25F04003PR		CIS25F06303PR	
		3P + N		CIS25F04003NR		CIS25F06303NR	



3P



3P + N

Technical information



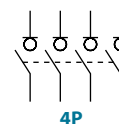
According to IEC 60947-3
IEC 61439-2

				400	630
Rated thermal current in ambient at	I _{the}	40 °C	A	400	630
Rated insulation voltage	U _i		V	1000	1000
Rated impulse withstand voltage	U _{imp}		kV	12	12
AC rated operational current ^{*(1)} (Rated operational frequency 50/60 Hz)	I _e	U _e 400V AC21A	A	400	630
		U _e 400V AC22A	A	400	630
		U _e 400V AC23A	A	400	630
Rated breaking capacity		400V AC23	A	3200	5000
Rated making capacity		400V AC23	A	4000	6300

^{*(1)} Other voltages and / or utilization categories. Please consult

^{*(2)} Without limiting protective device (short-circuit maintained 50... 100 ms.)

				400	630
Short - circuit behaviour					
Rated short-circuit making capacity ^{*(2)}	I _{cm}	kA (peak)		26	26
Rated short-time withstand current (1sec.)	I _{cw}	kA rms		16	16
Mechanical features					
Number of mechanical operations (according to the standards, for other values please consult)	Cycles			5000	5000
Maximum weight 3P		Kg		Consult	
Maximum weight 3P + N		Kg		Consult	



4P

Also available 4P switches
under request, please consult

Accessories

» **External handle** included
IP65



» **Emergency external handle** under request
IP65



» **Auxiliary contacts**

1NO+1NC CODE D5LAU01
2NO+2NC CODE D5LAU02

I_e = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.



» **Terminal protection**

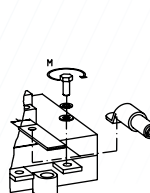
CODE DS-CU21
(1 kit for input or output)



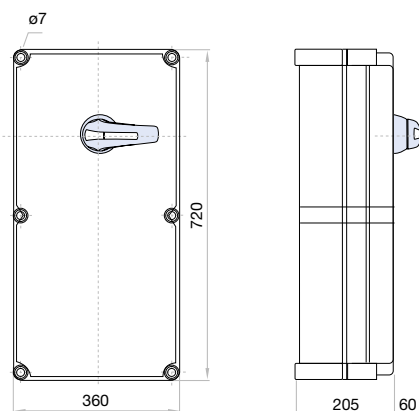
» **Safety key lock device**

Simple CODE DS-CB21
Double CODE DS-CF21

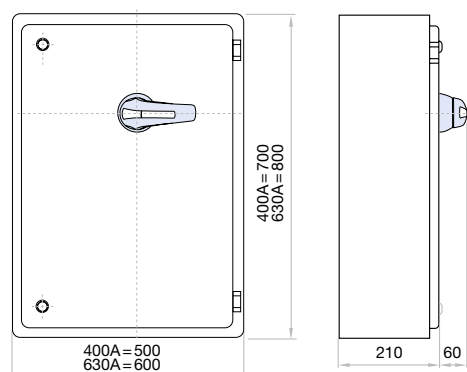
For external handle, lock the handle by means of a key in position "OFF" (under request, in "ON"), the key can only be removed with the handle locked



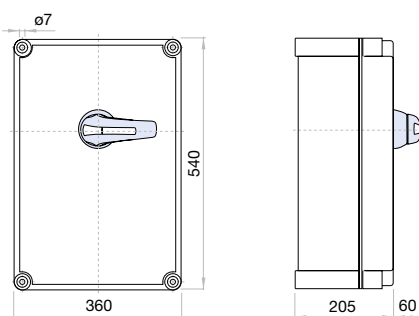
	S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	T	M
400 A	2x185	6	40	M10	24
630 A	2x240	2x5	40		

Dimensions (mm)

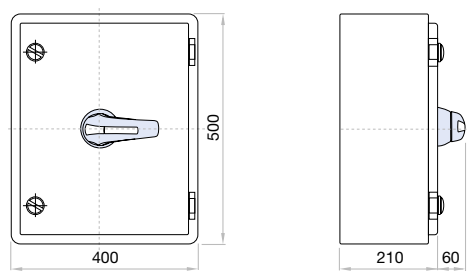
CIS25A
400A NH 2
630A NH 3



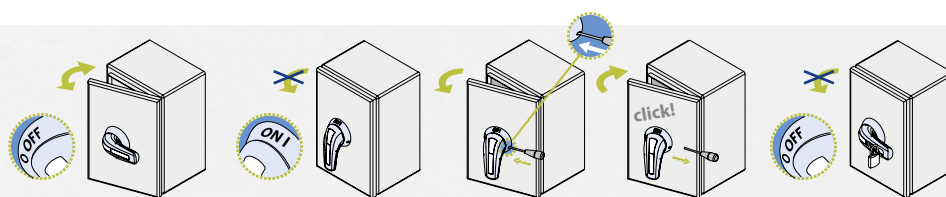
CIS25F
400A NH 2
630A NH 3



CIS25D



CIS25C



Standard supply

CIS25 - A - C - D - F

Enclosed switch - disconnecter

IP65 (with or without fuse holders) 3P - 3P+N

Size 3

A

800



CIS25A



CIS25D



CIS25C



CIS25F

polyester enclosure
+ fuse holders**CIS25A****3P****3P + N**

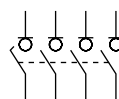
CODE - 800A

CIS25A08003PR**CIS25A08003NR**

polyester enclosure

CIS25D**3P****3P + N****CIS25D08003PR****CIS25D08003NR**

metal enclosure

CIS25C**3P****3P + N****CIS25C08003PR****CIS25C08003NR**metal enclosure
+ fuse holders**CIS25F****3P****3P + N****CIS25F08003PR****CIS25F08003NR****3P****3P + N**

Technical information



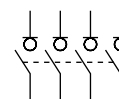
According to IEC 60947-3
IEC 61439-2

					800
Rated thermal current in ambient at	I _{the}	40 °C	A		800
Rated insulation voltage	U _i		V		1000
Rated impulse withstand voltage	U _{imp}		kV		12
AC rated operational current ^{*(1)} (Rated operational frequency 50/60 Hz)	I _e	U _e 400V	AC21A	A	800
		U _e 400V	AC22A	A	800
		U _e 400V	AC23A	A	800
Rated breaking capacity		400V	AC23	A	6400
Rated making capacity		400V	AC23	A	8000

^{*(1)} Other voltages and / or utilization categories. Please consult

^{*(2)} Without limiting protective device (short-circuit maintained 50... 100 ms.)

				800
Short - circuit behaviour				
Rated short-circuit making capacity ^{*(2)}	I _{cm}	kA (peak)		60
Rated short-time withstand current (1sec.)	I _{cw}	kA rms		25
Mechanical features				
Number of mechanical operations (according to the standards, for other values please consult)		Cycles		3000
Maximum weight 3P		Kg		Consult
Maximum weight 3P + N		Kg		Consult

**4P**

Also available 4P switches
under request, please consult

Accessories

» **External handle** included
IP65



» **Emergency external handle** under request
IP65



» **Auxiliary contacts**

1NO+1NC CODE D5LAU01
2NO+2NC CODE D5LAU02

I_e = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.



» **Terminal protection**

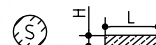
CODE DS-CU31
(1 kit for input or output)



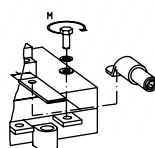
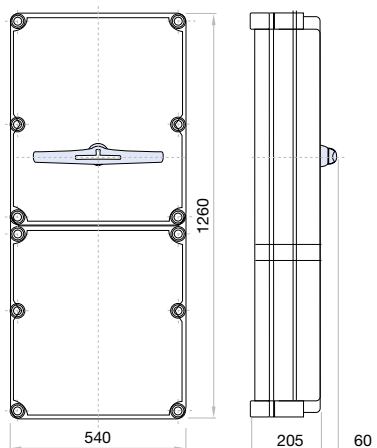
» **Safety key lock device**

Simple CODE DS-CB31
Double CODE DS-CF31

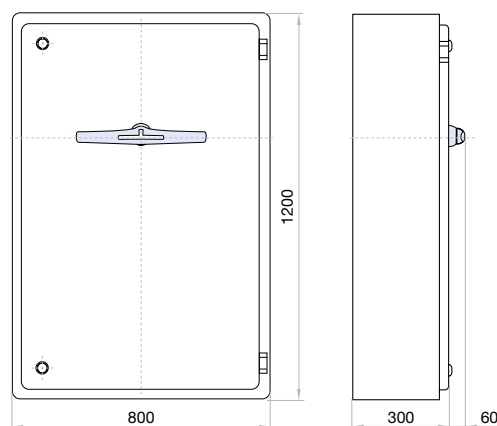
For external handle, lock the handle by means of a key in position "OFF" (under request, in "ON"), the key can only be removed with the handle locked



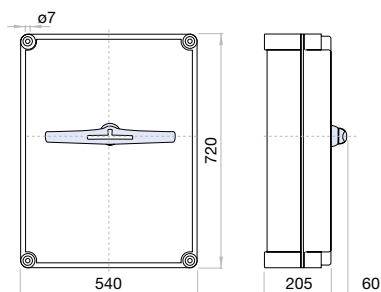
S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	T	M
2x240	2x10	50	M14	45

**Dimensions (mm)**

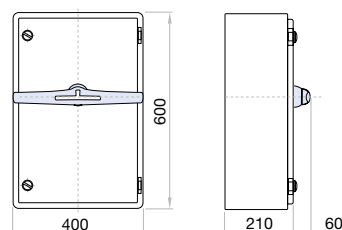
CIS25A
NH 4



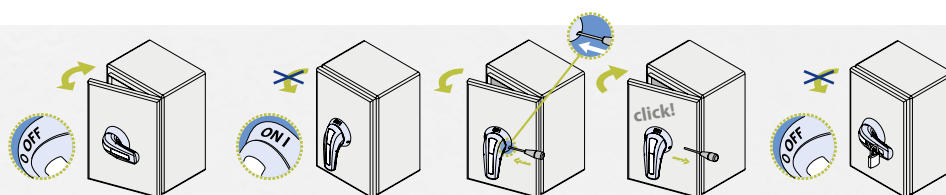
CIS25F
NH 4



CIS25D



CIS25C



Standard supply

CIS25 - A - C - D - F

Enclosed switch - disconnecter

IP65 (with or without fuse holders) 3P - 3P+N

Size 4

*A 1000|1250|1600



*(A) Under request higher currents are available, please consult.



CIS25A



CIS25D

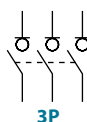


CIS25C

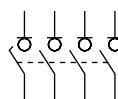


CIS25F

				CODE - 1000A			CODE - 1250A			CODE - 1600A		
				CIS25A10003PS ^{*(5)}			CIS25A12503PS ^{*(5)}			CIS25A16003PS ^{*(5)}		
polyester enclosure + fuse holders	CIS25A	* ⁽⁵⁾	3P	CIS25A10003PS ^{*(5)}			CIS25A12503PS ^{*(5)}			CIS25A16003PS ^{*(5)}		
				CIS25A10003NS ^{*(5)}			CIS25A12503NS ^{*(5)}			CIS25A16003NS ^{*(5)}		
polyester enclosure	CIS25D		3P	CIS25D10003PS			CIS25D12503PS			CIS25D16003PS		
				CIS25D10003NS			CIS25D12503NS			CIS25D16003NS		
metal enclosure	CIS25C		3P	CIS25C10003PS			CIS25C12503PS			CIS25C16003PS		
				CIS25C10003NS			CIS25C12503NS			CIS25C16003NS		
metal enclosure + fuse holders	CIS25F		3P	CIS25F10003PS			CIS25F12503PS			CIS25F16003PS		
				CIS25F10003NS			CIS25F12503NS			CIS25F16003NS		



3P



3P + N

Technical information



According to IEC 60947-3
IEC 61439-2

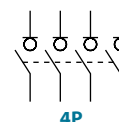
				1000	1250	1600
Rated thermal current in ambient at	I _{the}	40 °C	A	1000	1250	1600
Rated insulation voltage	U _i		V	1000	1000	1000
Rated impulse withstand voltage	U _{imp}		kV	12	12	12
AC rated operational current ^{*(1)} (Rated operational frequency 50/60 Hz)	I _e	U _e 400V AC21A	A	1000	1250	1600
		U _e 400V AC22A	A	1000	1250	1600
		U _e 400V AC23B	A	-	-	1600
Rated breaking capacity		400V AC23	A	3000	3750	4800
Rated making capacity		400V AC23	A	3000	3750	4800

^{*(1)} Other voltages and / or utilization categories. Please consult

^{*(2)} Without limiting protective device (short-circuit maintained 50... 100 ms.)

^{*(3)} IP43

				1000	1250	1600
Short - circuit behaviour						
Rated short-circuit making capacity ^{*(2)}	I _{cm}	kA (peak)		60	60	75
Rated short-time withstand current (1sec.)	I _{cw}	kA rms		25	25	50
Mechanical features						
Number of mechanical operations (according to the standards, for other values please consult) ^{*(3)}	Cycles			3000	3000	3000
Maximum weight 3P		Kg		Consult		
Maximum weight 3P + N		Kg		Consult		



4P

Also available 4P switches
under request, please consult

Accessories

» **External handle** included
IP65



» **Emergency external handle** under request
IP65



» **Auxiliary contacts**

1NO+1NC CODE D5LAU01
2NO+2NC CODE D5LAU02

Ie = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.



» **Terminal protection**

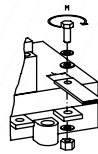
CODE D5-CU41
(1 kit for input or output)



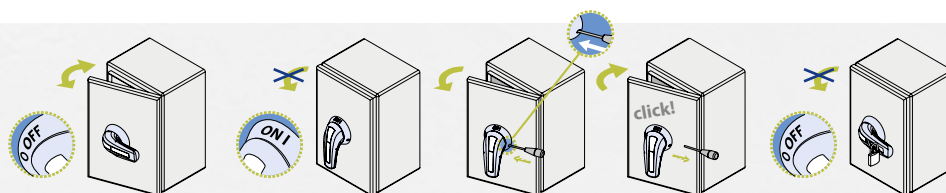
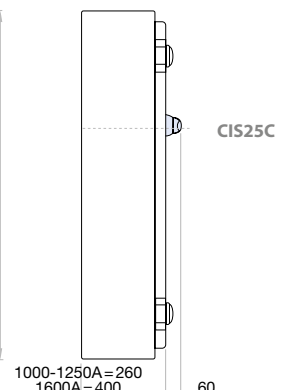
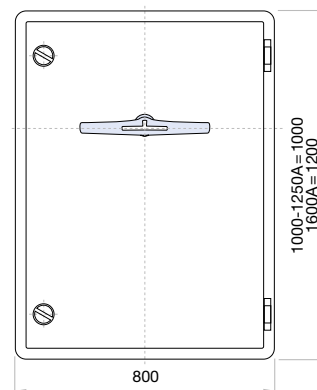
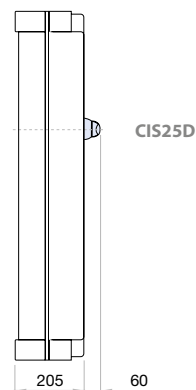
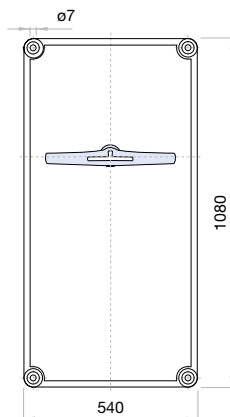
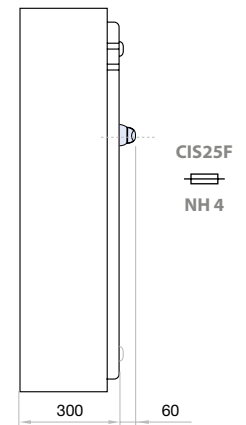
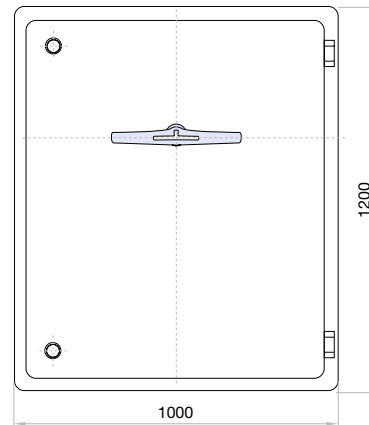
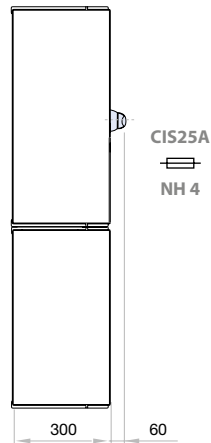
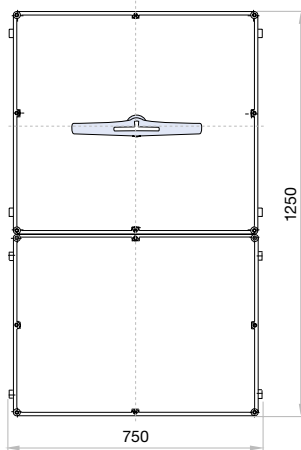
» **Safety key lock device**

Simple CODE D5-CB41
Double CODE D5-CF41

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



	H max (Cu) mm	L max (Cu) mm	M	M
			Nxm	
1000 A			M16	80
1250 A	2x10	80	M14	55
1600 A			M14	55

Dimensions (mm)

Standard
supply

IPTA | IPTR | IPTU

Switch disconnecter for transformer secondary protection

IP65 4P - 3P+N

A

40...630

series
IPT

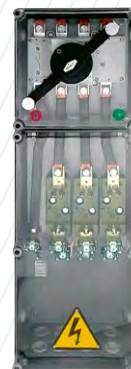
IPTA (IP65)
automatic



IPTR (IP65)
manual single module



IPTU (IP65)
manual double module



		CODE - 40A	CODE - 50...63A	CODE - 80...100A	CODE - 125...160A
		IPTA00404PS0	IPTA00634PS0	IPTA01004PS0	IPTA01604PS0
IPTA	4P	CODE - 200A	CODE - 250A	CODE - 320...400A	CODE - 630A
		IPTA02004PS0	IPTA02504PS0	IPTA04004PS0	IPTA06304PT0
IPTR	3P + N	CODE - 160A	CODE - 250A	CODE - 400A	CODE - 630A
		IPTR01603NB0	IPTR02503NB0	IPTR04003NB0	IPTR06303NT0
IPTU	3P + N	CODE - 160A	CODE - 250A	CODE - 400A	CODE - 630A
		IPTU01603NB0	IPTU02503NB0	IPTU04003NB0	IPTU06303NT0

4P

3P + N

Technical information



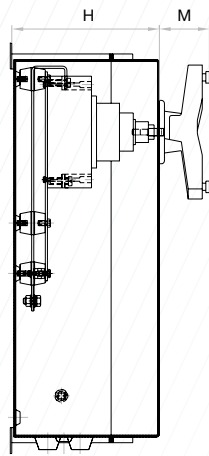
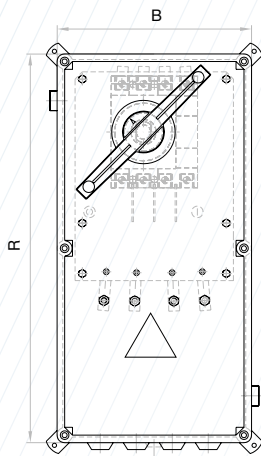
According to IEC 60947-3
IEC 61439-2

	Amps (Ith)	NH / DIN
IPTR	160	0
	250	1
	400	2
	630	3
IPTU	160	0
	250	1
	400	2
	630	3

Selection table

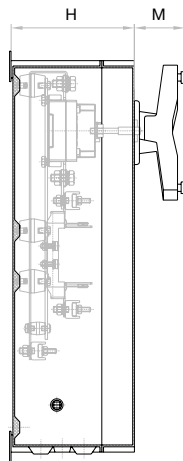
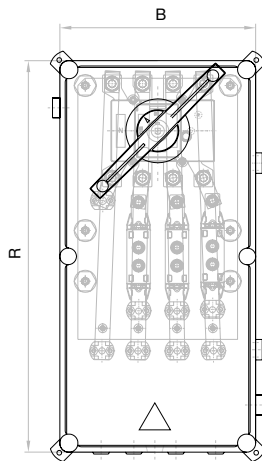
kVA	UF/UL (Vac)	In (A)
50	380 / 220	100
75	380 / 220	125
100	380 / 220	160
125	380 / 220	200
160	380 / 220	250
250	380 / 220	400
400	380 / 220	630

Dimensions (mm)



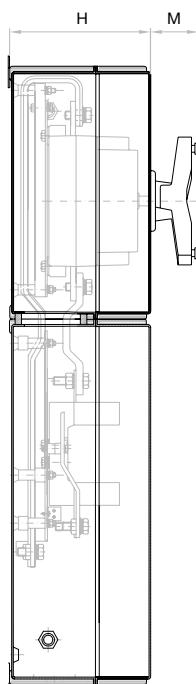
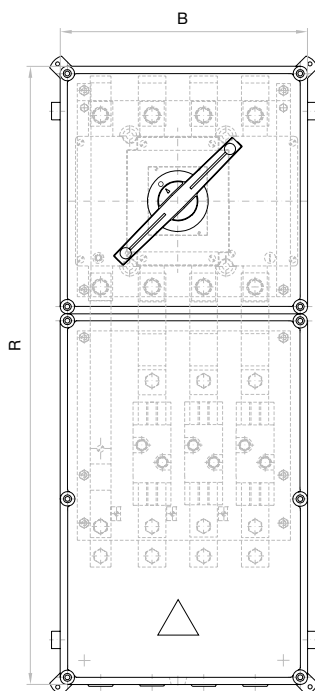
IPTA

	R	B	H	M
40 - 63 - 80 - 100 A 160 - 200 - 250 A	540	270	205	69,5
400 A	540	360	263	69,5
630 A	720	360	205	69,5



IPTR

	R	B	H	M
160 - 250 A	540	270	170	69,5
400 A	720	360	205	69,5
630 A	720	360	205	69,5



IPTU

	R	B	H	M
160 - 250 A	810	270	170	69,5
400 A	810	360	205	69,5
630 A	900	360	205	69,5