



Dilos/Fulos^{ED.02}

Loadbreak disconnectors
Fused loadbreak disconnectors



GE imagination at work

Benefits	A
Order codes	B
Technical data	C
Installation facilities	D
Dimensions	E
Numerical Index	X



Dilos Loadbreak disconnectors 16A up to 4000A
Fulos Fused loadbreak disconnectors 125A up to 1000/1250A

The new generation of loadbreak disconnectors Dilos, the fused execution Fulos and the changeover switches meet today's tertiary and industrial market needs.

Featuring superior technical performance, the switches satisfy the requirements of all modern low voltage installations of which the short-circuit level can now be calculated rapidly, reliable and durable at each level in the installation with adapted software (Procera Plus....).

They comply with the latest specifications and safety requirements such as visible contact indication, positive contact indication (PCI), quick make and quick break operation, independent opening and closing mechanism, by-pass and padlocking features, auxiliary contacts, etc.

The concept integrates the requirements of installers and panelbuilders: fast and easy installation, reliable and durable connections.

Features

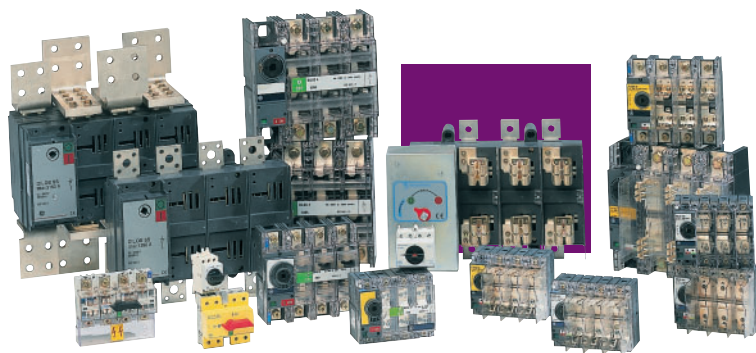
- Complete choice of current ratings
- In Dilos from 16A up to 4000A
- In Fulos from 125A up to 1000A/1250A
- Compact moulded body with transparent cover (visible contacts)
- Universal mechanism (unambiguous)
- Clear "ON/OFF" indication
- Double break contacts with separate arcing contacts
- Padlocking in "OFF" – position up to three padlocks
- Very high short-circuit resistance
- Extension shaft with defeat mechanism and positive contact indication

Applications

Dilos and Fulos switches can be utilised as:

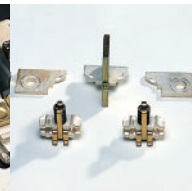
- main switch
- outgoing switch
- incoming switch
- coupling switch

The compact design allows easy mounting in all types of enclosures, distribution boards and industrial panels.



High performances

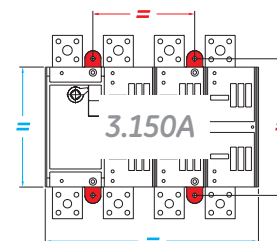
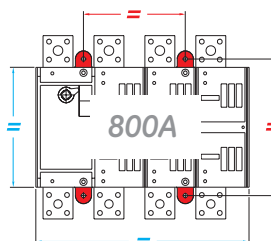
All disconnectors have double interruption on the four contact points to reach **high short-circuit resistance**



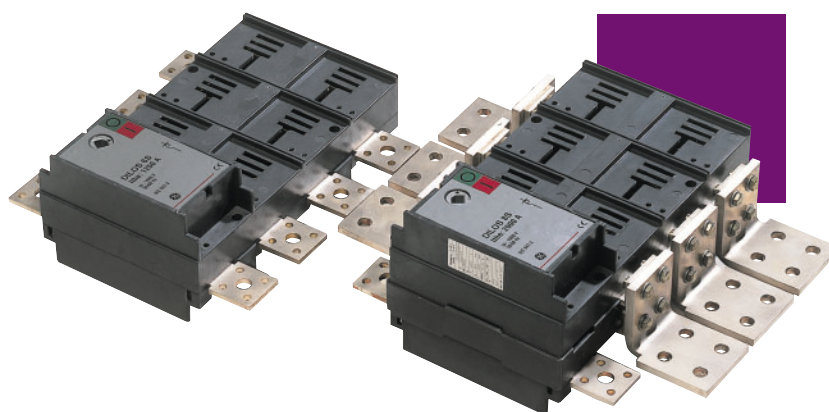
Easy to install

Disconnectors **Dilos S** (800A-3150A) and **Fulos 3S**

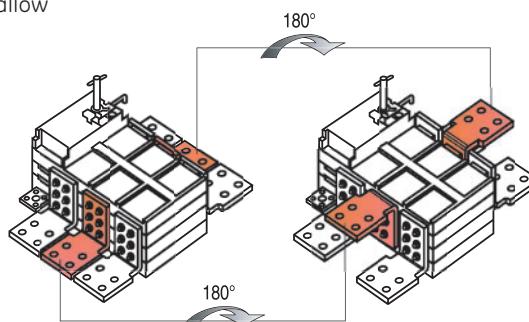
- One frame size (one dimension)
- Same fixation points for the installer
- Most compact size in the market



Unique layer system with **terminal connection** always at the same depth (800 up to 2500A)



The terminal connections (1600A-2500A) are symmetrical and can be turned 180° to allow **easy installation of current transformers**

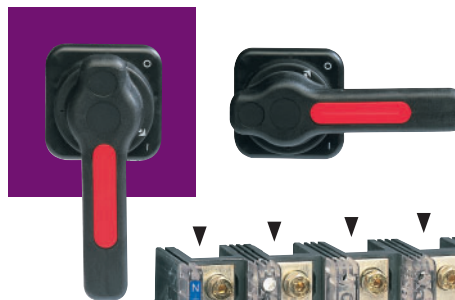


Safe and reliable

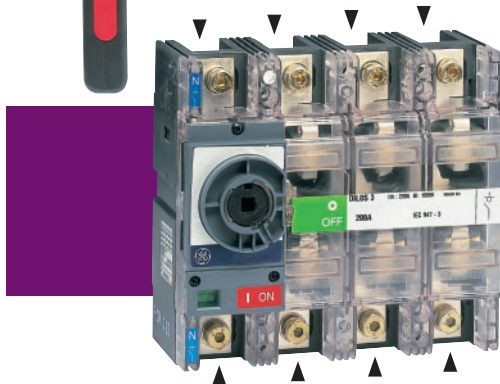
Visible contacts and disconnect functions



Independent opening and closing
(quick make-quick brake),
no intermediate position of the handle is possible



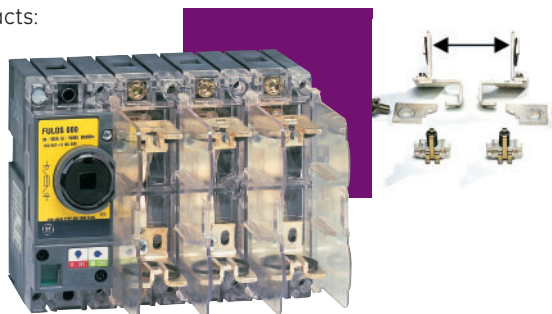
The power source for all disconnectors may be
upstream or downstream



All disconnectors have a **defeat mechanism**



Fused disconnectors have double contacts:
replacement of the fuses
is possible without any danger
in OFF position and dead.



Benefits

A

B

C

D

E

X

Just rel

- B.2 **Dilos 00 - Dilos 0** - Loadbreak disconnectors 16A up to 63A
- B.6 **Dilos 1 - Dilos 2** - Loadbreak disconnectors 40A up to 200A
- B.6 **Elos** - Loadbreak disconnectors 63A up to 125A
- B.10 **Dilos 1H - Dilos 3 - Dilos 4** - Loadbreak disconnectors 40A up to 630A
- B.16 **Dilos 6S** - Loadbreak disconnectors 800A up to 1250A
- B.18 **Dilos 7S - Dilos 8S** - Loadbreak disconnectors 1600A up to 2500A
- B.20 **Dilos 9S - Dilos 9** - Loadbreak disconnectors 3150A/4000A

- B.23 **Fulos 000 DIN - NF - BS** - Fused loadbreak disconnectors 100A/125A
- B.26 **Fulos 00 DIN - BS** - Fused loadbreak disconnectors 160A/200A
- B.30 **Fulos 1 DIN - BS** - Fused loadbreak disconnectors 250A/200A
- B.30 **Fulos 2 DIN - BS** - Fused loadbreak disconnectors 400A
- B.34 **Fulos 3S DIN - BS** - Fused loadbreak disconnectors 630A
- B.36 **Fulos 4 DIN - BS** - Fused loadbreak disconnectors 800A up to 1250A

- B.38 **Dilos BA** - Loadbreak disconnectors with tripping device
- B.38 **Fulos BA** - Fused and loadbreak disconnectors with tripping device

- B.40 **Dilos MO** - Motorised loadbreak disconnectors
- B.40 **Fulos MO** - Motorised fused loadbreak disconnectors

- B.40 **CO-Dilos MO** - Motorised changeover loadbreak disconnectors
- B.44 **CO-Dilos** - Manual changeover loadbreak disconnectors
- B.44 **6P Dilos - 6P** loadbreak disconnectors

Benefits

Order codes

Technical data

Installation facilities

Dimensions

Numerical Index

A

B

C

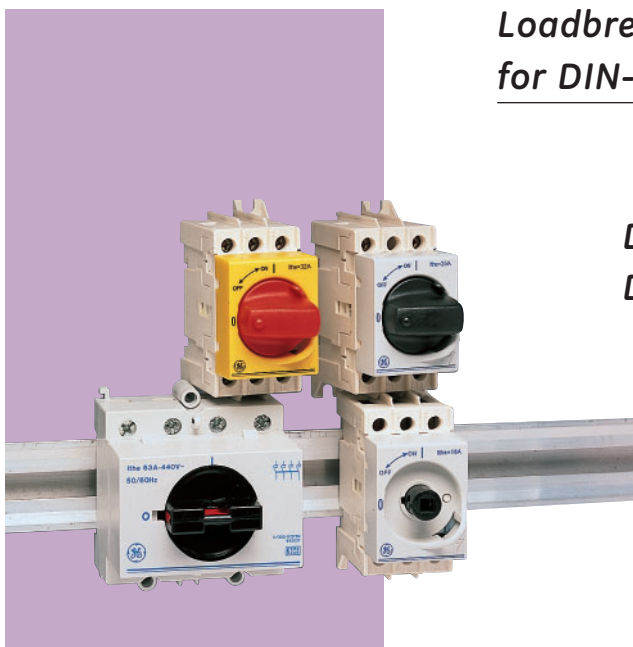
D

E

X

y on us





Loadbreak disconnectors for DIN-rail, wall and door mounting

Dilos 00 - 16A up to 40A

Dilos 0 - 32A up to 63A



Applications



Approvals / Marking



Dilos 00

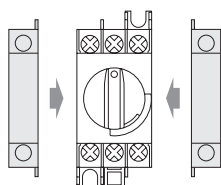


Dilos 0



Add-on devices

Dilos 00



Performance

DIN-rail type

Disconnect function

Complete range of add-on devices

Double knife contacts for Dilos 0

Number of poles 2P - 3P - 4P

Mounting:

- Dilos 00 DIN-rail / panel / wall
- Dilos 0 DIN-rail / wall

Box terminals

Padlockable

Standards

IEC 60947-1 and IEC 60947-3, DIN VDE 0660 Teil 107,

BS EN 60947-3, CEI 17-11 (Fasc. 1039), EN 60947-3,

NBN EN 60947-3, NF C 63-130

Safety disconnect (red/yellow) according to DIN VDE 0113 Teil 1

Technical data

	Dilos 00 16A-40A	Dilos 0 32A-63A
Rated thermal current	690V	415V
Rated operational voltage	6kA	10kA
Peak short withstand circuit current	1.5 - 16 mm ²	2.5 - 25 mm ²
Terminal capacity (Cu)		

Dilos 00 - DIN-rail disconnectors - 2 modules

Standard grey		Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	With padlockable rotary handle	16	D/061301-201	730984	1
			25	D/061302-201	730986	1
			32	D/061303-201	730988	1
			40	D/061304-201	730990	1
Safety						
	3P	Red/yellow, according to DIN VDE 0113 Teil 1 With padlockable rotary handle	16	D/061301-203	731404	1
			25	D/061302-203	731407	1
			32	D/061303-203	731410	1
			40	D/061304-203	731413	1

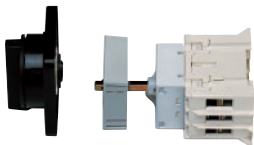
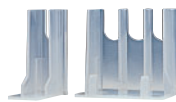
Accessories

	Switched neutral module To be added on one side	D/061903-104 731004 1 For 16A D/061903-204 731006 1 For 25A D/061903-304 731012 1 For 32A D/061903-404 731014 1 For 40A	Handles for cover or hinged door IP65, with door interlock D/061900-601 730996 1 Black padlockable rotary handle Extension shaft of 305 mm D/061900-603 730997 1 Red/yellow padlockable rotary handle Extension shaft of 305 mm	
	Fixed neutral module To be added on one side	D/061903-205 731007 1 For 16A-40A	Handle for cover or hinged door IP54, without door interlock D/061900-501 730992 1 Black rotary handle Extension shaft of 305 mm Not to be used as main switch	
	Earth module To be added on one side	D/061903-206 731008 1 For 16A-40A	Terminal covers D/061902-220 731002 1 3P D/061902-221 731003 1 1P	
	Auxiliary contact To be added on one side	D/061901-202 731000 1 1 NO/NC Ith = 10A at 230V		

Dilos 00 - Disconnectors for door mounting - 2 modules

Standard grey 3P 	Description	In (A)	Cat. no.	Ref. no.	Pack.
	Without handle	16	D/061301-251	730985	1
		25	D/061302-251	730987	1
		32	D/061303-251	730989	1
		40	D/061304-251	730991	1

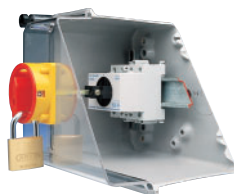
Accessories

	Switched neutral module To be added on one side	Handles IP65			
	D/061903-154	731005	1		
	For 16A				
	D/061903-254	731009	1		
	For 25A				
	D/061903-354	731013	1		
	For 32A				
	D/061903-454	731015	1		
	For 40A				
	Fixed neutral module To be added on one side	Terminal covers For DIN-rail and door mounting			
	D/061903-255	731010	1		
	For 16A-40A				
	Earth module To be added on one side	Rear view Dilos 00 + switch neutral module (4th pole)			
	D/061903-256	731011	1		
	For 16A-40A				
	Auxiliary contacts To be added on one side				
	D/061901-252	731001	1		
	1 NO/NC Ith = 10A at 230V				

Dilos 0 - DIN-rail disconnectors - 4 modules

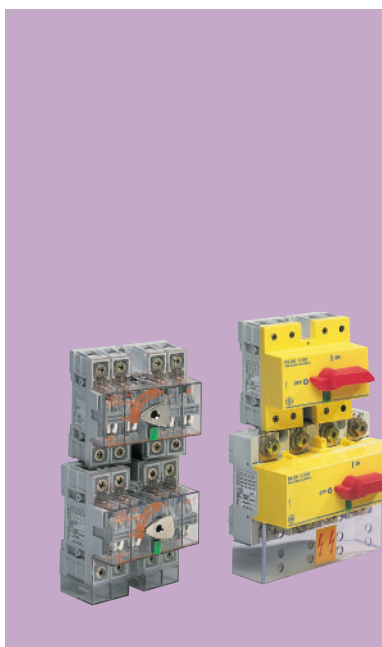
Standard grey With padlockable rotary handle 		Description	In (A)	Cat. no.	Ref. no.	Pack.
	2P		32	V/333-013732	652017	1
			40	V/333-013742	652021	1
			63	V/333-013762	652025	1
	3P		32	V/333-013733	652018	1
			40	V/333-013743	652022	1
			63	V/333-013763	652026	1
	4P		32	V/333-013734	652019	1
			40	V/333-013744	652023	1
			63	V/333-013764	652027	1
	3P+NF	Fixed neutral	32	V/333-013736	652020	1
			40	V/333-013746	652024	1
			63	V/333-013766	652028	1

Accessories

	Handles for cover or hinged door			Terminal covers		
	IP65			V/333-013760 652016 1		
	V/333-013721 652062 1			Sealable		
	Standard rotary handle			Set of 2 pieces		
	Extension shaft of 238 mm					
	V/333-013723 652063 1					
	Red/yellow padlockable rotary handle					
	(max. three padlocks Ø 9 mm)					
	Extension shaft of 238 mm and frontplate					







Loadbreak disconnectors for DIN-rail and wall mounting

Dilos 1 - 40A up to 125A
Dilos 2 - 160A up to 200A
Elos - 63A up to 125A



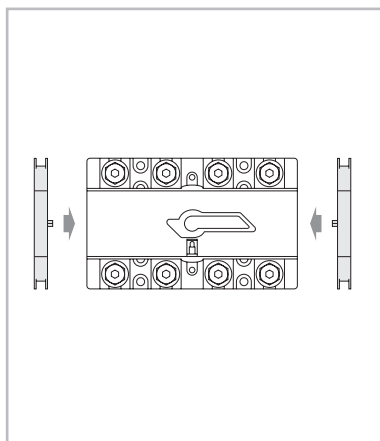
Applications



Approvals / Marking



Add-on devices



Performance

DIN-rail mounting and wall mounting
 Main disconnector, safety disconnector
 Disconnect function
 Visible contact indication - transparent contact cover
 Quick make and quick break mechanism
 Independent opening and closing
 Positive contact indication (PCI)
 Double knife contacts - high short-circuit resistance
 Number of poles 2P - 3P - 4P
 Box terminals with inbus screws
 Padlockable

Standards

IEC 60947-1 and IEC 60947-3, DIN VDE 0660 Teil 107,
 BS EN 60947-3, CEI 17-11 (Fasc. 1039), EN 60947-3,
 NBN EN 60947-3, NF C 63-130, UL 508
 Safety disconnector (red/yellow) according to DIN VDE 0113 Teil 1

Technical data

	Dilos 1	Dilos 2	Elos
Rated thermal current	40A - 125A	160A - 200A	63A - 125A
Rated operational voltage Ue	690V	690V	690V
Rated insulation voltage Ui	690V	690V	690V
Peak short withstand circuit current	10kA	10kA	10kA
Rated short-circuit current	50kA	50kA	50kA
High 1s rated short time withstand Icw	3kA	3kA	3kA
Terminal capacity (Cu)	6 - 50 mm ²	Cu-rail 20x6	6 - 50 mm ²

Technical data ● pg. C.2
 Installation facilities ● pg. D.5
 Dimensions ● pg. E.2

Dilos 1 - DIN-rail disconnectors - 5 modules

Standard transparent
With padlockable rotary handle



2P

3P

4P

3P+NF

Description	In (A)	Cat. no.	Ref. no.	Pack.
	40	D/061212-201	730004	1
	63	D/061214-201	730008	1
	80	D/061215-201	730012	1
	100	D/061216-201	730016	1
	125	D/061217-201	730020	1
	40	D/061312-201	730049	1
	63	D/061314-201	730055	1
	80	D/061315-201	730061	1
	100	D/061316-201	730067	1
	125	D/061317-201	730073	1
	40	D/061412-201	730117	1
	63	D/061414-201	730123	1
	80	D/061415-201	730129	1
	100	D/061416-201	730135	1
	125	D/061417-201	730141	1
Fixed neutral	40	D/061512-201	730185	1
	63	D/061514-201	730189	1
	80	D/061515-201	730193	1
	100	D/061516-201	730197	1
	125	D/061517-201	730201	1

Safety



3P

4P

Red/yellow, according to DIN VDE 0113 Teil 1	40	D/061312-203	730050	1
	63	D/061314-203	730056	1
	100	D/061316-203	730068	1
	125	D/061317-203	730074	1
Red/yellow, according to DIN VDE 0113 Teil 1	40	D/061412-203	730118	1
	63	D/061414-203	730124	1
	100	D/061416-203	730136	1
	125	D/061417-203	730142	1

Accessories

Handles for cover of hinged door

IP65 - Padlockable



D/061910-002	730255	1
Black - H = 55 mm		
Extension shaft L = 200 mm		
D/061910-012	730257	1
Red/yellow - H = 55 mm		
Extension shaft L = 200 mm		
D/061910-004	730256	1
Black - H = 55mm		
Extension shaft L = 400 mm		
D/061910-014	730258	1
Red/yellow - H = 55 mm		
Extension shaft L = 400 mm		

Padlocking device (Ø max 8 mm)

D/061900-020	730250	1
For three padlocks		



Terminal covers

D/061912-020	731024	1
Transparent, sealable		
Set of 2 pieces		
(not for additional Al-cable terminals)		



Terminals

Al/Cu 35 mm²

D/061912-013	731415	1
Set of 3 terminals		
D/061912-014	731416	1
Set of 4 terminals		



Auxiliary contacts

To mount on the right side

D/061901-001	730252	1
1P CO		
D/061901-002	730253	1
2P CO		



Bar or cable lug connection

D/061912-004	730260	1
Conv. set 4P + terminal cover.		
For connecting cable lugs or bars		
Max. W = 15 mm		



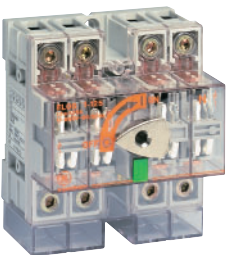
Inbus key

D/061000-097	730000	1
Insulated S5 - L = 200 mm		



Elos - DIN-rail loadbreak disconnectors - 5 modules

Transparent
Without rotary handle
4P



Description	In (A)	Cat. no.	Ref. no.	Pack.
For electricity boards	63	D/061421-200	730806	1
	100	D/061420-200	730805	1
	125	D/061419-000	730144	1
With bottom cable protection IP20	125	D/061419-021	731466	1

Accessories



Cable protection		
D/061912-021	731467	1
IP20		

Padlocking device (Ø max 8 mm)		
D/061900-020	730250	1
For three padlocks		
Inbus key		
D/061000-097	730000	1
Insulated S5 - L = 200 mm		



Dilos 2 - DIN-rail loadbreak disconnectors - 8 modules

Transparent
With padlockable rotary handle
incl. terminal covers 1h.
2P



3P

4P

3P+NF

Description	In (A)	Cat. no.	Ref. no.	Pack.
	160	D/061224-201	730034	1
	200	D/061226-201	730042	1
	160	D/061324-201	730088	1
	200	D/061326-201	730096	1
	160	D/061424-201	730157	1
	200	D/061426-201	730165	1
Fixed neutral	160	D/061524-201	730215	1
	200	D/061526-201	730223	1
Red/yellow, according to DIN VDE 0113 Teil 1	160	D/061324-203	730089	1
	200	D/061326-203	730097	1
Red/yellow, according to DIN VDE 0113 Teil 1	160	D/061424-203	730158	1
	200	D/061426-203	730166	1

Safety
With padlockable rotary handle
incl. terminal covers 1h.
3P



4P

Accessories

Handles for cover of hinged door

IP65 - Padlockable



D/061910-002 **730255** 1

Black - H = 55 mm

Extension shaft L = 200 mm

D/061910-012 **730257** 1

Red/yellow - H = 55 mm

Extension shaft L = 200 mm

D/061910-004 **730256** 1

Black - H = 55 mm

Extension shaft L = 400 mm

D/061910-014 **730258** 1

Red/yellow - H = 55 mm

Extension shaft L = 400 mm

Mantle terminals

Ø max 14 mm

D/061922-003 **730261** 1

Set of 3 pieces

D/061922-004 **730262** 1

Set of 4 pieces



Auxiliary contacts

To mount on the right side

D/061901-001 **730252** 1

1P CO

D/061901-002 **730253** 1

2P CO



Padlocking device (Ø max 8 mm)

D/061900-020 **730250** 1

For three padlocks

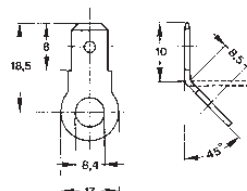


Wire connections

D/061922-030 **730281** 1

10 Faston tabs 6.3 x 0.8 mm

for 2.5 mm² connections



Terminal cover

D/061922-020 **730263** 1



Inbus key

D/061000-097 **730000** 1

Insulated S5 - L = 200 mm





Loadbreak disconnectors for wall mounting

Dilos 1H - 40A up to 125A

Dilos 3 - 160A up to 315A

Dilos 4 - 400A up to 630A



Applications



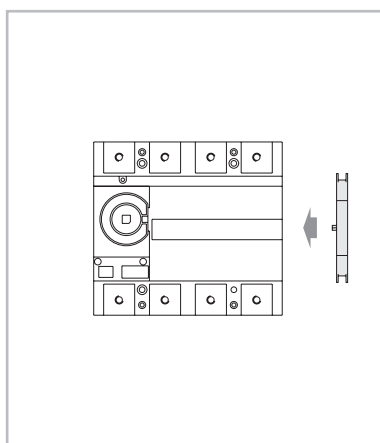
Approvals / Marking



Dilos 1H-3-4

Dilos 1H

Add-on devices



Performance

Wall mounting
Main disconnecter, safety disconnecter
Disconnect function
Visible contact indication - transparent cover
Quick make and quick break mechanism
Independent opening and closing
Positive contact indication (PCI)
Defeat mechanism rotary handle
Double knife contacts - high short-circuit resistance
Number of poles 3P - 4P
With changeover system

Standards

IEC 60947-1 and IEC 60947-3, DIN VDE 0660 Teil 107,
BS EN 60947-3, CEI 17-11 (Fasc. 1039), EN 60947-3,
NBN EN 60947-3, NF C 63-130, UL 508
Safety disconnecter (red/yellow) according to DIN VDE 0113 Teil 1

Technical data

	Dilos 1H	Dilos 3	Dilos 4
Rated thermal current	40A - 125A	160A - 315A	400A - 630A
Rated operational voltage Ue	690V	690V	690V
Rated insulation voltage Ui	1000V	1000V	1000V
Peak short withstand circuit current	10kA	30kA	60kA
Rated short-circuit current	50kA	100kA	100kA
High 1s rated short time withstand Icw	3kA	9kA	20kA
Terminal capacity (Cu)	6 - 50 mm ²	Cu-rail 30x6	Cu-rail 2x40x6

Technical data ● pg. C.4
Installation facilities ● pg. D.5
Dimensions ● pg. E.3

Dilos 1H - Loadbreak disconnectors for wall mounting

Standard transparent		Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	Without handle	40	D/061330-201	730454	1
			63	D/061331-201	730457	1
			125	D/061333-201	730460	1
	3P+N	Without handle	40	D/061430-201	730482	1
			63	D/061431-201	730485	1
			125	D/061433-201	730488	1
	3P+NF	Without handle Fixed neutral	40	D/061530-201	730510	1
			63	D/061531-201	730513	1
			125	D/061533-201	730516	1
Safety						
	3P	Yellow label, according to DIN VDE 0113 Teil 1 Without handle	40	D/061330-203	730455	1
			63	D/061331-203	730458	1
			125	D/061333-203	730461	1
	3P+N	Yellow label, according to DIN VDE 0113 Teil 1 Without handle	40	D/061430-203	730483	1
			63	D/061431-203	730486	1
			125	D/061433-203	730489	1

Accessories for Dilos 1H

	Direct handles		
	D/061940-252	731538	1
	Low grey		
	D/061940-253	731539	1
	Low red		
	D/061940-211	730649	1
	Grey, padlockable		
	D/061940-213	730650	1
	Red, padlockable		
	D/061940-231	730651	1
Grey, keylockable and padlockable (Keylock not included)			
D/061940-233	730652	1	
Red, keylockable and padlockable (Keylock not included)			
	Handles for inner door		
	IP65 - Padlockable		
	With extension shaft 300 mm		
	Reduced height = 55 mm		
	D/062927-202	731056	1
	Black		
	D/062927-203	731351	1
	Red/yellow		
	Key lock		
	D/769080-000	769080	1
Plug-in for handles (Ronis 1104)			
	Handles for cover or hinged door		
	IP65 - Padlockable - Defeat		
	With extension shaft 300 mm (8/8)		
	D/062920-201	730661	1
	Black		
	D/062920-203	730662	1
	Red/yellow		
	D/062920-221	730663	1
	Black with keylockable plug-in (Ronis 1104)		
	D/062920-223	730664	1
Red/yellow with keylockable plug-in (Ronis 1104)			
D/062920-281	730853	1	
Special set for disconnector with neutral on the right, black			
D/062920-283	730854	1	
Special set for disconnector with neutral on the right, red/yellow			
Inbus key			
D/061000-097	730000	1	
Insulated S5 - L = 200 mm			

Accessories Dilos 1H (continued)

Changeover system (I-O-II)

With extension shaft 300 mm,
padlockable handle, gasket,
flange and template IP65 - defeat

D/062910-205 | **730655** | 1

With grey handle

D/062910-207 | **731347** | 1

With red handle

As above but with handle 55 mm height -
for inner door

D/062927-265 | **731453** | 1

With black handle

D/062927-267 | **731552** | 1

With red handle

6P/8P-system (I-O)

With extension shaft 300 mm,
padlockable handle, gasket,
flange and template IP65 - defeat

D/062910-206 | **730656** | 1

With grey handle

Standard auxiliary contacts

To be added on the right side

D/061901-001 | **730252** | 1

1P CO

D/061901-002 | **730253** | 1

2P CO

Max. current rating for AC 15 and DC 13

AC 3A at 380V

5A at 220V

DC 0.5A at 220V

0.7A at 110V

1A at 60V

2A at 48V

4A at 24V



Dilos 3

B

Accessories Dilos 3 (continued)

Changeover system (I-O-II)

With extension shaft 300 mm,
padlockable handle, gasket,
flange and template

IP65 - defeat

D/062920-265 | **730665** | 1

With grey handle

D/062920-267 | **731348** | 1

With red/yellow handle

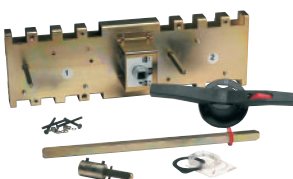
As above but with handle 55 mm height -
for inner door

D/062937-265 | **731455** | 1

With black handle

D/062937-267 | **731554** | 1

With red/yellow handle



Standard auxiliary contacts

To be added on the right side

D/061901-001 | **730252** | 1

1P CO

D/061901-002 | **730253** | 1

2P CO

Max. current rating for AC 15 and DC 13

AC 3A at 380V

5A at 220V

DC 0.5A at 220V

0.7A at 110V

1A at 60V

2A at 48V

4A at 24V



Anticipated auxiliary contacts

(early make and early break)

To be mounted inside

D/062921-201 | **730610** | 1

1 CO

D/062921-202 | **730611** | 1

2 CO



Terminals (Cu or Al 185 mm²)

D/062922-213 | **730627** | 1

Set of 3 V box terminals with cover

D/062922-214 | **730628** | 1

Set of 4 V box terminals with cover

D/062922-203 | **730625** | 1

Set of 3 terminals with cover

D/062922-204 | **730626** | 1

Set of 4 terminals with cover



Terminal covers

D/062922-220 | **730615** | 1

Set of 2 long covers 4P, boxed

Sealable

D/062922-226 | **731459** | 1

Set of 2 short covers 4P, boxed

IP20 and sealable



Rear connections with cover

D/062922-253 | **730629** | 1

Set of 3 pieces

D/062922-254 | **730630** | 1

Set of 4 pieces



D/062922-221 | **730616** | 1

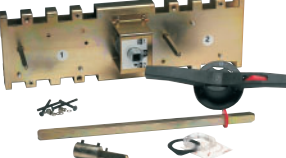
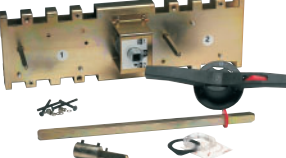
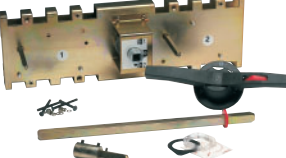
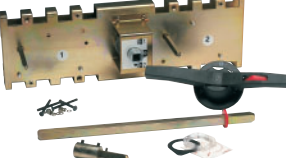
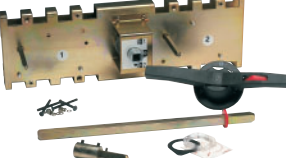
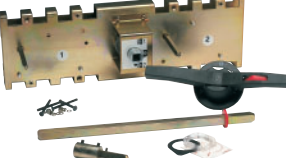
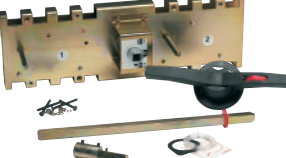
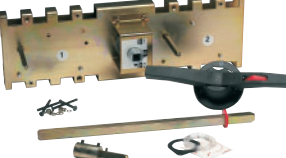
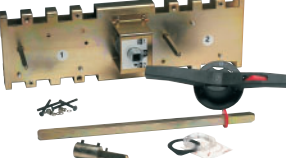
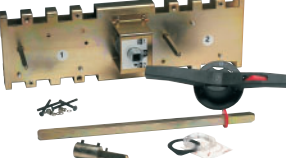
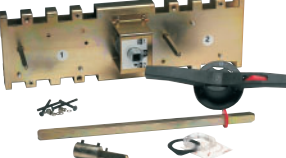
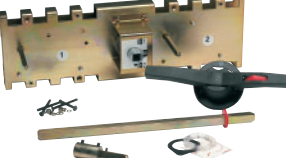
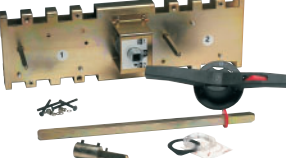
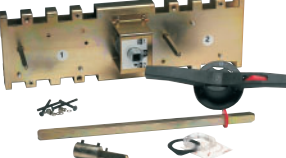
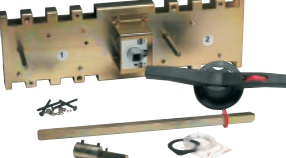
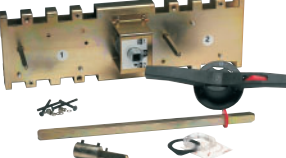
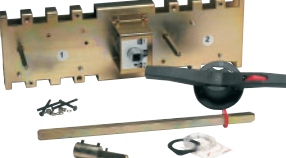
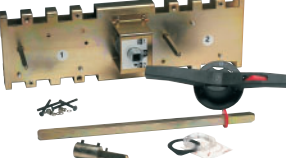
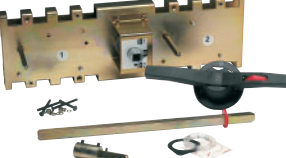
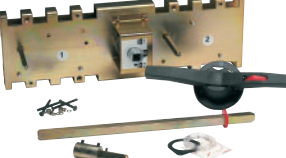
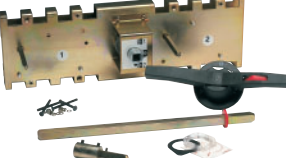
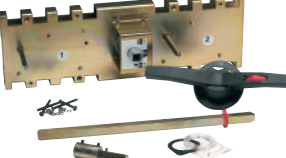
Set of 2 connection bolt covers 4P



Dilos 4 - Loadbreak disconnectors for wall mounting

Transparent	Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P With padlockable rotary handle	400	D/061344-201	730474	1
		500	D/061345-201	730476	1
		630	D/061346-201	730478	1
	3P+N With padlockable rotary handle	400	D/061444-201	730502	1
		500	D/061445-201	730504	1
		630	D/061446-201	730506	1
	3P+NF Fixed neutral With padlockable rotary handle	400	D/061544-201	730530	1
		500	D/061545-201	730532	1
		630	D/061546-201	730534	1

Accessories

	Direct handles				
	D/061950-252	731540	1		
	Low, black				
	D/061950-251	730653	1		
	With key lock possibility (Keylock not included)				
	Handles for cover or hinged door				
	IP54 - Defeat - Padlockable With extension shaft 300 mm (14/14)				
	D/062940-241	730667	1		
	Grey				
	D/062940-281	730855	1		
	Set for discon. with N on the right: grey				
	Handles for inner door				
	IP65 - Padlockable				
	D/062947-202	731352	1		
	Black, reduced height 55 mm With extension shaft 300 mm				
	Key lock				
	D/769080-000	769080	1		
	Plug-in for handles				
	Changeover system (I-O-II)				
	With extension shaft 300 mm, padlockable handle, gasket, flange and template				
	D/062940-265	730669	1		
	With handle IP54 - defeat				
	As above but with handle 55 mm height - for inner door				
	D/062947-265	731457	1		
	With black handle IP65				
	Standard auxiliary contacts				
	To be added on the right side				
	D/061901-001	730252	1		
	1P CO				
	D/061901-002	730253	1		
	2P CO				
	Max. current rating for AC 15 and DC 13				
	AC	3A at 380V			
		5A at 220V			
	DC	0.5A at 220V			
		0.7A at 110V			
		1A at 60V			
		2A at 48V			
		4A at 24V			
	Anticipated auxiliary contacts				
	(early make and early break)				
	To be mounted inside				
	P9B10VN	187002	1		
	1P NO				
	P9B01VR	187003	1		
	1P NC				
	Terminals (Cu or Al 240 mm²)				
	D/062942-213	730633	1		
	Set of 3 V box terminals with cover				
	D/062942-214	730634	1		
	Set of 4 V box terminals with cover				
	Rear connections with cover				
	D/062942-253	730635	1		
	Set of 3 pieces				
	D/062942-254	730636	1		
	Set of 4 pieces				
	Terminal covers				
	D/062942-220	730618	1		
	Set of 2 long terminal covers 4P - boxed				
	D/062942-226	731461	1		
	Set of 2 short terminal covers 4P				
	IP20 - box terminal - sealable				
	D/062942-221	730619	1		
	Set of 2 connection bolt covers 4P				



Loadbreak disconnectors for wall mounting

Dilos 6S - 800A up to 1250A



Applications



Approvals / Marking



Performance

Panel mounting
Main disconnecter
Disconnect function
As changeover - as 6P disconnecter
Visible contact indication - transparent cover
Quick make and quick break mechanism
Independent opening and closing
Positive contact indication (PCI)
Defeat mechanism rotary handle
Double knife contacts - high short-circuit resistance
Number of poles 3P - 4P

Standards

IEC 60947-1 and IEC 60947-3, DIN VDE 0660 Teil 107,
DIN VDE 0113 Teil 1, BS EN 60947-3, CEI 17-11 (Fasc. 1039),
EN 60947-3, NBN EN 60947-3, NF C 63-130

Technical data

	35kA/50kA	35kA/50kA	35kA/50kA
Rated thermal current	800A	1000A	1250A
Rated operational voltage Ue	1000V	1000V	1000V
Rated insulation voltage Ui	1500V	1500V	1500V
Peak short withstand circuit current	73.5kA/105kA	73.5kA/105kA	73.5kA/105kA
Rated short-circuit current	73.5kA/105kA	73.5kA/105kA	73.5kA/105kA
High 1s rated short time withstand Icw	35kA/50kA	35kA/50kA	35kA/50kA
Terminal capacity (Cu)	Cu-rail 2x50x5	Cu-rail 2x50x6	Cu-rail 2x50x8

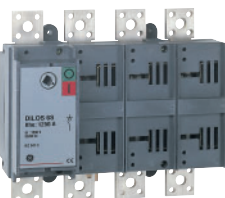
Technical data auxiliary contacts

Can be mounted on switches with direct handle and behind door
Break before main contacts
Changeover contacts
To be mounted on the top of the disconnecter
Data: Ie = 10A at 400V ~ AC12 - Ie = 10A at 400V ~ AC13 - Ie = 1.4A at 48V = DC13

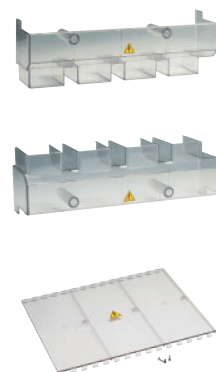
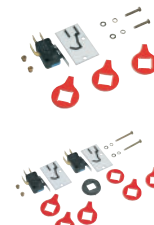
Fused disconnectors and
disconn. with tripping device ● pg. B.38
Motorised disconn. and
motorised changeover
disconnectors ● pg. B.40
Manual changeover disconn. ● pg. B.44
6P disconnectors ● pg. B.44

Technical data ● pg. C.4
Installation facilities ● pg. D.2 - D.5
Dimensions ● pg. E.5

Dilos 6S - Loadbreak disconnectors for wall mounting

	35kA					
	3P	Visible contacts. Without handle	800	D/661365-231	731570	1
			1000	D/661366-231	731584	1
			1250	D/661367-231	731557	1
	4P	Visible contacts. Without handle	800	D/661465-231	731662	1
			1000	D/661466-231	731677	1
			1250	D/661467-231	731691	1
	3P+Nf	Fixed neutral Visible contacts. Without handle	800	D/661565-231	731733	1
			1000	D/661566-231	731737	1
			1250	D/661567-231	731741	1
50kA						
3P	Visible contacts. Without handle	800	D/661365-251	731571	1	
		1000	D/661366-251	731585	1	
		1250	D/661367-251	731601	1	
4P	Visible contacts. Without handle	800	D/661465-251	731663	1	
		1000	D/661466-251	731678	1	
		1250	D/661467-251	731692	1	
3P+Nf	Fixed neutral Visible contacts. Without handle	800	D/661565-251	731734	1	
		1000	D/661566-251	731738	1	
		1250	D/661567-251	731742	1	

Accessories

	Single handles for 35kA version D/661960-231 731786 1 Direct black with transparent main contact cover shield (3P) D/662960-231 731882 1 Black with extension shaft (300 mm - 12x12 mm) for door mounting - IP65 - Padlockable in OFF position (3 padlocks 6.3 mm) and keylockable (Keylock not included) D/662960-232 731883 1 Black with extension shaft (300 mm - 12x12 mm) for door mounting - IP65 - Padlockable in OFF position (3 padlocks 6.3mm) with defeat mechanism and keylockable (Keylock not included)	Keylock D/062960-240 730857 1 Plug-in, Fiat key (code H235) Lockable in OFF position Key removable in OFF position	
	Double handles for 50kA version D/661960-251 731788 1 Direct black with transparent main contact cover shield (3P) D/662960-251 731884 1 Black with extension shaft (300 mm - 12x12 mm) for door mounting - IP65 - Padlockable in OFF position (3 padlocks 6.3 mm) - keylockable (Keylock not included) D/662960-252 731885 1 Black with extension shaft (300 mm - 12x12 mm) for door mounting - IP65 - Padlockable in OFF position (3 padlocks 6.3 mm) with defeat mechanism - keylockable (Keylock not included)	Padlock system D/661960-245 731787 1 For direct handle	
	Covers D/662962-223 731895 1 1 upper box terminal cover transparent D/662962-224 731896 1 1 lower box terminal cover transparent D/662962-227 731898 1 Transparent main contact cover shield (3P)		
	Auxiliary contacts (CO) D/661971-201 731794 1 1NO+1NC D/661971-202 731795 1 2NO+2NC		
Technical data, see page B.16			

Extension shaft, see page B.21

Extension shaft, see page B.21



Loadbreak disconnectors for wall mounting

Dilos 7S - 1600A
Dilos 8S - 2000A/2500A



Applications



Approvals / Marking

CESI certificate



Performance

Panel mounting
Main disconnecter
Disconnect function
Visible contact indication
Quick make and quick break mechanism
Independent opening and closing
Positive contact indication (PCI)
Defeat mechanism rotary handle
Double knife contacts - high short-circuit resistance
Number of poles 3P - 4P

Standards

IEC 60947-1 and IEC 60947-3, DIN VDE 0660 Teil 107,
DIN VDE 0113 Teil 1, BS EN 60947-3, CEI 17-11 (Fasc. 1039),
EN 60947-3, NBN EN 60947-3, NF C 63-130

Technical data

	1600A	2000A	2500A
Rated thermal current	1600A	2000A	2500A
Rated operational voltage Ue	1000V	1000V	1000V
Rated insulation voltage Ui	1500V	1500V	1500V
Peak short withstand circuit current	105kA	105kA	105kA
Rated short-circuit current	105kA	105kA	105kA
High 1s rated short time withstand Icw	50kA	50kA	50kA
Terminal capacity (Cu)	Cu-rail 2x60x10	Cu-rail 2x80x10	Cu-rail 2x80x10

Fused disconnectors and
disconn. with tripping device ● pg. B.38
Motorised disconn. and
motorised changeover
disconnectors ● pg. B.40
Manual changeover disconn. ● pg. B.44
6P disconnectors ● pg. B.44

Technical data ● pg. C.4
Installation facilities ● pg. D.2 - D.5
Dimensions ● pg. E.6

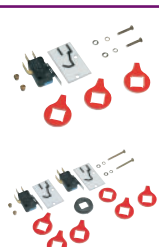
Dilos 7S - Loadbreak disconnectors for wall mounting

	1600A	Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	Visible contacts. Without handle	1600	D/661371-251	731618	1
	3P+N 50%	Visible contacts. Without handle	1600	D/661771-251	731752	1
	4P	Visible contacts. Without handle	1600	D/661471-251	731706	1

Dilos 8S - Loadbreak disconnectors for wall mounting

	2000A	Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	Visible contacts. Without handle	2000	D/661382-251	731632	1
	3P+N 50%	Visible contacts. Without handle	2000	D/661782-251	731754	1
	4P	Visible contacts. Without handle	2000	D/661482-251	731719	1
	2500A	Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	Visible contacts. Without handle	2500	D/661385-251	731646	1
	3P+N 50%	Visible contacts. Without handle	2500	D/661785-251	731761	1
	4P	Visible contacts. Without handle	2500	D/661485-251	731728	1

Accessories

	Double handles					
	D/661960-251	731788	1			
	Direct black with transparent main contact cover shield (3P)					
	D/662960-251	731884	1			
	Black with extension shaft (300 mm - 12x12 mm) for door mounting - IP65 - Padlockable in OFF position (3 padlocks 6.3 mm) - keylockable (Keylock not included)					
	D/662960-252	731885	1			
	Black with extension shaft (300 mm - 12x12 mm) for door mounting - IP65 - Padlockable in OFF position (3 padlocks 6.3 mm) with defeat mechanism - keylockable (Keylock not included)					
	Extension shaft, see page B.21					
	Contact cover					
	D/662962-227	731898	1			
	Transparent main contact cover shield (3P)					
	Keylock					
	D/062960-240	730857	1			
	Plug-in, Fiat key (code H235)					
	Lockable in OFF position					
	Key removable in OFF position					
	Padlock system					
	D/661970-245	731792	1			
	For direct handles Dilos 7S and Dilos 8S 2000A					
	D/661980-245	731798	1			
	For direct handle Dilos 8S 2500A					
	Auxiliary contacts (CO)					
	D/661971-201	731794	1			
	1NO+1NC					
	D/661971-202	731795	1			
	2NO+2NC					
	Technical data, see page B.16					



Loadbreak disconnectors for wall mounting

Dilos 9S - 3150A

Dilos 9 - 4000A



Applications



Approvals / Marking

CESI certificate (3150A)



Performance

Panel mounting
Main disconnector
Disconnect function
Visible contact indication
Quick make and quick break mechanism
Independent opening and closing
Positive contact indication (PCI)
Defeat mechanism rotary handle
Double knife contacts - high short-circuit resistance
Number of poles 3P - 4P

Standards

IEC 60947-1 and IEC 60947-3, DIN VDE 0660 Teil 107,
DIN VDE 0113 Teil 1, BS EN 60947-3, CEI 17-11 (Fasc. 1039),
EN 60947-3, NBN EN 60947-3, NF C 63-130

Technical data

	3150A	4000A
Rated thermal current	3150A	4000A
Rated operational voltage Ue	1000V	1000V
Rated insulation voltage Ui	1500V	1500V
Peak short withstand circuit current	105kA	105kA
Rated short-circuit current	105kA	105kA
High 1s rated short time withstand Icw	50kA	50kA
Terminal capacity (Cu)	Cu-rail 2x100x10	Cu-rail 2x100x10

Fused disconnectors and
disconn. with tripping device ● pg. B.38
Motorised disconn. and
motorised changeover
disconnectors ● pg. B.40
Manual changeover disconn. ● pg. B.44
6P disconnectors ● pg. B.44

Technical data ● pg. C.4
Dimensions ● pg. D.2 - D.5
Installation facilities ● pg. E.6

Dilos 9S - Loadbreak disconnectors for wall mounting



3P
3P+N 50%

Description	In (A)	Cat. no.	Ref. no.	Pack.
Visible contacts. Without handle	3150	D/661393-251	731654	1
Visible contacts. Without handle	3150	D/661793-251	731769	1

Accessories



Double handles

D/661960-251 **731788** 1

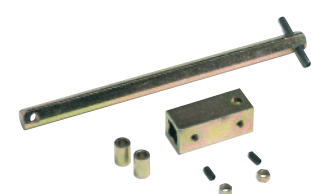
Direct black and transparent main contact cover shield (3P)

D/662960-251 **731884** ⁽¹⁾ 1

Black with extension shaft (300 mm - 12x12 mm) for door mounting - IP65 - Padlockable in OFF position (3 padlocks 6.3 mm) - keylockable (Keylock not included)

D/662960-252 **731885** ⁽¹⁾ 1

Black with extension shaft (300 mm - 12x12 mm) for door mounting - IP65 - Padlockable in OFF position (3 padlocks 6.3 mm) with defeat mechanism - keylockable (Keylock not included)



Extension shaft

D/662960-200 **731881** 1

200 mm (12/12)



Contact cover

D/662962-227 **731898** 1

Transparent main contact cover shield (3P)

Keylock

D/062960-240 **730857** 1

With plug-in Fiat key (code H235)

Lockable in OFF position

Key removable in OFF position



Padlock system

D/661990-245 **731800** 1

For direct handle



Auxiliary contacts (CO)

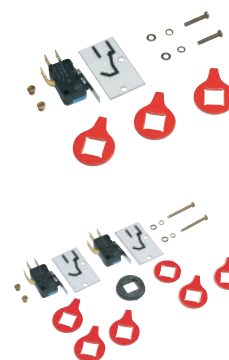
D/661971-201 **731794** 1

1NO+1NC

D/661971-202 **731795** 1

2NO+2NC

Technical data, see page B.16



(1) Depth between the rear of the disconnector and the front of the enclosures door: max 423 mm.

Dilos 9 - Loadbreak disconnectors for wall mounting

	3P 3P+N	Description	In (A)	Cat. no.	Ref. no.	Pack.
		Visible contacts. Without handle	4000*	D/061394-201	730743	1
		Visible contacts. Without handle	4000	D/061494-201	730757	1

* Not under load

Accessories

A black plastic double handle assembly with a metal coupling insert and a long metal extension shaft. The handle has a red stripe and a small black knob.

Double handles

D/061990-271 | **731357** | 1

Direct black with metal coupling insert

D/062990-261 | **731359** ⁽¹⁾ | 1

Black with extension shaft (300 mm -

12x12 mm) for door mounting - IP65 -

Padlockable in OFF position (3 padlocks

6.3 mm) with defeat mechanism -

keylockable plug-in (Fiat), with metal

coupling insert

A transparent plastic main contact cover shield with a yellow warning triangle in the center. It has a rectangular shape with a slightly raised edge.

Contact cover

D/062972-227 | **731498** | 1

Transparent main contact cover shield (3P)

Keylock

D/062960-240 | **730857** | 1

Plug-in, Fiat key (code H235)

Lockable in OFF position

Key removable in OFF position

A keylock assembly with a brass-colored body and a black handle. A black Fiat key is inserted into the lock.

Auxiliary contacts (CO)

D/062961-201 | **730860** | 1

1NO+1NC

D/062961-202 | **730861** | 1

2NO+2NC

A blue auxiliary contact assembly with two sets of terminals. It is shown with two screws and two washers.

Technical data, see page B.16

(1) Depth between the rear of the disconnector and the front of the enclosures door: max 520 mm.

Fused loadbreak disconnectors



Fulos 000 DIN - 125A
Fulos 000 NF - 125A
Fulos 000 BS - 100A



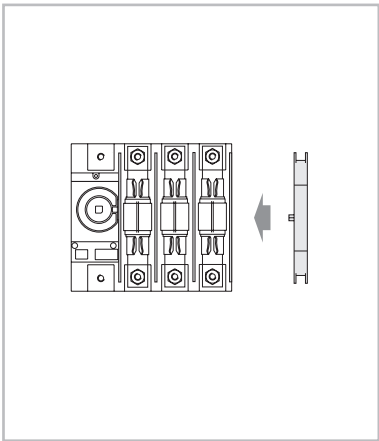
Applications



Approvals / Marking



Add-on devices



Performance

- Panel mounting
- Fused safety disconnector (main disconnector)
- Disconnect function
- Visible contact indication - transparent cover
- Quick make and quick break mechanism
- Independent opening and closing
- Positive contact indication (PCI)
- Very low power losses
- Fuse completely disconnected in "OFF"
- Defeat mechanism rotary handle
- Double knife contacts - high short-circuit resistance
- Number of poles 3P - 4P

Standards

- For disconnectors**
IEC 60947-1 and IEC 60947-3, DIN VDE 0660 Teil 107,
BS EN 60947-3, CEI 17-11 (Fasc. 1039), EN 60947-3,
NBN EN 60947-3, NF C 63-130
Safety disconnector (red/yellow) according to DIN VDE 0113 Teil 1
- For fuses**
IEC 60269-2-1, BS 88 Parts 1 & 2 1988, DIN VDE 0636 Teil 1,
NF EN 60269-1, NF C 63-211, NF C 63-210

Technical data

	DIN 000	NF	BS A2-A3
Rated thermal current	125A	125A	100A
Rated operational voltage Ue	690V	690V	690V
Rated insulation voltage Ui	1000V	1000V	1000V
Rated short-circuit current	50kA	50kA	50kA
Terminal capacity (Cu)	6-50mm ²	6-50mm ²	6-50mm ²



Fulos 000 - Fused loadbreak disconnectors

According to DIN		Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	NH 000 - NH 00. Without rotary handle	125	D/062311-201	730560	1
	3P+N	NH 000 - NH 00. Without rotary handle	125	D/062411-201	730576	1
	3P+NF	NH 000 - NH 00. Without rotary handle	125	D/062511-201	730592	1
According to NF 3P		Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	NF 22 x 58. Without rotary handle	125	D/062314-201	730821	1
	3P+N	NF 22 x 58. Without rotary handle	125	D/062414-201	730833	1
	3P+NF	NF 22 x 58. Without rotary handle	125	D/062514-201	730845	1
According to BS 3P		Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	BS A3 (TIS / OS - 440V) (OS 100 M125). Without rotary handle	100	D/062312-232	731919	1
	3P+N	BS A3 (TIS / OS - 440V) (OS 100 M125). Without rotary handle	100	D/062412-232	731921	1
	3P+NF	BS A3 (TIS / OS - 440V) (OS 100 M125). Without rotary handle	100	D/062512-232	731923	1

Fulos 000 - Safety fused loadbreak disconnectors

According to DIN		Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	NH 000 - NH 00 Yellow label, according to DIN VDE 0113 Teil 1 Without rotary handle	125	D/062311-203	730561	1
	3P+N	NH 000 - NH 00 Yellow label, according to DIN VDE 0113 Teil 1 Without rotary handle	125	D/062411-203	730577	1

Accessories



Direct handles

D/062910-251	731436	1
Low grey		
D/062910-253	731437	1
Low red		

Handles for inner door

Reduced height 55 mm
With extension shaft 300 mm
P65 - Padlockable

D/062927-202	731056	1
Black		
D/062927-203	731351	1
Red/yellow		



Accessories Fulos 000 (continued)



Handles for cover or hinged door

IP65 - Padlockable - Defeat

With extension shaft 300 mm (8/8)

D/062920-201 | **730661** | 1

Black

D/062920-203 | **730662** | 1

Red/yellow

D/062920-221 | **730663** | 1

Black and keylockable

(Keylock not included)

D/062920-223 | **730664** | 1

Red/yellow and keylockable

(Keylock not included)

D/062920-281 | **730853** | 1

Special set for disconnecter with neutral on the right, black

D/062920-283 | **730854** | 1

Special set for disconnecter with neutral on the right, red/yellow

Changeover system (I-O-II)

With extension shaft 300 mm, padlockable handle, gasket, flange and template IP65 - Defeat

D/062910-205 | **730655** | 1

With grey handle

D/062910-207 | **731347** | 1

With red/yellow handle

As above but with handle 55 mm height - for inner door

D/062927-265 | **731453** | 1

With black handle IP65

D/062927-267 | **731552** | 1

With red/yellow handle

6P/8P-system (I-O)

With extension shaft 300 mm, handle, gasket, flange and template IP65 - defeat

D/062910-206 | **730656** | 1

With grey handle



Keylock

D/769080-000 | **769080** | 1

Plug-in for handles (Ronis 1104)



Fuse protection cover

D/062912-225 | **730614** | 1

3P



Inbus key

D/061000-097 | **730000** | 1

Insulated S5 - L = 200 mm

Standard auxiliary contacts

To be added on the right side

D/061901-001 | **730252** | 1

1P CO

D/061901-002 | **730253** | 1

2P CO



Fulos 000

A

B

C

D

E

X



Fused loadbreak disconnectors

Fulos 00 DIN - 160A

Fulos 00 BS - 200A



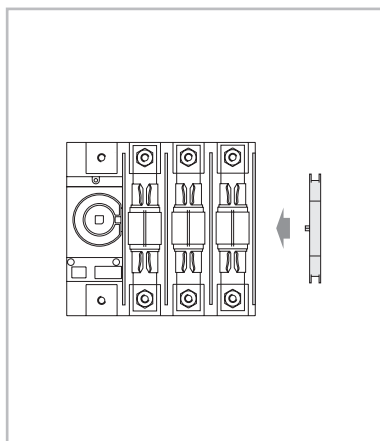
Applications



Approvals / Marking



Add-on devices



Performance

Panel mounting
Fused safety disconnector (main disconnector)
Disconnect function
Visible contact indication - transparent cover
Quick make and quick break mechanism
Independent opening and closing
Positive contact indication (PCI)
Very low power losses
Fuse completely disconnected in "OFF"
Defeat mechanism rotary handle
Double knife contacts - high short-circuit resistance
Number of poles 3P - 4P

Standards

For disconnectors

IEC 60947-1 and IEC 60947-3, DIN VDE 0660 Teil 107,
BS EN 60947-3, CEI 17-11 (Fasc. 1039), EN 60947-3,
NBN EN 60947-3, NF C 63-130
Safety disconnector (red/yellow) according to DIN VDE 0113 Teil 1

For fuses

IEC 60269-2-1, BS 88 Part 2 1988, DIN VDE 0636 Teil 1,
NF EN 60269-1, NF C 63-211, NF C 63-210

Technical data

	DIN 00 160A	BS A4 200A
Rated thermal current	160A	200A
Rated operational voltage Ue	690V	690V
Rated insulation voltage Ui	1000V	1000V
Rated short-circuit current	100kA	100kA
Terminal capacity (Cu)	30 x 6 mm ²	30 x 6 mm ²

Technical data ● pg. C.6
Installation facilities ● pg. D.5
Dimensions ● pg. E.4

Fulos 00 - Fused loadbreak disconnectors

According to DIN		Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	NH 00. Without rotary handle	160	D/062321-201	730563	1
	3P+N	NH 00. Without rotary handle	160	D/062421-201	730579	1
	3P+NF	NH 00. Without rotary handle	160	D/062521-201	730595	1
According to BS		Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	BS A4 (TCP Ø 26 - 690V). Without rotary handle	100	D/062322-241	730822	1
		BS A4 (TCP / TFP Ø 33.7 - 690V). Without rotary handle	200	D/062322-242	731925	1
	3P+N	BS A4 (TCP Ø 26 - 690V). Without rotary handle	100	D/062422-241	730834	1
		BS A4 (TCP / TFP Ø 33.7 - 690V). Without rotary handle	200	D/062422-242	731927	1
	3P+NF	BS A4 (TCP Ø 26 - 690V). Without rotary handle	100	D/062522-241	730846	1
		BS A4 (TCP / TFP Ø 33.7 - 690V). Without rotary handle	200	D/062522-242	731929	1

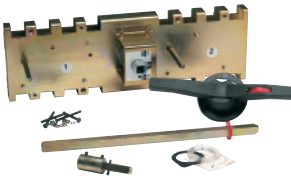
Fulos 00 - Safety fused loadbreak disconnecter

According to DIN		Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	NH 00 - yellow label, according to DIN VDE 0113 Teil 1 Without rotary handle	160	D/062321-203	730564	1
	3P+N	NH 00 - yellow label, according to DIN VDE 0113 Teil 1 Without rotary handle	160	D/062421-203	730580	1

Accessories

	Direct handles					
	D/062910-251	731436	1			
	Low grey					
	D/062910-253	731437	1			
	Low red					
	Handles for inner door					
	Reduced height 55 mm height					
	With extension shaft 300 mm					
	IP65 - padlockable					
	D/062920-201	730661	1			
	Black					
	D/062920-203	730662	1			
	Red/yellow					
	D/062920-221	730663	1			
	Black and keylockable					
	(Keylock Ronis 1104 not included)					
	D/062920-223	730664	1			
	Red/yellow and keylockable					
	(Keylock Ronis 1104 not included)					
	D/062920-281	730853	1			
	Special set for disconnector with neutral on the right, black					
	D/062920-283	730854	1			
	Special set for disconnector with neutral on the right, red/yellow					
	Keylock					
	D/769080-000	769080	1			
	Plug-in for handles (Ronis 1104)					

Accessories Fulos 00 (continued)



Changeover system (I-O-II)

With extension shaft 300 mm, padlockable handle, gasket, flange and template IP65 - Defeat

D/062920-265 730665 1

With grey handle

D/062920-267 731348 1

With red/yellow handle

As above but with handle 55 mm height - for inner door

D/062937-265 731455 1

With black handle

D/062937-267 731554 1

With red/yellow handle

6P/8P-system (I-O)

With extension shaft 300 mm, padlockable handle, gasket, flange and template IP65 - Defeat

D/062920-266 730666 1

With grey handle

Standard auxiliary contacts

To be added on the right side

D/061901-001 730252 1

1P CO

D/061901-002 730253 1

2P CO

Anticipated auxiliary contacts

(early make and early break)

To be mounted inside

D/062921-201 730610 1

1CO

D/062921-202 730611 1

2CO

Rear connection with cover

D/062922-253 730629 1

Set of 3 pieces

D/062922-254 730630 1

Set of 4 pieces

Inbus key

D/061000-097 730000 1

Insulated S5 - L = 200 mm

Fuse protection cover

D/062922-225 730617 1

3P



Terminals (Cu or Al 185 mm²)

D/062922-213 730627 1

Set of 3 V box terminals with cover

D/062922-214 730628 1

Set of 4 V box terminals with cover

D/062922-203 730625 1

Set of 3 terminals with cover

D/062922-204 730626 1

Set of 4 terminals with cover



Terminal covers 4P

D/062922-220 730615 1

Set of 2 long terminal covers, boxed

Sealable



D/062922-226 731459 1

Set of 2 short box terminal covers,

IP20 - sealable



D/062922-221 730616 1

Set of 2 connection bolt covers



X



Fused loadbreak disconnectors

Fulos 1 DIN - 250A
Fulos 2 DIN - 400A
Fulos 1 BS - 200A⁽¹⁾
Fulos 2 BS - 400A



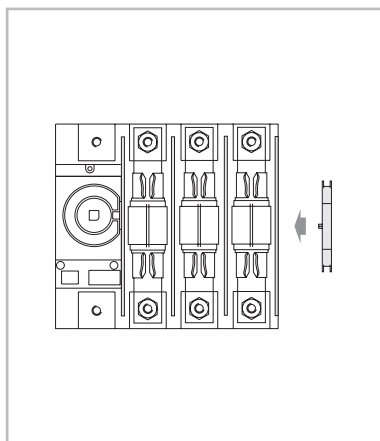
Applications



Approvals / Marking



Add-on devices



Performance

Panel mounting
 Fused safety disconnector (main disconnector)
 Disconnect function
 Visible contact indication - transparent cover
 Quick make and quick break mechanism
 Independent opening and closing
 Positive contact indication (PCI)
 Very low power losses
 Fuse completely disconnected in "OFF"
 Defeat mechanism rotary handle
 Double knife contacts - high short-circuit resistance
 Number of poles 3P - 4P

Standards

For disconnectors

IEC 60947-1 and IEC 60947-3, DIN VDE 0660 Teil 107,
 BS EN 60947-3, CEI 17-11 (Fasc. 1039), EN 60947-3,
 NBN EN 60947-3, NF C 63-130
 Safety disconnector (red/yellow) according to DIN VDE 0113 Teil 1

For fuses

IEC 60269-2-1, BS 88 Part 2 1988, DIN VDE 0636 Teil 1,
 NF EN 60269-1, NF C 63-211, NF C 63-210

Technical data

	DIN 1/2 250A/400A	BS B1-B4 200A/400A
Rated thermal current	250A/400A	200A/400A
Rated operational voltage U _e	690V	690V
Rated insulation voltage U _i	1000V	1000V
Rated short-circuit current	100kA	100kA
Terminal capacity (Cu)	2x40x6	2x40x6

(1) BS A4 GTMF - 415V - 400A

Technical data ● pg. C.6
 Installation facilities ● pg. D.5
 Dimensions ● pg. E.4

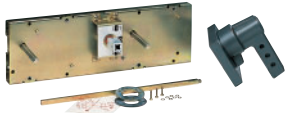
Fulos 1 - Fused loadbreak disconnectors

According to DIN		Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	NH 1. Without rotary handle	250	D/062341-201	730569	1
	3P+N	NH 1. Without rotary handle	250	D/062441-201	730585	1
	3P+NF	NH 1 - Fixed neutral. Without rotary handle	250	D/062541-201	730601	1
According to BS		Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	BS B1-B2 (TC / TF Ø 33.7 - 690V). Without rotary handle	200	D/062342-221	730823	1
		BS B4 (GTMF Ø 40.4 - 415V). Without rotary handle	400	D/062342-222	731931	1
	3P+N	BS B1-B2 (TC / TF Ø 33.7 - 690V). Without rotary handle	200	D/062442-221	730835	1
		BS B4 (GTMF Ø 40.4 - 415V). Without rotary handle	400	D/062442-222	731933	1
	3P+NF	BS B1-B2 (TC / TF Ø 33.7 - 690V). Without rotary handle	200	D/062542-221	730847	1
		BS B4 (GTMF Ø 40.4 - 415V). Without rotary handle Fixed neutral	400	D/062542-222	731935	1

Fulos 1 - Safety fused loadbreak disconnectors

According to DIN		Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	NH 1 - with yellow label, acc. DIN VDE 0113 Teil 1 Without rotary handle	250	D/062341-203	730570	1
	3P+N	NH 1 - with yellow label, acc. DIN VDE 0113 Teil 1 Without rotary handle	250	D/062441-203	730586	1

Accessories

	Direct handles					
	D/062930-251	731420	1			
	Low grey					
	D/062930-253	731421	1			
	Low red					
	Handles for inner door					
	IP65 - With extension shaft 300 mm					
	Reduced height 55 mm - Padlockable					
	D/062947-202	731352	1			
	Black					
	D/062947-203	731353	1			
	Red/yellow					
	Handles for cover or hinged door					
	IP54 - Defeat - Padlockable					
	With extension shaft 300 mm (14/14)					
	D/062940-241	730667	1			
	Grey					
	D/062940-243	730668	1			
	Red/yellow					
	D/062940-281	730855	1			
	Special set for disconnector with neutral on the right - grey					
	Changeover system (I-O-II)					
	With extension shaft 300 mm, padlockable handle, gasket, flange and template					
	Padlockable					
	D/062940-265	730669	1			
	With handle IP54 - Defeat mechanism					
	As above but with handle 55 mm height - for inner door					
	D/062947-265	731457	1			
	With black handle IP65					

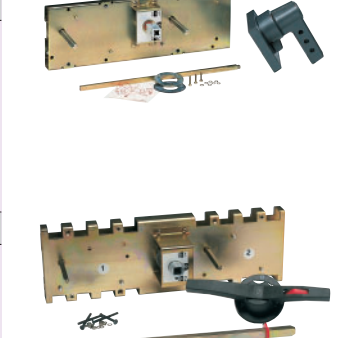
Accessories Fulos 1 (continued)

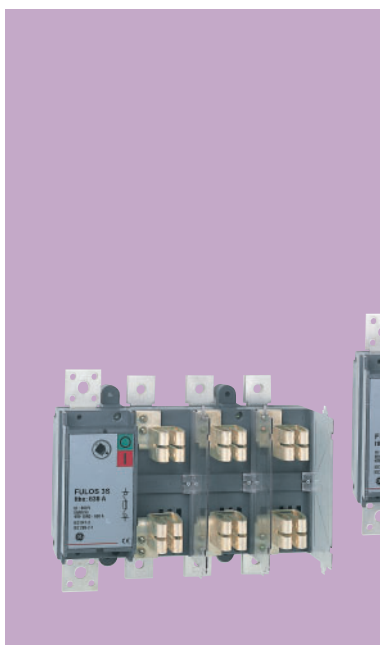
	Standard auxiliary contacts To be added on the right side				
	D/061901-001	730252	1		
	1P CO				
	D/061901-002	730253	1		
	2P CO				
	Max. current rating for AC 15 and DC 13				
	AC 3A at 380V				
	5A at 220V				
	DC 0.5A at 220V				
	0.7A at 110V				
	1A at 60V				
	2A at 48V				
	4A at 24V				
	Anticipated auxiliary contacts (early make and early break) To be mounted inside				
	P9B10VN	187002	1		
	1P NO				
	P9B01VR	187003	1		
	1P NC				
	Terminals (Cu or Al 240 mm²)				
	D/062942-213	730633	1		
	Set of 3 V box terminals with cover				
	D/062942-214	730634	1		
	Set of 4 V box terminals with cover				
	Rear connections with cover				
	D/062942-253	730635	1		
	Set of 3 pieces				
	D/062942-254	730636	1		
	Set of 4 pieces				
		Fuse protection cover			
		D/062942-225	730620	1	
		3P			
		Terminal covers - 4P			
		D/062942-220	730618	1	
		Set of 2 long box terminal covers			
		Terminal covers - 4P			
		D/062942-226	731461	1	
		Set of 2 short box terminal covers			
		IP20 - sealable			
		D/062942-221	730619	1	
		Set of 2 connection bolt covers - boxed			

Fulos 2 - Fused loadbreak disconnectors

According to DIN		Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	NH 2. Without rotary handle	400	D/062351-201	730572	1
	3P+N	NH 2. Without rotary handle	400	D/062451-201	730588	1
	3P+NF	NH 2. Without rotary handle	400	D/062551-201	730604	1
According to BS		Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	BS B3-B4 (TKF / TMF - 690V). Without rotary handle	400	D/062352-241	730824	1
	3P+N	BS B3-B4 (TKF / TMF - 690V). Without rotary handle	400	D/062452-241	730836	1
	3P+N	BS B3-B4 (TKF / TMF - 690V). Without rotary handle	400	D/062552-241	730848	1

Accessories Fulos 2

	Direct handles D/062930-251 731420 1 Low grey	Changeover system (I-O-II) With extension shaft 300 mm, padlockable handle, gasket, flange and template Padlockable D/062940-265 730669 1 With handle IP54 - defeat	
	Handles for cover or hinged door IP54 - Defeat - Padlockable With extension shaft 300 mm (14/14) D/062940-241 730667 1 Grey D/062940-281 730855 1 Special set for disconnectors with neutral on the right - grey	As above but with handle 55 mm height for inner door D/062947-265 731457 1 With black handle IP65	
	Handles for inner door IP65 - Padlockable D/062947-202 731352 1 Black, reduced height 55 mm With extension shaft 300 mm	Terminals (Cu or Al 240 mm²) D/062942-213 730633 1 Set of 3 box terminals with cover D/062942-214 730634 1 Set of 4 box terminals with cover	
	Standard auxiliary contacts To be added on the right side D/061901-001 730252 1 1P CO D/061901-002 730253 1 2P CO Max. current rating for AC 15 and DC 13 AC 3A at 380V 5A at 220V DC 0.5A at 220V 0.7A at 110V 1A at 60V 2A at 48V 4A at 24V	Rear connections with cover D/062942-253 730635 1 Set of 3 pieces D/062942-254 730636 1 Set of 4 pieces	
	Anticipated auxiliary contacts (early make and early break) To be mounted inside P9B10VN 187002 1 1P NO P9B01VR 187003 1 1P NC	Terminal covers - 4P D/062942-220 730618 1 Set of 2 long box terminal covers	
	Fuse protection cover D/062942-225 730620 1 3P	D/062942-221 730619 1 Set of 2 connection bolt covers	



Fused loadbreak disconnectors for panel mounting

Fulos 3S DIN - 630A

Fulos 3S BS - 630A



Applications



Approvals / Marking



Performance

Panel mounting
Fused safety disconnector (main disconnector)
Disconnect function
Visible contact indication
Quick make and quick break mechanism
Independent opening and closing
Positive contact indication (PCI)
Very low power losses
Fuse completely disconnected in "OFF"
Defeat mechanism rotary handle
Double knife contacts - high short-circuit resistance
Number of poles 3P - 4P

Standards

For disconnectors

IEC 60947-1 and IEC 60947-3, DIN VDE 0660 Teil 107,
DIN VDE 0113 Teil 1, BS EN 60947-3, CEI 17-11 (Fasc. 1039),
EN 60947-3, NBN EN 60947-3, NF C 63-130

For fuses

IEC 60269-2-1, BS 88 Part 2 1988, DIN VDE 0636 Teil 1, NF EN 60269-1,
NF C 63-211, NF C 63-210

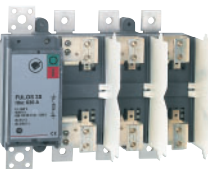
Technical data

Fused disconnectors and
disconn. with tripping device ● pg. B.38
Motorised disconn. and
motorised changeover
disconnectors ● pg. B.40
Manual changeover disconn. ● pg. B.44
6P disconnectors ● pg. B.44

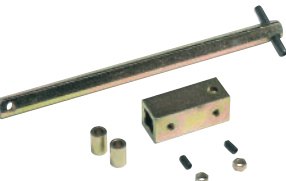
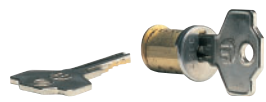
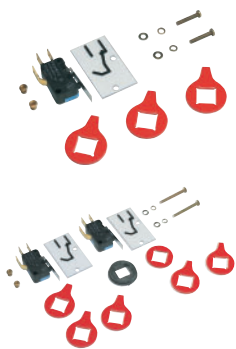
Technical data ● pg. C.6
Dimensions ● pg. E.8

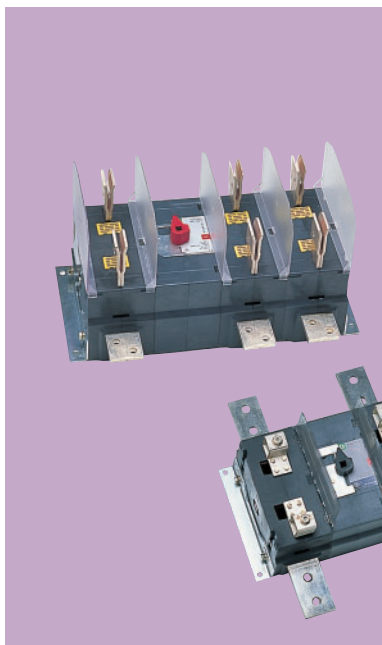
	DIN 3	BS C1-C2-C3
Rated thermal current	630A	630A
Rated operational voltage Ue	690V	690V
Rated insulation voltage Ui	1000V	1000V
Rated short-circuit current	100kA	100kA
Terminal capacity (Cu)	2x40x6	2x40x6

Fulos 3S - Fused loadbreak disconnectors

According to DIN		Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	NH 3. Without rotary handle	630	D/662361-231	731815	1
	3P+N	NH 3. Without rotary handle	630	D/662461-231	731845	1
According to BS						
	3P	BS C1-C2 (TM / TTM - 690V). Without rotary handle	630	D/662362-231	731825	1
	3P+N	BS C1-C2 (TM / TTM - 690V). Without rotary handle	630	D/662462-231	731855	1

Accessories

	Single handles		
	D/662970-231	731903	1
	Direct black with fuse cover (3P)		
	D/662960-231	731882	1
Black with extension shaft (300 mm - 12x12 mm) for door mounting - IP65 - Padlockable in OFF position (3 padlocks 6.3 mm) - keylockable (Keylock not included)			
D/662960-232	731883	1	
Black with extension shaft (300 mm - 12x12 mm) for door mounting - IP65 - Padlockable in OFF position (3 padlocks 6.3 mm) with defeat mechanism - keylockable (Keylock not included)			
	Extension shaft		
	D/662960-200	731881	1
	200 mm		
	Keylock		
	D/062960-240	730857	1
	Plug-in, Fiat key (code H235) Lockable in OFF Key removable in OFF position		
	Padlock system		
	D/661960-245	731787	1
	For direct handle		
Covers - transparent			
D/662962-223	731895	1	
1 upper box terminal cover			
D/662962-224	731896	1	
1 lower box terminal cover			
D/662962-225	731897	1	
Sealable fuse cover (3P)			
			
Connection set			
D/662972-229	731906	1	
For fuse detection			
			
Auxiliary contacts (CO)			
D/661971-201	731794	1	
1NO+1NC			
D/661971-202	731795	1	
2NO+2NC			
			
Technical data, see page B.16			



Fused loadbreak disconnectors for panel mounting

Fulos 4 DIN - 800/1000A

Fulos 4 BS - 1250A



Applications



Approvals / Marking



Performance

Panel mounting
Fused safety disconnector (main disconnector)
Disconnect function
Visible contact indication
Quick make and quick break mechanism
Independent opening and closing
Positive contact indication (PCI)
Very low power losses
Fuse completely disconnected in "OFF"
Defeat mechanism rotary handle
Double knife contacts - high short-circuit resistance
Number of poles 3P - 4P

Standards

For disconnectors

IEC 60947-1 and IEC 60947-3, DIN VDE 0660 Teil 107,
DIN VDE 0113 Teil 1, BS EN 60947-3, CEI 17-11 (Fasc. 1039),
EN 60947-3, NBN EN 60947-3, NF C 63-130

For fuses

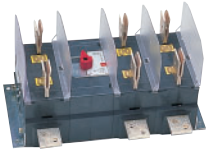
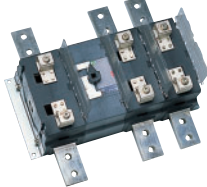
IEC 60269-2-1, BS 88 Part 2 1988, DIN VDE 0636 Teil 1,
NF EN 60269-1, NF C 63-211, NF C 63-210

Technical data

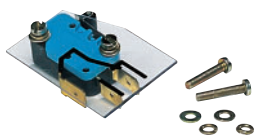
	DIN 4D 800A/1000A	BS D1 1250A
Rated thermal current	690V	690V
Rated operational voltage Ue	1000V	1000V
Rated insulation voltage Ui	100kA	100kA
Rated short-circuit current	2x50x6 Cu	2x50x6 Cu
Terminal capacity (Cu)		

Technical data ● pg. C.6
Dimensions ● pg. E.9

Fulos 4 - Fused loadbreak disconnectors

According to DIN		Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	NH 4D. Without rotary handle	1000	D/062371-201	730773	1
	3P+N	NH 4D. Without rotary handle	1000	D/062471-201	730777	1
According to BS		Description	In (A)	Cat. no.	Ref. no.	Pack.
	3P	BS D1 (TLU / TXU - 690V). Without rotary handle	1250	D/062372-211	730827	1
	3P+N	BS D1 (TLU / TXU - 690V). Without rotary handle	1250	D/062472-211	730839	1

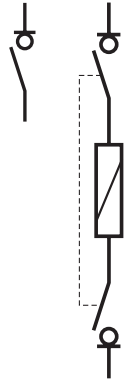
Accessories

	Double handles D/061980-271 730975 1 Direct black	
	D/062970-261 730865 1 Black with extension shaft (300 mm - 12x12 mm) for door mounting - IP65 - Padlockable in OFF position (3 padlocks 6.3 mm) standard with defeat mechanism and keylockable (Keylock not included)	
	Keylock D/062960-240 730857 1 Plug-in, Fiat key (code H235) Lockable in OFF position Key removable in OFF position	
	Auxiliary contacts (CO) D/062961-201 730860 1 1NO+1NC D/062961-202 730861 1 2NO+2NC Technical data, see page B.16	
	Terminal cover kit D/062972-223 730867 1 Set of 3 covers (1 cover/pole) for Fulos 4 D/062972-224 730868 1 Set of 4 covers (1 cover/pole) for Fulos 4	



Fused and loadbreak disconnectors - 50kA with tripping device - BA (bell alarm)

Dilos BA 800A up to 2000A
Fulos BA 630A - 800A



Applications



Approvals / Marking



Performance

- Panel mounting
- Safety disconnecter (main disconnecter)
- Disconnect function
- With tripping device (bell alarm)
- Visible contact indication - transparent cover
- Quick make and quick break mechanism
- Independent opening and closing
- Positive contact indication (PCI)
- Double knife contacts - high short-circuit resistance
- Number of poles 3P - 4P

Standards

IEC 60947-1 and IEC 60947-3, DIN VDE 0660 Teil 107,
BS EN 60947-3, CEI 17-11 (Fasc. 1039), EN 60947-3,
NBN EN 60947-3, NF C 63-130

Function

Manual operated disconnectors with bell alarm (BA) are supplied with a remote tripping device by means of a current coil.
A push-button on the board or operated remotely allows switching off.
Standard with auxiliary signal contact.
The standard coil voltage is 230Vac.

Dilos 6S BA - Loadbreak disconnectors



	Description	Coil voltage (V)	In (A)	Cat. no.	Ref. no.	Pack.
3P	With door interlock handle IP65 and transparent main contact cover shield	230Vac	800	D/661365-273	731574	1
			1000	D/661366-273	731588	1
			1250	D/661367-273	731606	1
4P	With door interlock handle IP65 and transparent main contact cover shield	230Vac	800	D/661465-273	731667	1
			1000	D/661466-273	731681	1
			1250	D/661467-273	731695	1

Dilos 7S BA - Loadbreak disconnectors

	Description	Coil voltage (V)	In (A)	Cat. no.	Ref. no.	Pack.
3P	With door interlock handle IP65 and transparent main contact cover shield	230Vac	1600	D/661371-273	731621	1
4P	With door interlock handle IP65 and transparent main contact cover shield	230Vac	1600	D/661471-273	731709	1

Dilos 8S BA - Loadbreak disconnectors

	Description	Coil voltage (V)	In (A)	Cat. no.	Ref. no.	Pack.
3P	With door interlock handle IP65 and transparent main contact cover shield	230Vac	2000	D/661382-273	731637	1
4P	With door interlock handle IP65 and transparent main contact cover shield	230Vac	2000	D/661482-273	731721	1

Fulos 3S BA - Fused loadbreak disconnectors



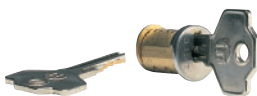
According to DIN

	Description	Coil voltage (V)	In (A)	Cat. no.	Ref. no.	Pack.
3P	NH 3 - With door interlock handle IP65 and transparent main contact cover shield	230Vac	630	D/662361-273	731818	1
3P+N	NH 3 - With door interlock handle IP65 and transparent main contact cover shield	230Vac	630	D/662461-273	731848	1

According to BS

3P	With door interlock handle IP65 and transparent main contact cover shield					
	BS C1-C2 (TM / TTM - 690V)		630	D/662362-273	731828	1
	BS C3 (TLM / 690V)		800	D/662363-273	731838	1
3P+N	BS C1-C2 (TM / TTM - 690V)		630	D/662462-273	731858	1
	BS C3 (TLM / 690V)		800	D/662463-273	731868	1

Accessories



Keylock

D/062960-240	730857	1
Plug-in, Fiat key (code H235)		
Lockable in OFF		
Key removable in OFF position		

Terminal covers - transparent

D/662962-223	731895	1
1 upper box terminal cover for Dilos 6S and Fulos 3S		
D/662962-224	731896	1
1 lower box terminal cover for Dilos 6S and Fulos 3S		

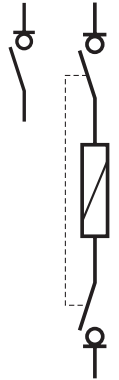




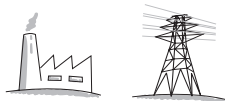
Motorised fused and loadbreak disconnectors (MO) - 50kA Motorised changeover loadbreak disconnectors (CO-MO) - 50kA

Dilos MO 800A up to 3150A
Fulos 3S MO 630A/800A

CO-Dilos 6S MO - 800A - 1250A
CO-Dilos 7S MO - 1600A
CO-Dilos 8S MO - 2000A/2500A



Applications



Approvals / Marking



Performance

Panel mounting
Safety disconnecter (main disconnecter)
Disconnect function
Visible contact indication - transparent cover
Quick make and quick break mechanism
Independent opening and closing
Positive contact indication (PCI)
Double knife contacts - high short-circuit resistance
Padlockable with 3 padlocks (motorised and manual operation are inhibited)
Motorised or manual operation (always with a spare handle) by selection with a key lock (only one operation possible)
Indication 0-I and I-0-II by led
Indication 0-I and I-0-II operated remotely by auxiliary contacts
Motor ratings: 110Vac, 230Vac, 380Vac and 24Vdc
Switching time: closing (0 to I) and opening (I to 0) = 1.5 s.
Number of poles 3P - 4P
Fulos 3S for DIN or BS fuses

Standards

IEC 60947-1 and IEC 60947-3, DIN VDE 0660 Teil 107,
DIN VDE 0113 Teil 1, BS EN 60947-3, CEI 17-11 (Fasc. 1039),
EN 60947-3, NBN EN 60947-3, NF C 63-130

Technical data

Voltage	24Vdc	60Vdc	230Vac	220/380Vac
Start	120VA	135VA	80W	35W
Nominal	70VA	78VA	20W	24W

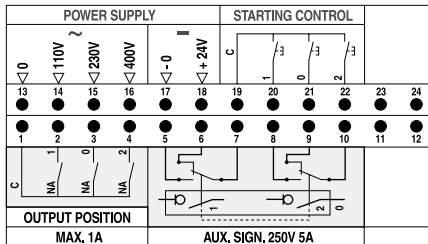
Technical data ● pg. C.4/C.6
Dimensions ● pg. E.12/E.15



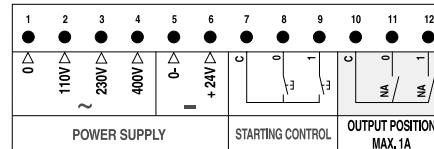
Terminal board diagram

Terminal board diagram connections are done by terminal (MO) or by connector (CO-MO) with following terminals:

- power supply
- start push-buttons
- indication of the changeover position (I-O-II) or 0-I for the disconnector
- auxiliary changeover signal contacts



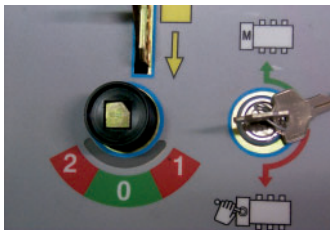
CO-MO diagram



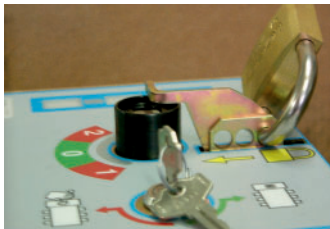
MO diagram

Operating instructions

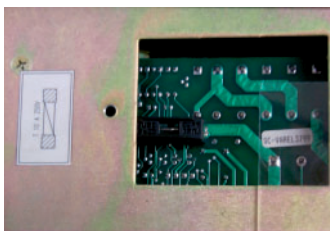
By rotating the key to the manual position, it is possible to operate manually through the handle, at the same time the electrical operation is inhibited. During manual operation, the display will continue to show the different changeover positions (I-O-II).



It is possible to fit in the proper padlocking device up to three padlocks. When padlocked, both manual and electrical operations are inhibited.



On the side of the housing is the fuse space. In case of fuse blow-out, the led corresponding to the fuse to be replaced lights up.



Handle for manual operation with sliding handgrip. To be stored near the disconnector.



Dilos 6S MO - Loadbreak disconnectors

	Description	In (A)	Cat. no.	Ref. no.	Pack.
 3P	With transparent main contact cover shield and spare handle	800	D/661365-281	731575	1
		1000	D/661366-281	731589	1
		1250	D/661367-281	731607	1
4P	With transparent main contact cover shield and spare handle	800	D/661465-281	731668	1
		1000	D/661466-281	731682	1
		1250	D/661467-281	731696	1

Dilos 7S MO - Loadbreak disconnectors

	Description	In (A)	Cat. no.	Ref. no.	Pack.
3P	With transparent main contact cover shield and spare handle	1600	D/661371-281	731622	1
4P	With transparent main contact cover shield and spare handle	1600	D/661471-281	731711	1

Dilos 8S MO - Loadbreak disconnectors

	Description	In (A)	Cat. no.	Ref. no.	Pack.
3P	With transparent main contact cover shield and spare handle	2000	D/661382-281	731638	1
		2500	D/661385-281	731648	1
4P	With transparent main contact cover shield and spare handle	2000	D/661482-281	731723	1
		2500	D/661485-281	731729	1

Dilos 9S MO - Loadbreak disconnectors

	Description	In (A)	Cat. no.	Ref. no.	Pack.
3P	With transparent main contact cover shield and spare handle	3150	D/661393-281	731656	1
3P+N 50%	With transparent main contact cover shield and spare handle	3150	D/661793-281	731773	1

Fulos 3S MO - Fused loadbreak disconnectors

According to DIN	Description	In (A)	Cat. no.	Ref. no.	Pack.
3P	NH 3 - With spare handle and cover shield	630	D/662361-281	731819	1
3P+N	NH 3 - With spare handle and cover shield	630	D/662461-281	731849	1
According to BS	Description	In (A)	Cat. no.	Ref. no.	Pack.
3P	BS C1-C2 (T/M / TTM - 690V) - With spare handle and cover shield	630	D/662362-281	731829	1
	BS C3 (TLM - 690V) - With spare handle and cover shield	800	D/662363-281	731839	1
3P+N	BS C1-C2 (T/M / TTM - 690V) - With spare handle and cover shield	630	D/662462-281	731859	1
	BS C3 (TLM - 690V) - With spare handle and cover shield	800	D/662463-281	731869	1

Accessories

Terminal cover - transparent	Terminal cover - transparent	
		
D/662962-223 731895 1	D/662962-224 731896 1	
1 upper box terminal cover	1 lower box terminal cover	

CO-Dilos 6S MO - Changeover loadbreak disconnectors



	Description	In (A)	Cat. no.	Ref. no.	Pack.
3P	With transparent main contact cover shield and spare handle	800	D/661365-285	731576	1
		1000	D/661366-285	731590	1
		1250	D/661367-285	731608	1
4P	With transparent main contact cover shield and spare handle	800	D/661465-285	731669	1
		1000	D/661466-285	731683	1
		1250	D/661467-285	731697	1

CO-Dilos 7S MO - Changeover loadbreak disconnectors

	Description	In (A)	Cat. no.	Ref. no.	Pack.
3P	With transparent main contact cover shield and spare handle	1600	D/661371-285	731625	1
4P	With transparent main contact cover shield and spare handle	1600	D/661471-285	731712	1

CO-Dilos 8S MO - Changeover loadbreak disconnectors

	Description	In (A)	Cat. no.	Ref. no.	Pack.
3P	With transparent main contact cover shield and spare handle	2000	D/661382-285	731639	1
		2500	D/661385-285	731649	1
3P+N 50%	With transparent main contact cover shield and spare handle	2000	D/661782-285	731756	1
		2500	D/661785-285	731763	1

Accessories for CO-Dilos 6S MO



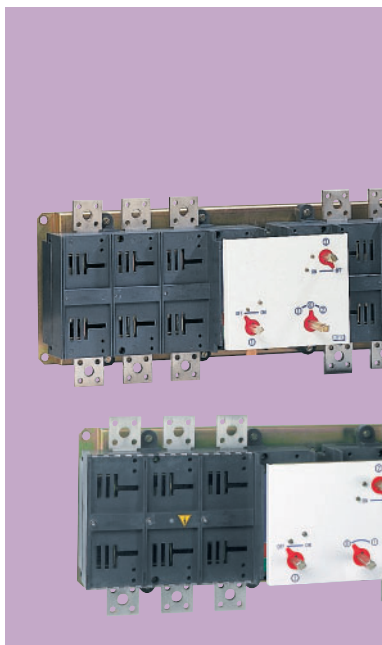
Terminal cover - transparent

D/662962-223	731895	1
1 upper box terminal cover		

Terminal cover - transparent

D/662962-224	731896	1
1 lower box terminal cover		





Manual changeover loadbreak disconnectors - 50kA 6P loadbreak disconnectors - 35kA

CO-Dilos 6S - 800A up to 1250A

CO-Dilos 7S - 1600A

CO-Dilos 8S - 2000A/2500A

6P Dilos 6S - 800A up to 1250A



Applications



Approvals / Marking



Performance

Panel mounting
Safety disconnector (main disconnector)
Disconnect function
Visible contact indication - transparent cover
Quick make and quick break mechanism
Independent opening and closing
Positive contact indication (PCI)
Double knife contacts - high short-circuit resistance
Number of poles 3P - 4P = changeover
6P = 6P Dilos

Standards

IEC 60947-1 and IEC 60947-3, DIN VDE 0660 Teil 107,
DIN VDE 0113 Teil 1, BS EN 60947-3, CEI 17-11 (Fasc. 1039),
EN 60947-3, NBN EN 60947-3, NF C 63-130

CO disconnectors

B

C

D
E

X



Benefits	A
Order codes	B
Technical data	C
Installation facilities	D
Dimensions	E
Numerical Index	X

- C.2 **Dilos** - Loadbreak disconnectors for DIN-rail mounting
- C.4 **Dilos** - Loadbreak disconnectors for wall mounting
- C.6 **Fulos** - Fused loadbreak disconnectors for wall mounting



Dilos - Loadbreak disconnectors for DIN-rail mounting

			Dilos 00	Dilos 00	Dilos 00	Dilos 00	Dilos 0	
Conventional enclosed thermal current $I_{the} = I_{th}$			(A)	16	25	32	40	32
Number of poles				3	3	3	3	2/3/4
Frequency			(Hz)	50/60	50/60	50/60	50/60	50/60
Rated thermal current at	40°C	(A)	16	25	32	40	32	
	50°C	(A)	16	25	32	40	32	
	60°C	(A)	16	25	32	40	32	
Power loss per pole			(W)	0.12	0.35	0.6	1	0.6
Terminal capacity (Cu)	minimum	(mm ²)	1.5	1.5	1.5	1.5	2.5	
	maximum	(mm ²)	16	16	16	16	25	
Maximum torque on terminals			(Nm)	2.2	2.2	2.2	2.2	-
Rated operational voltage Ue			(V)	690	690	690	690	415
Rated insulation voltage Ui			(V)	690	690	690	690	415
Rated impulse withstand voltage (2000m) Uimp			(kV)	8	8	8	8	8
Impulse test voltage at sea level			(kV)	12.3	12.3	12.3	12.3	12.3
Rated operational current Ie AC21A	Ue=400V	(A)	16	25	32	40	32	
	Ue=415V	(A)	16	25	32	40	32	
	Ue=500V	(A)	16	25	32	40	-	
	Ue=690V	(A)	16	25	32	40	-	
Rated operational current Ie AC22A	Ue=400V	(A)	16	25	32	40	32	
	Ue=415V	(A)	16	25	32	40	32	
	Ue=500V	(A)	16	25	32	40	-	
	Ue=690V	(A)	16	25	32	40	-	
Rated operational current Ie AC23A	Ue=400V	(A)	16	25	32	40	32	
	Ue=415V	(A)	16	25	32	40	32	
	Ue=500V	(A)	16	25	32	40	-	
	Ue=690V	(A)	16	25	25	25	-	
Maximum rated operational power at rated duty AC23	Ue=400V	(kW)	7.5	7.5	11	11	17	
	Ue=415V	(kW)	7.5	7.5	11	11	17	
	Ue=500V	(kW)	7.5	7.5	11	15	-	
	Ue=690V	(kW)	11	11	11	18.5	-	
Rated making and breaking capacity at 415V AC23A	making 10 x Ie	(A)	160	250	320	400	320	
	breaking 8 x Ie	(A)	128	200	256	320	256	
Rated short time withstand current Icw	1 s.	(kA rms)	1	1	1.2	1.2	2.5	
	0.25 s.	(kA rms)	-	-	-	-	-	
Rated short-circuit making capacity Icm	Ue=400V	(kA peak)	4.5	4.5	4.5	4.5	6	
	Ue=415V	(kA peak)	4.5	4.5	4.5	4.5	6	
	Ue=500V	(kA peak)	3	3	3	3	-	
	Ue=690V	(kA peak)	3	3	3	3	-	
Rated conditional short-circuit current with back-up protection featuring the same current rating as the switch (kA rms)	400V	(kA)	50	50	50	50	15	
	415V	(kA)	50	50	50	50	15	
	500V	(kA)	50	50	50	50	-	
	690V	(kA)	50	50	50	50	-	
Rated capacity power at 400V			(kVAR)	-	-	-	-	-
Rated operational current DC23A	2P in series 110V	(A)	-	25	32	40	-	
	2P in series 220V	(A)	-	25	-	-	-	
	4P in series 220V	(A)	-	-	-	-	-	
Operating torque			(Nm)	0.5	0.5	0.5	0.5	2.5
Force			(N)	-	-	-	-	50
Durability (number of operational cycles)	electrical		3000	3000	3000	3000	1000	
	mechanical (min)		40000	40000	40000	40000	10000	
UL listed following UL file E143291 (acc UL508)								
UL 508 General Use 480V		In	(A)	-	-	-	-	-
UL 508 Manual motor controller 480V		FLA	(A)	-	-	-	-	-
		Power	(HP)	-	-	-	-	-
UL short-circuit at 480V	K5fu	(kA)	-	-	-	-	-	-
	UL J-fuses	(kA)	-	-	-	-	-	-
Weight	2P	(kg)	0.125	0.125	0.125	0.125	0.27	
	3P	(kg)	0.125	0.125	0.125	0.125	0.29	
	4P	(kg)	0.170	0.170	0.170	0.170	0.33	

Dilos 0	Dilos 0	Dilos 1	Dilos 1	Dilos 1	Dilos 1	Dilos 1	Dilos 2	Dilos 2
40	63	40	63	80	100	125	160	200
2/3/4	2/3/4	2/3/4	2/3/4	2/3/4	2/3/4	2/3/4	2/3/4	2/3/4
50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
40	63	40	63	80	100	125	160	200
40	63	40	63	80	100	125	160	200
40	63	40	63	80	100	125	160	200
1	1.6	0.48	1.2	1.84	2.9	4.5	6.5	10
2.5	2.5	6	6	6	6	6	Cu-rail	Cu-rail
25	25	50	50	50	50	50	20x6	20x6
-	-	12	12	12	12	12	12	12
415	415	690	690	690	690	690	690	690
415	415	690	690	690	690	690	690	690
8	8	8	8	8	8	8	8	8
12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
40	63	40	63	80	100	125	160	200
40	63	40	63	80	100	125	160	200
-	-	40	63	80	100	100	160	200
-	-	40	63	80	100	100	160	200
40	63	40	63	80	100	125	160	200
40	63	40	63	80	100	125	160	200
-	-	40	63	80	100	100	160	200
-	-	40	50	63	63	63	160	200
40	63	40	50	80	80	80	125	160
40	63	40	50	80	80	80	125	160
-	-	25	32	50	50	50	125	125
-	-	18	25	40	40	40	63	80
21	21	21	27	44	44	44	69	88
21	21	22	28	46	46	46	72	92
-	-	22	22	35	35	35	86	86
-	-	22	22	36	36	36	60	76
400	630	400	630	800	1000	1250	1600	2000
320	504	320	504	640	800	1000	1280	1600
2.5	2.5	3	3	3	3	3	3	3
-	-	6	6	6	6	6	6	6
6	6	6.8	6.8	6.8	6.8	6.8	10	10
6	6	6.8	6.8	6.8	6.8	6.8	10	10
-	-	4.5	4.5	4.5	4.5	4.5	6.7	6.7
-	-	4.5	4.5	4.5	4.5	4.5	6.7	6.7
15	15	50	50	50	50	50	50	50
15	15	50	50	50	50	50	50	50
-	-	50	50	50	50	50	50	30
-	-	32	32	32	32	32	20	18
-	-	20	30	40	50	60	77	97
-	-	40	63	80	100	100	160	160
-	-	40	63	-	-	-	100	100
-	-	-	-	80	100	125	160	160
2.5	2.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4
50	50	45	45	45	45	45	45	45
1000	1000	1500	1500	1500	1500	1500	1000	1000
10000	10000	20000	20000	20000	20000	20000	10000	10000
-	-	-	60	-	-	80	100	125
-	-	-	21	-	-	27	34	40
-	-	-	15	-	-	20	25	30
-	-	-	40	-	-	40	40	40
-	-	-	50	-	-	50	50	50
0.27	0.27	0.48	0.48	0.48	0.48	0.48	0.62	0.62
0.29	0.29	0.54	0.54	0.54	0.54	0.54	0.73	0.73
0.33	0.33	0.59	0.59	0.59	0.59	0.59	0.77	0.77

Dilos

A

B

C

D

E

X



Dilos - Loadbreak disconnectors for wall mounting

			Dilos 1H	Dilos 1H	Dilos 1H	Dilos 3	Dilos 3	Dilos 3	
Conventional enclosed thermal current $I_{the} = I_{th}$			(A)	40	63	125	160	200	250
Number of poles				3/4	3/4	3/4	3/4	3/4	3/4
Frequency			(Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Rated thermal current at	40°C	(A)	40	63	125	160	200	250	
	50°C	(A)	40	63	125	160	200	250	
	60°C	(A)	40	63	125	160	200	250	
Power loss per pole			(W)	0.9	2.2	8.5	3	4.8	7.5
Terminal capacity (Cu)	minimum	(mm ²)	6	6	6	Cu-rail	Cu-rail	Cu-rail	
	maximum	(mm ²)	50	50	50	30x6	30x6	30x6	
Maximum torque on terminals			(Nm)	12	12	12	12	12	12
Rated operational voltage Ue			(V)	690	690	690	690	690	690
Rated insulation voltage Ui			(V)	1000	1000	1000	1000	1000	1000
Rated impulse withstand voltage (2000m) Uimp			(kV)	8	8	8	8	8	8
Impulse test voltage at sea level			(kV)	12.3	12.3	12.3	12.3	12.3	12.3
Rated operational current Ie	Ue=400V	(A)	40	63	125	160	200	250	
	AC21A up to 250A	(A)	40	63	125	160	200	250	
	AC21B from 315A	(A)	40	63	125	160	200	250	
	Ue=690V	(A)	40	63	125	160	200	250	
Rated operational current Ie	Ue=400V	(A)	40	63	125	160	200	250	
	AC22A up to 250A	(A)	40	63	125	160	200	250	
	AC22B from 315A	(A)	40	63	125	160	200	250	
	Ue=690V	(A)	40	63	125	160	200	250	
Rated operational current Ie	Ue=400V	(A)	40	63	125	160	200	250	
	AC23A up to 250A	(A)	40	63	125	160	200	250	
	AC23B from 315A	(A)	40	63	125	160	200	250	
	Ue=690V	(A)	40	50	50	160	200	250	
Maximum rated operational power at rated duty AC23	Ue=400V	(kW)	21	30	69	88	88	135	
	Ue=415V	(kW)	22	33	72	92	92	140	
	Ue=500V	(kW)	27	44	86	110	175	175	
	Ue=690V	(kW)	36	45	45	140	190	190	
Rated making and breaking capacity at 500Vac 23A	making 10 x Ie	(A)	400	630	1250	1600	2000	2500	
	breaking 8 x Ie	(A)	320	504	1000	1280	1600	2000	
Rated short time withstand Icw	1 s.	(kA rms)	3	3	3	9	9	9	
	0.25 s.	(kA rms)	6	6	6	15	15	15	
Rated short-circuit making capacity Icm	Ue=400V	(kA peak)	10	10	10	30	30	30	
	Ue=415V	(kA peak)	10	10	10	30	30	30	
	Ue=500V	(kA peak)	7	7	7	30	30	30	
	Ue=690V	(kA peak)	7	7	7	30	30	30	
Rated conditional short-circuit current with back-up protection featuring the same current rating as the switch (kA ms)	400V	(kA)	50	50	50	100	100	100	
	415V	(kA)	50	50	50	100	100	100	
	500V	(kA)	50	50	50	100	100	100	
	690V	(kA)	33	33	33	100	100	100	
Rated capacity power at 400V			(kVAR)	19	30	60	77	97	120
Rated operational current DC23A	2P in series 110V	(A)	40	63	100	160	200	250	
	2P in series 220V	(A)	40	63	-	100	160	160	
	4P in series 220V	(A)	-	-	100	160	200	250	
Operating torque			(Nm)	8	8	8	12	12	12
Force			(N)	80	80	80	120	120	120
Durability (number of operational cycles)	electrical		5000	2000	1000	3000	1000	1000	
	mechanical (min)		15000	15000	10000	10000	10000	10000	
UL listed following UL file E143291 (acc. UL508)									
UL 508 General Use 480V		In	A	30	60	100	-	-	-
UL 508 Manual motor controller 480V		FLA	A	-	-	-	-	-	-
		Power	(HP)	-	-	-	-	-	-
UL short-circuit at 480V	K5fu	(kA)	10	10	10	-	-	-	
	UL J-fuses	(kA)	50	50	50	-	-	-	
Weight	2P	(kg)	-	-	-	-	-	-	
	3P	(kg)	1.18	1.18	1.18	2.75	2.75	2.75	
	4P	(kg)	1.25	1.25	1.25	2.90	2.90	2.90	



Dilos 3	Dilos 4	Dilos 4	Dilos 4	Dilos 6S 35/50kA	Dilos 6S 35/50kA	Dilos 6S 35/50kA	Dilos 7S	Dilos 8S	Dilos 8S	Dilos 9S	Dilos 9
315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000
315	400	500	630	720	900	1125	1440	1800	2250	2835	3600
315	400	500	630	640	800	1000	1280	1600	2000	2520	3200
12	10.5	16	26	29	45	70	95	103	133	420	500
Cu-rail	Cu-rail	Cu-rail	Cu-rail	Cu-rail	Cu-rail	Cu-rail	Cu-rail	Cu-rail	Cu-rail	Cu-rail	Cu-rail
30x6	40x6	40x6	40x6	2x50x5	2x50x6	2x50x8	2x60x10	2x80x10	2x80x10	4x100x10	4x100x10
12	60	60	60	35	35	35	35	35	35	35	35
690	690	690	690	1000	1000	1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1500	1500	1500	1500	1500	1500	1500	1500
8	8	8	8	12	12	12	8	8	8	8	8
12.3	12.3	12.3	12.3	18.5	18.5	18.5	12.3	12.3	12.3	12.3	12.3
315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000
315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000
315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000
315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000
315	400	500	630	800	1000	1250	1600	2000	2500	-	-
315	400	500	630	800	1000	1250	1600	2000	2500	-	-
315	400	500	630	800	1000	1250	1250	1250	1250	-	-
315	400	500	630	800	1000	1250	1000	1000	800	-	-
315	400	500	630	800	1000	1250	1250	1250	-	-	-
315	400	500	630	800	1000	1250	1250	1250	-	-	-
315	400	500	630	800	1000	1250	800	800	-	-	-
200	400	400	450	500	630	630	630	630	-	-	-
165	218	270	335	-	-	-	-	-	-	-	-
175	230	285	375	-	-	-	-	-	-	-	-
220	295	370	405	-	-	-	-	-	-	-	-
190	390	440	440	-	-	-	-	-	-	-	-
3150	4000	5000	6300	8000	10000	12500	16000	20000	-	-	-
2520	3200	4000	5040	6400	8000	10000	12800	16000	-	-	-
9	20	20	20	35 / 50	35 / 50	35 / 50	50	50	50	50	50
15	35	35	35	70 / 100	70 / 100	70 / 100	120	120	140	140	100
30	60	60	60	73.5 / 105	73.5 / 105	73.5 / 105	105	105	105	105	105
30	60	60	60	73.5 / 105	73.5 / 105	73.5 / 105	105	105	105	105	105
30	60	60	60	-	-	-	-	-	-	-	-
30	60	60	60	-	-	-	-	-	-	-	-
70	100	100	100	50	50	50	50	50	50	50	50
70	100	100	100	50	50	50	50	50	50	50	50
50	100	100	100	-	-	-	-	-	-	-	-
50	100	100	100	-	-	-	-	-	-	-	-
152	193	242	305	380	475	600	780	850	1100	1250	-
315	400	-	-	800	1000	1250	800	800	-	-	-
160	-	-	-	800	1000	1000	800	800	-	-	-
315	400	-	-	-	-	-	-	-	-	-	-
12	40	40	40	45 / 70	45 / 70	45 / 70	70	70	70	70	150
120	333	333	333	160	160	160	174	174	174	174	330
800	1000	700	500	1000	1000	1000	1000	500	500	500	500
10000	5000	5000	5000	4000	4000	4000	4000	2500	2500	2500	2500
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
2.75	9.00	9.00	9.00	11	11	11	17	19	27	40	84
2.90	9.60	9.60	9.60	12	12	12	19	20	30	44	108

Dilos

A

B

C

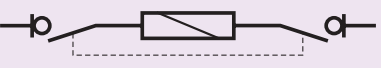
D

E

X



Fulos - Fused loadbreak disconnectors for wall mounting

			Fulos 000 NF 22 x 58	Fulos 000 DIN 00	Fulos 000 DIN 00	Fulos 000 DIN 00	Fulos 00 DIN 00	Fulos 1 DIN 1
Conventional thermal current I _{th}	(A)		100	32	63	125	160	250
Conventional enclosed thermal current I _{the}	(A)		100	32	63	125	160	250
Number of poles			3/3+N	3/3+N	3/3+N	3/3+N	3/3+N	3/3+N
Frequency	(Hz)		50/60	50/60	50/60	50/60	50/60	50/60
Rated thermal current at	40°C	(A)	125	32	63	125	160	250
	50°C	(A)	112	32	63	112	160	250
	60°C	(A)	100	32	63	100	160	250
Power loss per pole (switch only)	(W)		8.5	0.65	2.5	6.5	5.2	6.5
Power loss per pole (fuse only)	(W)		7.5	7.5	7.5	7.5	15	32
Terminal capacity (Cu)	minimum	(mm ²)	6	6	6	6	Cu-rail	Cu-rail
	maximum	(mm ²)	50	50	50	50	30x6	2x40x6
Maximum torque on terminals	(Nm)		12	12	12	12	12	60
Rated operational voltage U _e	(V)		690	690	690	690	690	690
Rated insulation voltage U _{imp}	(V)		1000	1000	1000	1000	1000	1000
Rated impulse withstand voltage (2000m) U _{imp}	(kV)		8	8	8	8	8	8
Impulse test voltage at sea level	(kV)		12.3	12.3	12.3	12.3	12.3	12.3
Rated operational current I _e ⁽¹⁾ AC21A up to 250A AC21B from 315A	U _e =400V	(A)	125	32	63	125	160	250
	U _e =415V	(A)	125	32	63	125	160	250
	U _e =500V	(A)	125	32	63	125	160	250
	U _e =690V	(A)	125	32	63	125	160	250
Rated operational current I _e ⁽¹⁾ AC22A up to 250A AC22B from 315A	U _e =400V	(A)	125	32	63	125	160	250
	U _e =415V	(A)	125	32	63	125	160	250
	U _e =500V	(A)	125	32	63	125	160	250
	U _e =690V	(A)	125	32	63	125	160	250
Rated operational current I _e ⁽¹⁾ AC23A up to 250A AC23B from 315A	U _e =400V	(A)	125	32	63	125	160	250
	U _e =415V	(A)	125	32	63	125	160	250
	U _e =500V	(A)	100	32	63	125	160	250
	U _e =690V	(A)	80	32	50	50	125	250
Maximum rated operational power at rated duty AC23	U _e =400V	(kW)	69	16	30	69	88	135
	U _e =415V	(kW)	72	18	33	72	92	140
	U _e =500V	(kW)	86	23	44	86	110	175
	U _e =690V	(kW)	45	29	45	45	115	238
Rated making and breaking capacity at 500V AC23A	making	(A)	1000	1000	1000	1000	1600	2500
	breaking	(A)	800	800	800	800	1280	2000
Rated conditional short-circuit current with back-up protection featuring the same current rating as the switch (kA rms)	400V	(kA)	100	50	50	100	100	100
	415V	(kA)	100	50	50	100	100	100
	500V	(kA)	100	50	50	100	100	100
	690V	(kA)	33	33	33	33	100	100
Rated capacity power at 400V	(kVAR)		60	16	30	60	77	120
Rated operational current DC23A	2P in series 110V	(A)	100	32	63	100	160	250
	2P in series 220V	(A)	63	32	63	-	100	160
	4P in series 220V	(A)	100	-	-	100	160	250
Operating torque	(Nm)		8	8	8	8	12	40
Force	(N)		80	80	80	80	120	333
Durability (number of operational cycles)	electrical		3000	5000	3000	1500	1000	1000
	mechanical (min)		10000	10000	10000	10000	10000	5000
Weight	3P	(kg)	1.20	1.27	1.27	1.27	3.05	10.60
	4P	(kg)	1.27	1.35	1.35	1.35	3.21	11.20

(1) NF 125A AC21..23B
DIN 125A AC21..23B

Fulos 2 DIN 2	Fulos 3S DIN 3	Fulos 4 DIN 4	Fulos 000 BS A2	Fulos 000 BS A3	Fulos 000 BS A3	Fulos 00 BS A4	Fulos 00 BS A4	Fulos 1 BS B1-B2	Fulos 1 BS B4	Fulos 2 BS B3-B4	Fulos 3S BS C1-C2	Fulos 3S BS C3	Fulos 4 BS D1
400	630	1000	32	63	100	100	200	200	400	400	630	800	1250
400	630	1000	32	63	100	100	200	200	400	400	630	800	1250
3/3+N	3/3+N	3/3+N	3/3+N	3/3+N	3/3+N	3/3+N	3/3+N	3/3+N	3/3+N	3/3+N	3/3+N	3/3+N	3/3+N
50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
400	630	1000	32	63	100	100	200	200	400	400	630	800	1250
400	567	900	32	63	100	100	200	200	400	400	567	720	1125
400	504	800	32	63	100	100	200	200	400	400	504	640	1000
16			2.5	2.5	6.5	2	4.8	3.6	15	15	-	-	-
45	50	125	7.5	7.5	7.5	16	32	32	45	45	50	75	195
Cu-rail	Cu-rail	Cu-rail	6	6	6	Cu-rail	Cu-rail	Cu-rail	Cu-rail	Cu-rail	Cu-rail	Cu-rail	Cu-rail
2x40x6	2x40x6	2x50x10	50	50	50	30x6	30x6	2x40x6	2x40x6	2x40x6	2x40x6	2x40x6	2x60x10
60	35	35	12	12	12	12	12	60	60	60	35	35	35
690	1000	690	690	690	690	690	690	690	690	690	1000	1000	690
1000	1500	1000	1000	1000	1000	1000	1000	1000	1000	1000	1500	1500	1000
8	8	8	8	8	8	8	8	8	8	8	8	8	8
12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
400	630	1000	32	63	100	100	200	200	400	400	630	800	1250
400	630	1000	32	63	100	100	200	200	400	400	630	800	1250
400	630	1000	32	63	100	100	200	200	400	400	630	800	1250
400	630	1000	32	63	100	100	200	200	400	400	630	800	1250
400	630	1000	32	63	100	100	200	200	400	400	630	800	1250
400	630	1000	32	63	100	100	200	200	400	400	630	800	1250
400	630	1000	32	63	100	100	200	200	400	400	630	800	1250
400	630	1000	32	63	100	100	200	200	400	400	630	800	1250
400	630	1000	32	63	100	100	200	200	400	400	630	800	1250
300	630	1000	32	50	80	100	200	200	300	300	630	800	1250
218	-	-	16	30	50	50	88	100	218	218	330	330	-
230	-	-	18	33	55	55	92	110	230	230	-	-	-
295	-	-	23	44	72	72	175	140	295	295	-	-	-
290	-	-	29	45	45	90	190	190	290	290	-	-	-
4000	6300	10000	1000	1000	1000	1600	2400	3200	4000	4000	6300	8000	12500
3200	5040	8000	800	800	800	1000	2000	2800	3200	3200	5040	6400	10000
100	50	100	50	50	65	100	100	100	100	100	50	50	100
100	50	100	50	50	65	100	100	100	100	100	50	50	100
100	-	-	50	50	-	100	100	100	100	100	-	-	-
100	-	-	50	33	-	100	80	100	100	100	-	-	-
193	300	475	16	30	48	48	97	97	193	193	300	380	600
400	500	1000	32	63	100	100	200	200	400	400	500	500	1000
-		1000	32	63	-	63	160	160	-	-	-	-	1000
400	-	-	-	-	100	100	200	200	400	400	-	-	-
40	45	80	8	8	8	12	12	40	40	40	45	45	80
333	160	174	80	80	80	120	120	333	333	333	160	160	174
700	1000	1000	3000	3000	3000	1500	1000	1000	700	700	1000	1000	1000
5000	4000	4000	15000	15000	15000	10000	10000	5000	5000	5000	4000	4000	4000
10.60	13.00	33.00	1.22	1.22	1.27	3.11	3.11	11.20	11.20	11.20	13.00	13.00	33.00
11.20	14.50	42.00	1.29	1.29	1.35	3.27	3.27	11.80	11.80	11.80	14.50	14.50	42.00

Fulos

A

B

C

D

E

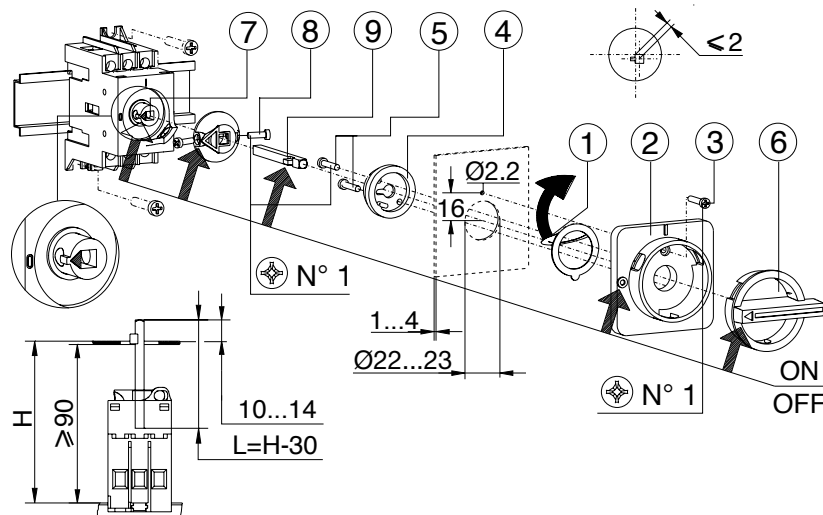
X



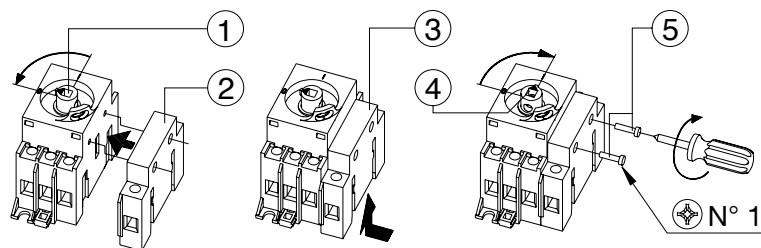
Just rel

Dilos 00 for DIN-rail mounting

Rotary handle for door mounting and padlockable - IP65

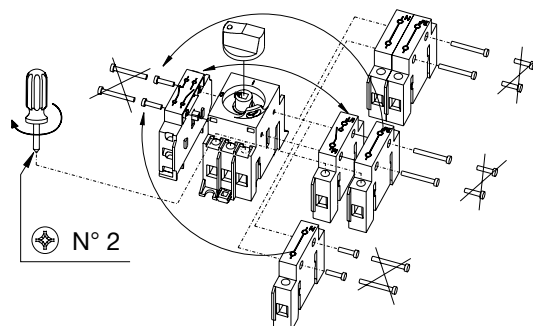


Mounting of modules on the side of the switch



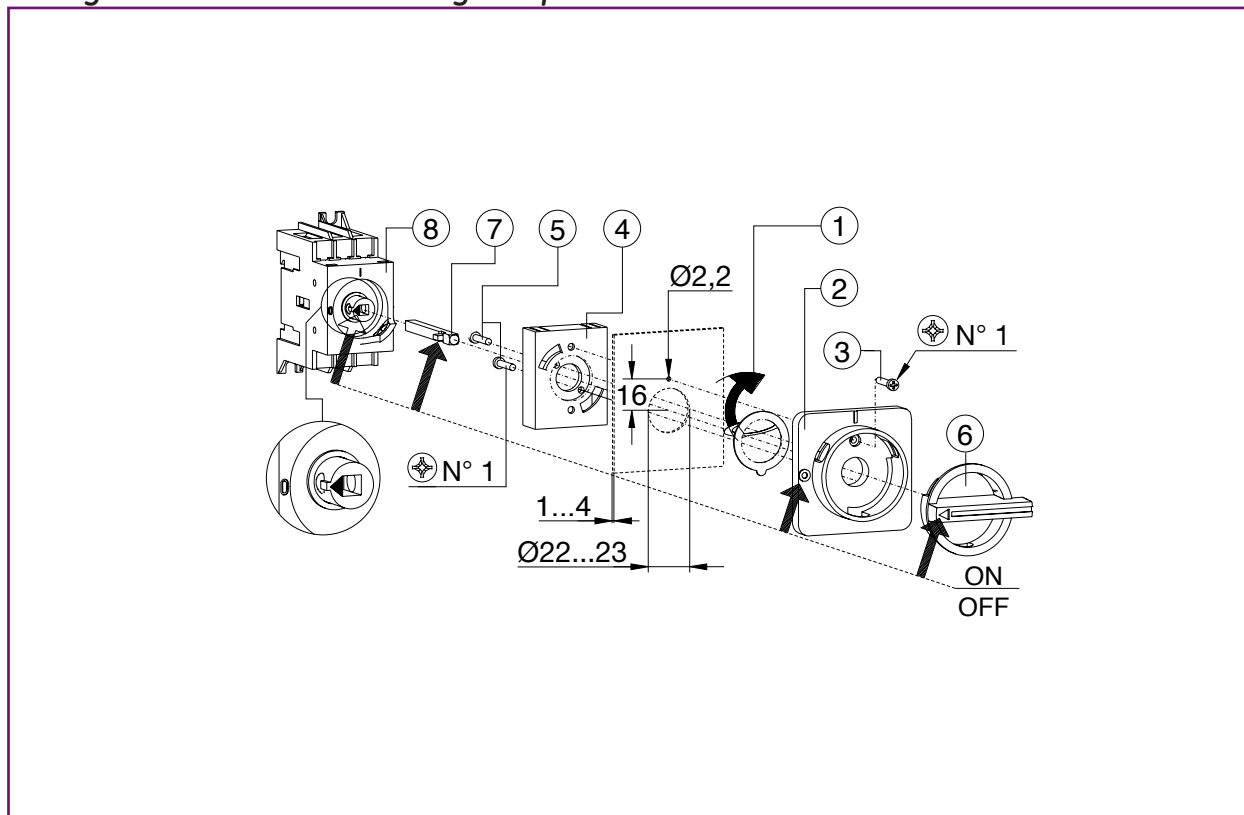
Left mounting: same steps

Mounting of additional poles and auxiliary contacts

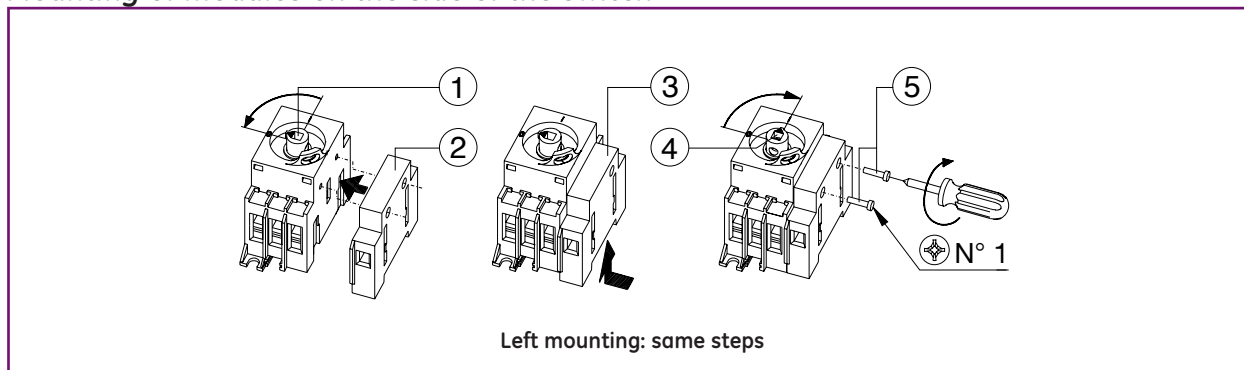


Dilos 00 for door mounting

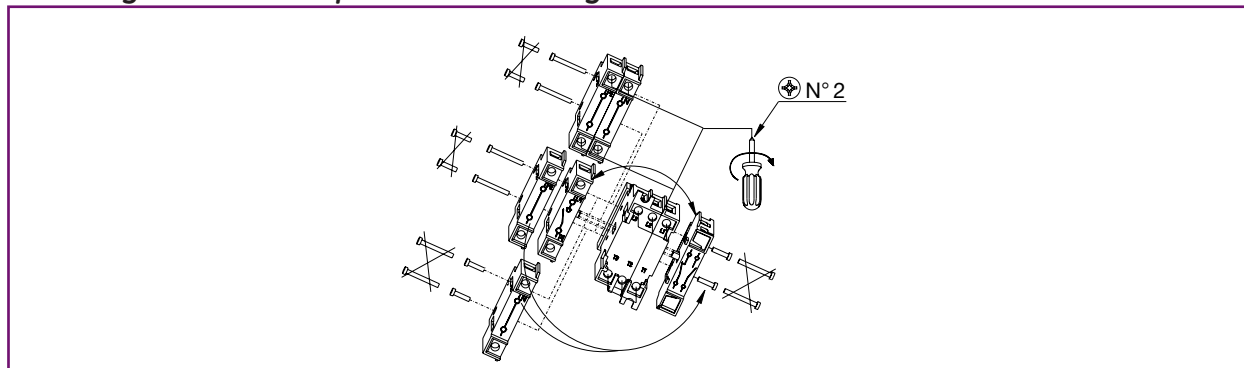
Rotary handle for door mounting and padlockable



Mounting of modules on the side of the switch

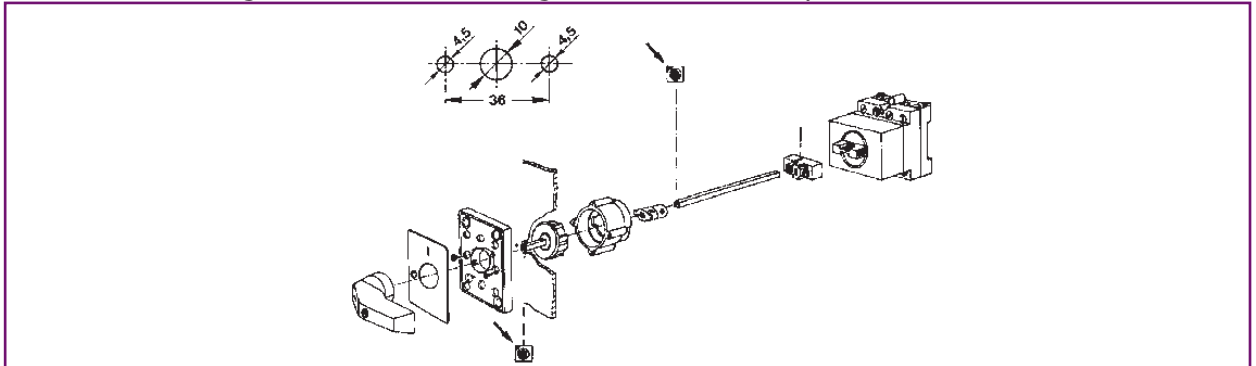


Mounting of additional poles and auxiliary contacts

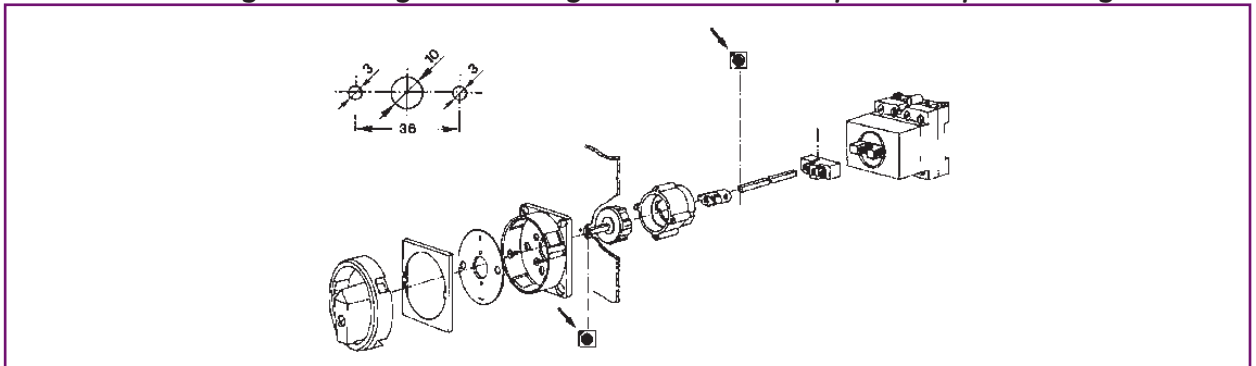


Installation facilities

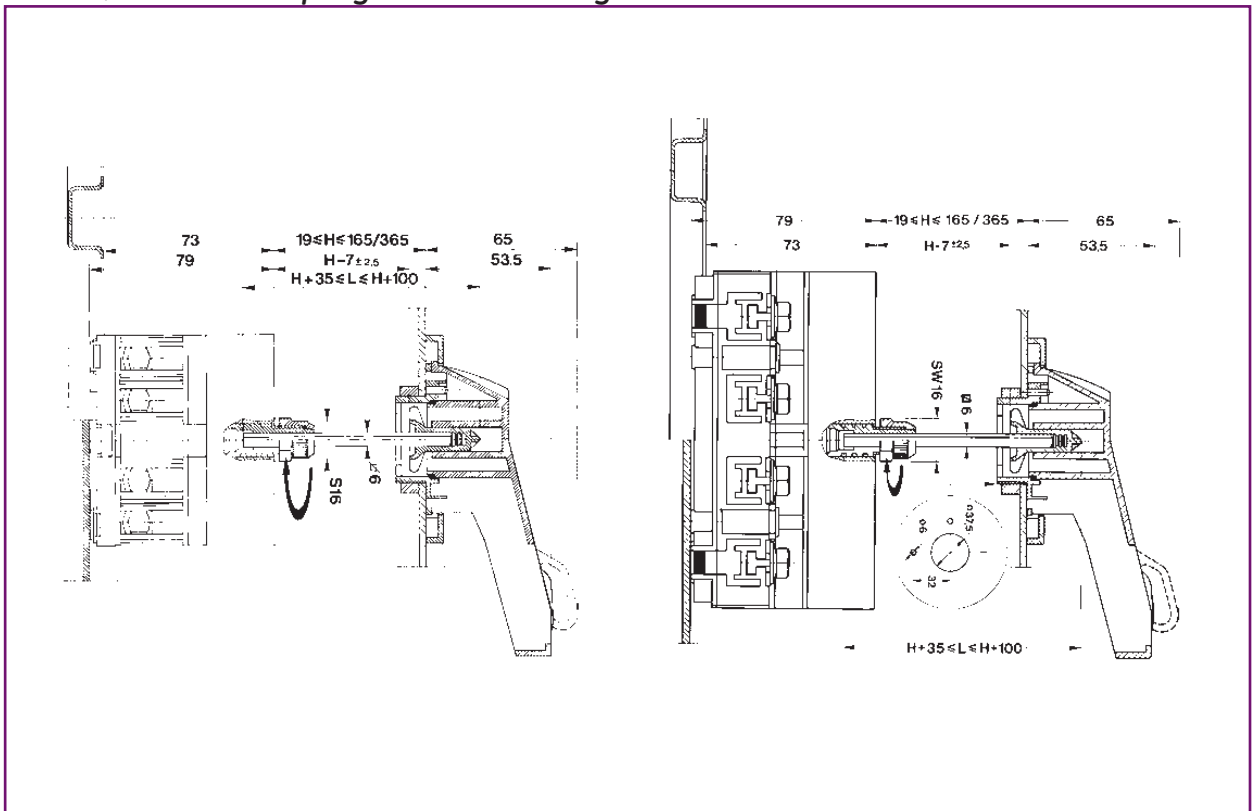
Dilos 0 - Mounting of a standard rotary handle with frontplate



Dilos 0 - Mounting of a red/yellow rotary handle with frontplate for padlocking

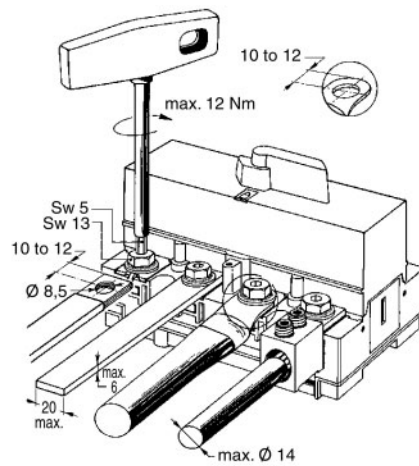


Dilos 1 / Dilos 2 - Coupling for cover or hinged door with extension shaft - IP65

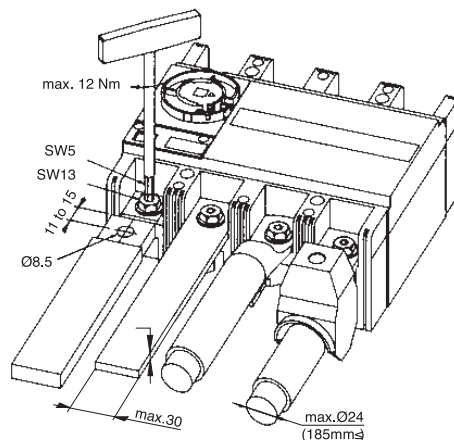


Installation facilities

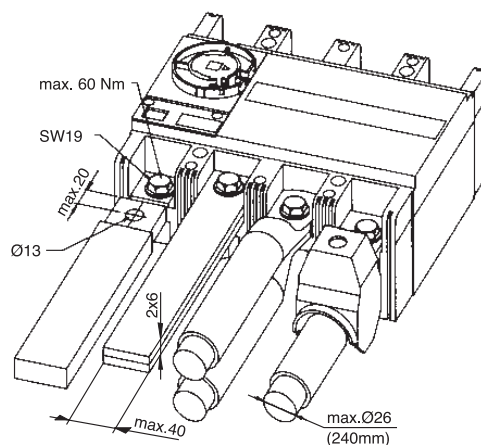
Dilos 2



Dilos 3 / Fulos 00



Dilos 4 / Fulos 1 / Fulos 2



- E.2 Dilos 00 - Dilos 0 - Dilos 1
- E.3 Elos - Dilos 2 - Dilos 1H - Fulos 000
- E.4 Dilos 3 - Dilos 4 - Fulos 00 - Fulos 1 - Fulos 2
- E.5 Dilos 6S
- E.6 Dilos 7S - Dilos 8S
- E.7 Dilos 8S - Dilos 9S
- E.8 Dilos 9 - Fulos 3S
- E.9 Fulos 3S - Fulos 4
- E.10 Dilos 6S BA - Dilos 7S BA
- E.11 Dilos 8S BA - Fulos 3S BA
- E.12 Fulos 3S BA - Dilos 6S MO
- E.13 Dilos 7S MO - Dilos 8S MO
- E.14 Dilos 8S MO - Dilos 9S MO
- E.15 Fulos 3S MO
- E.16 CO-Dilos 6S MO - CO-Dilos 7S MO
- E.17 CO-Dilos 8S MO
- E.18 CO-Dilos 6S - CO-Dilos 7S
- E.19 CO-Dilos 8S

Benefits

A

Order codes

B

Technical data

C

Installation facilities

D

Dimensions

E

- E.20 6P Dilos 6S
- E.21 Changeover system - 6/8P system - Dilos 1H / Fulos 000
- E.22 Changeover system - Dilos 3 / Fulos 00
- E.23 6/8P system - Dilos 3 / Fulos 00
- E.24 Changeover system - Dilos 4 / Fulos 1/2
- E.25 Rear terminals - Dilos 3/4 - Fulos 00/1/2
- E.25 Terminal covers - Dilos 3/4 - Fulos 00/1/2
- E.26 Direct handles for Dilos 1H/3/4 - Fulos 000/00/1/2
- E.27 Handles for cover or hinged door - Dilos 1H/3 - Fulos 000/00
- E.27 Direct handles for Dilos 4 - Fulos 1/2
- E.28 Handles for inner door - Dilos 1H/3/4 - Fulos 000/00/1/2

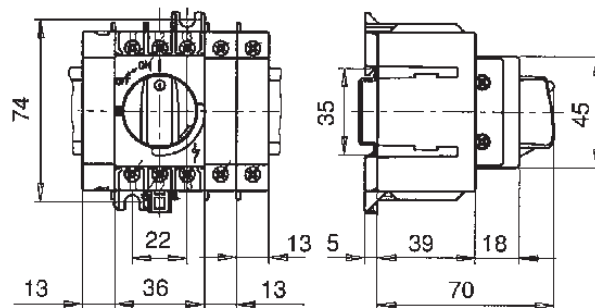
Numerical Index

X

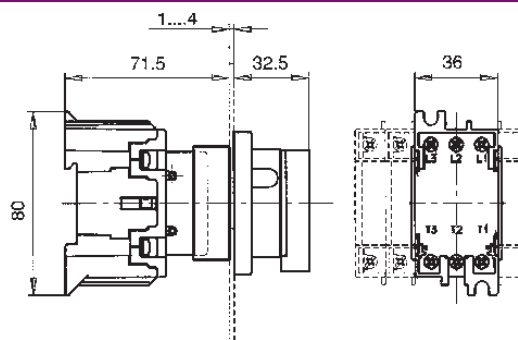


Dimensions

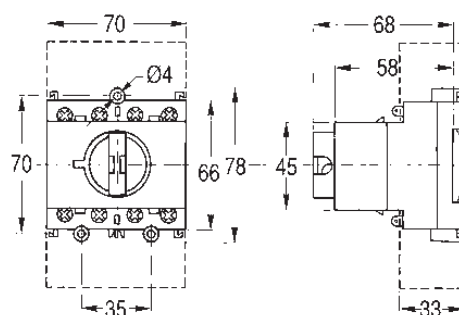
Dilos 00 - DIN-rail disconnectors



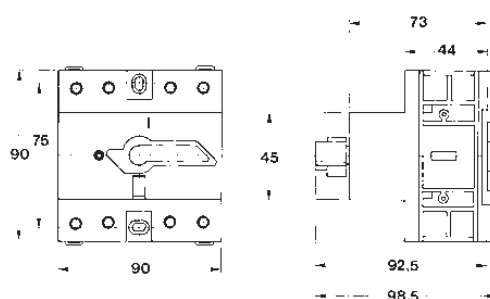
Dilos 00 - Disconnectors for door mounting



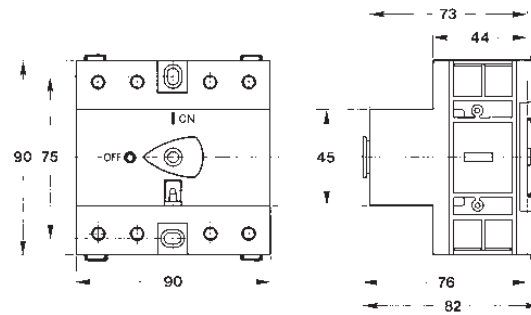
Dilos 0



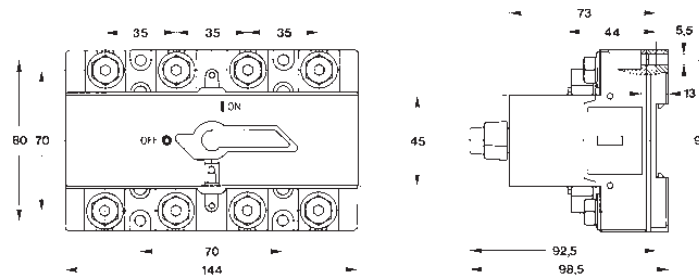
Dilos 1



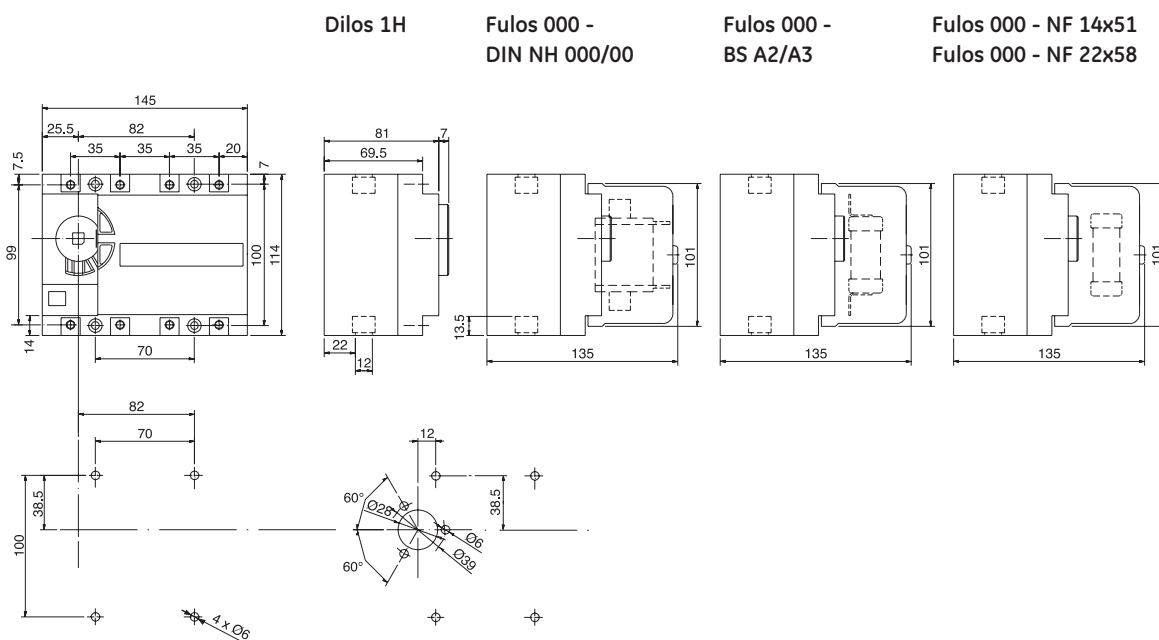
Elos



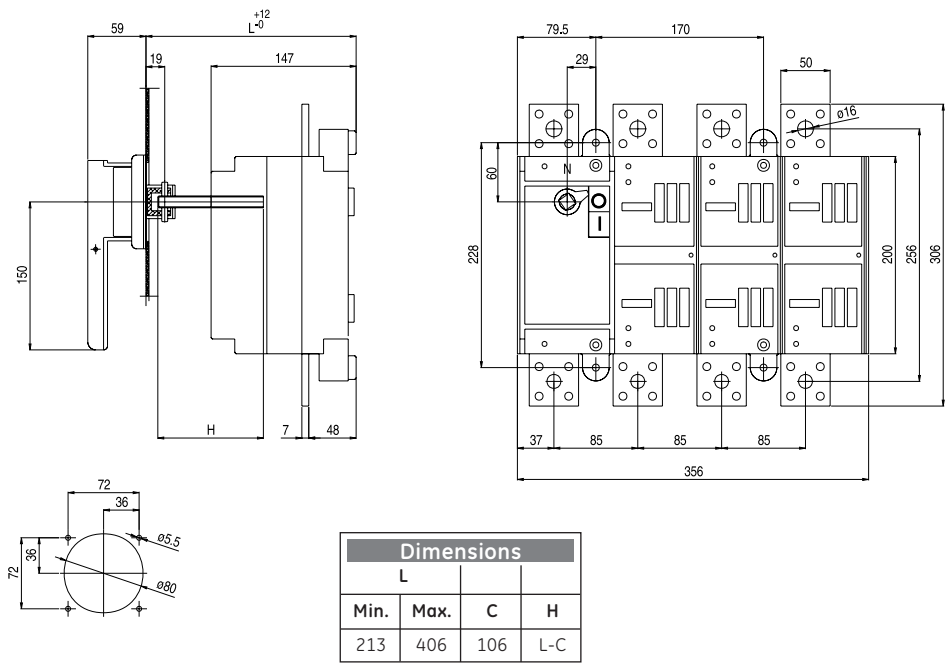
Dilos 2



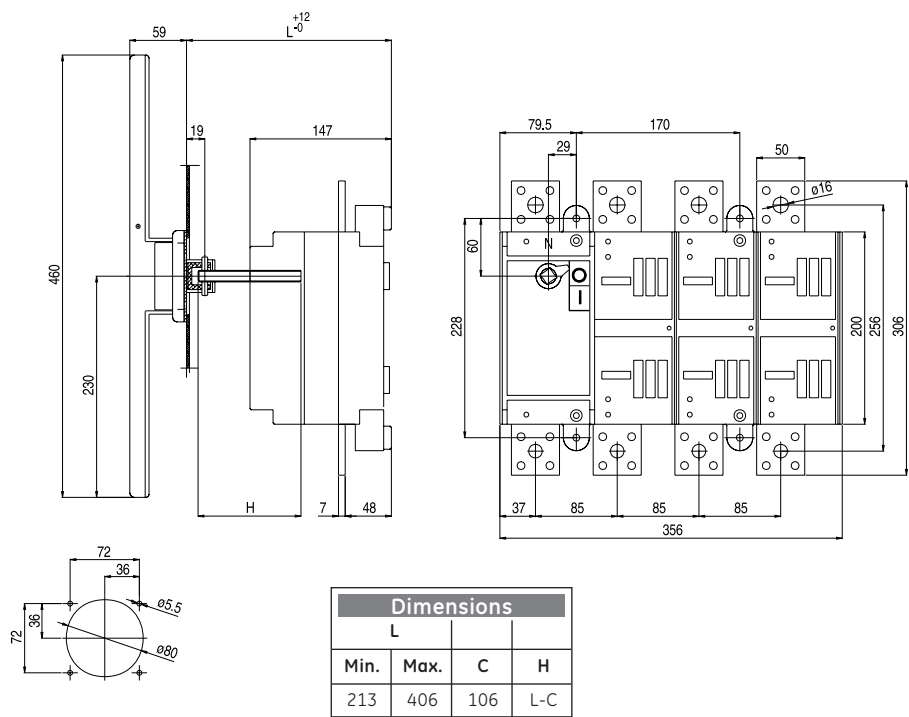
Dilos 1H / Fulos 000



Dilos 6S - 35kA

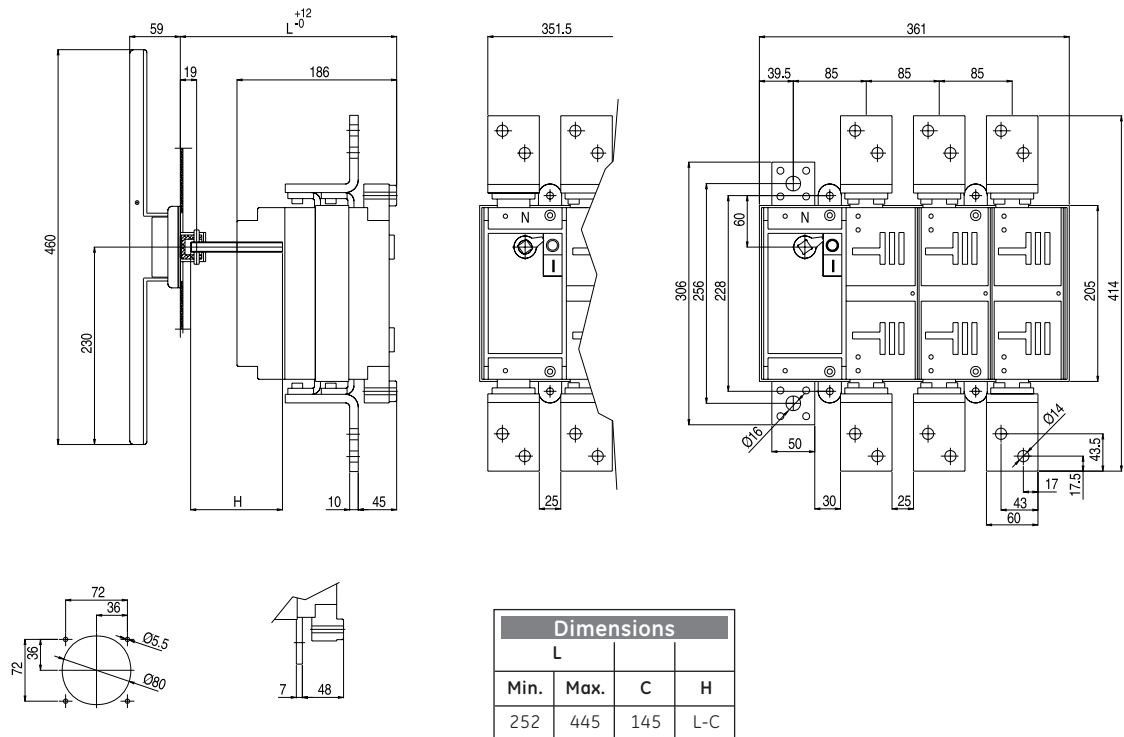


Dilos 6S - 50kA

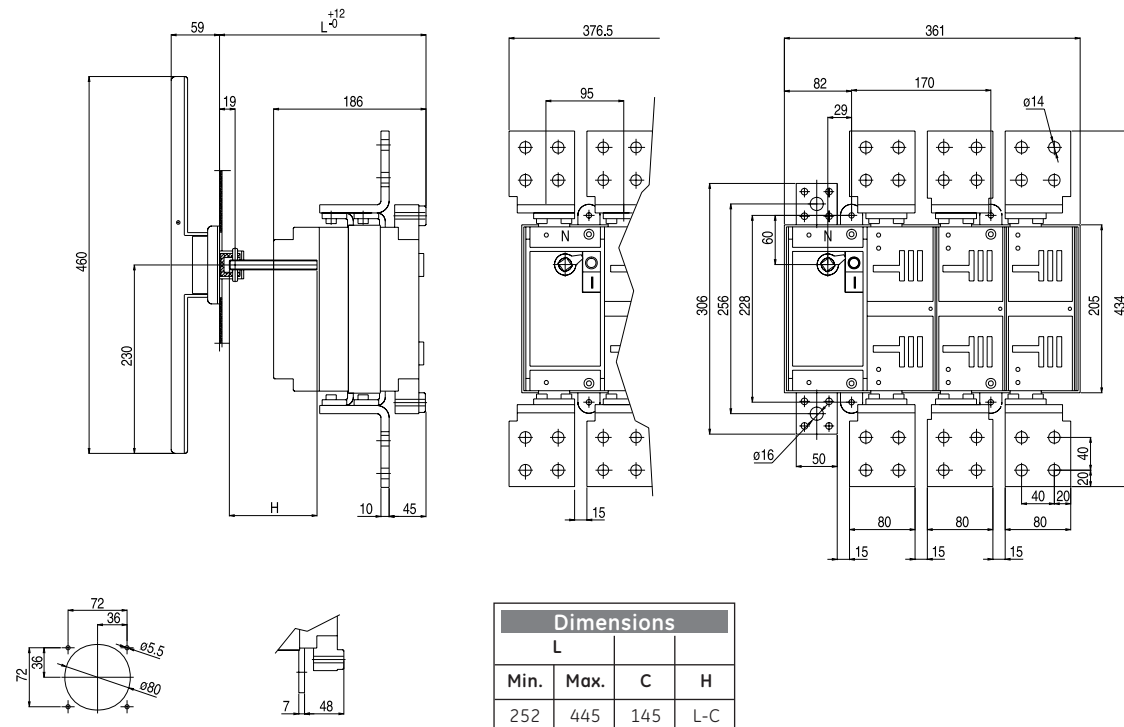


Dimensions

Dilos 7S



Dilos 8S - 2000A

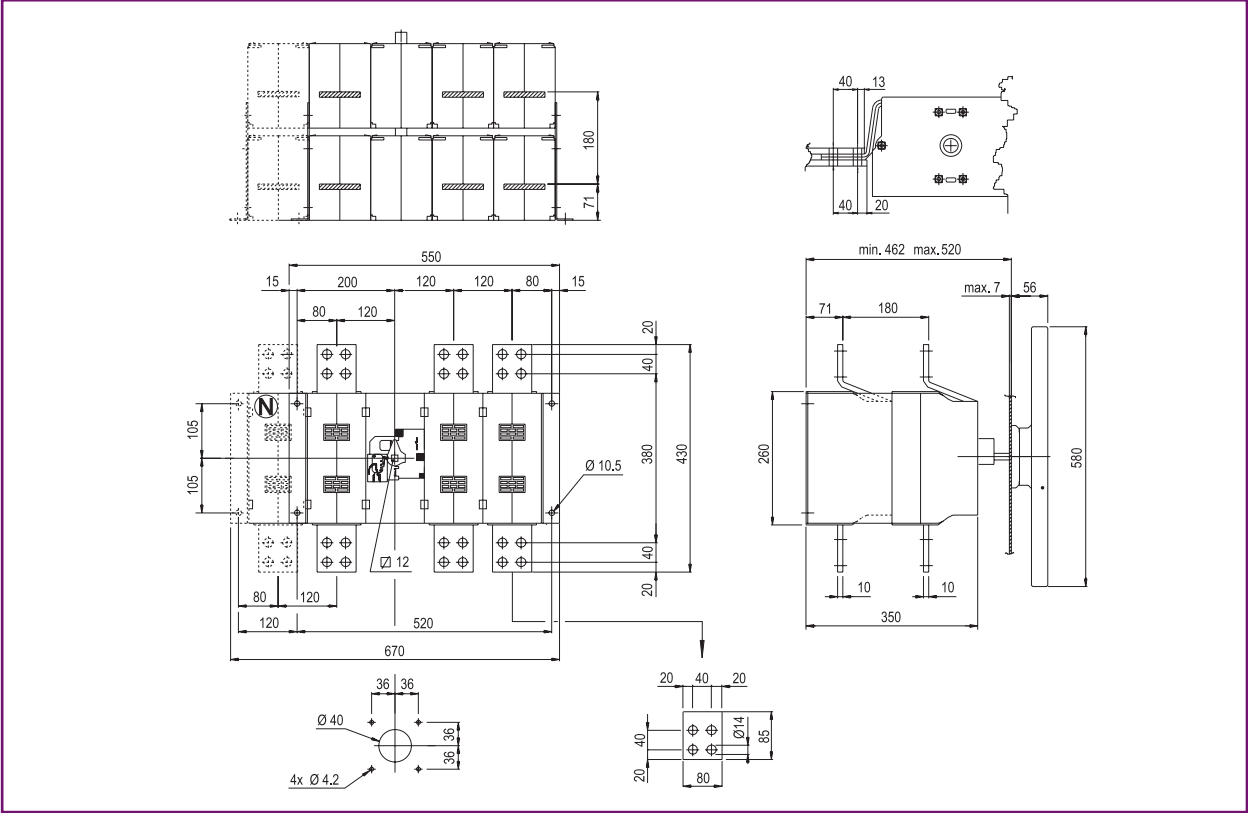


[illegible]

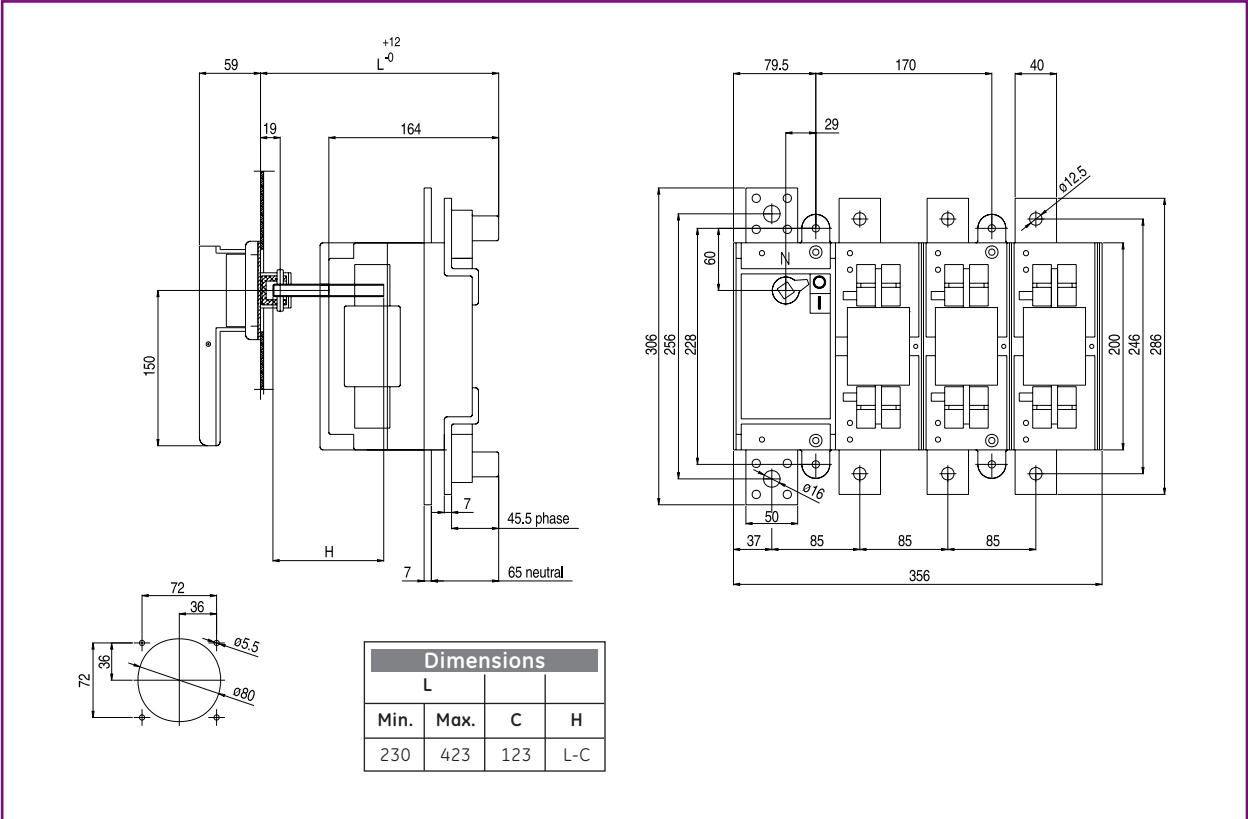
Dimensions			
L		C	H
Min.	Max.		
330	523	223	L-C

Dimensions

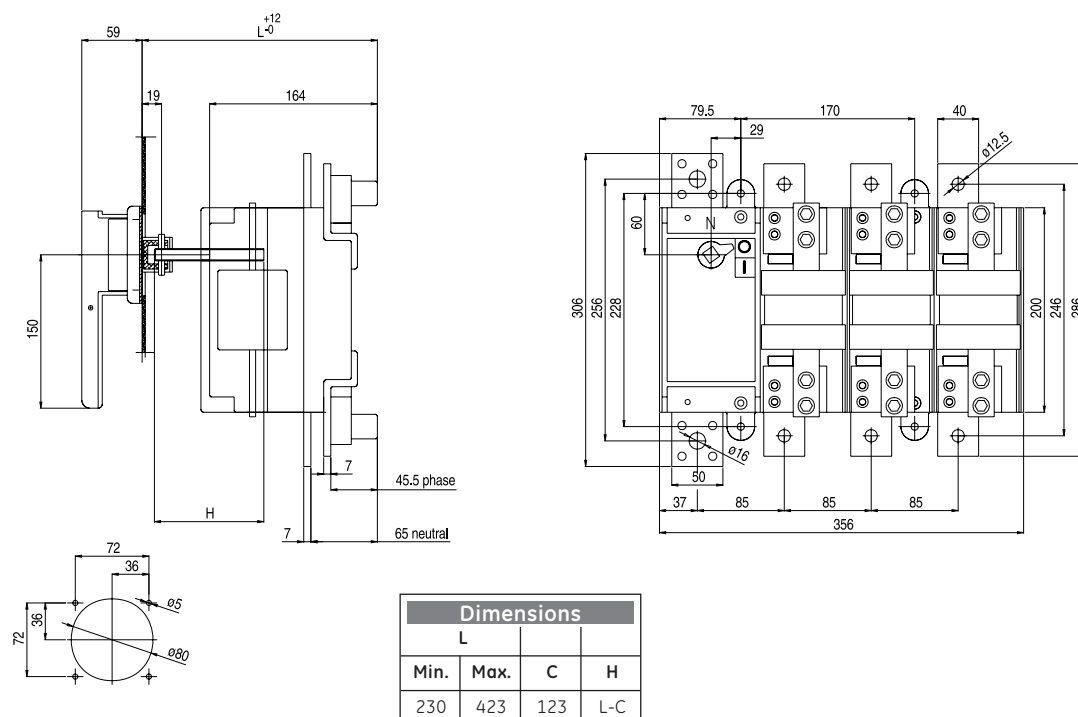
Dilos 9



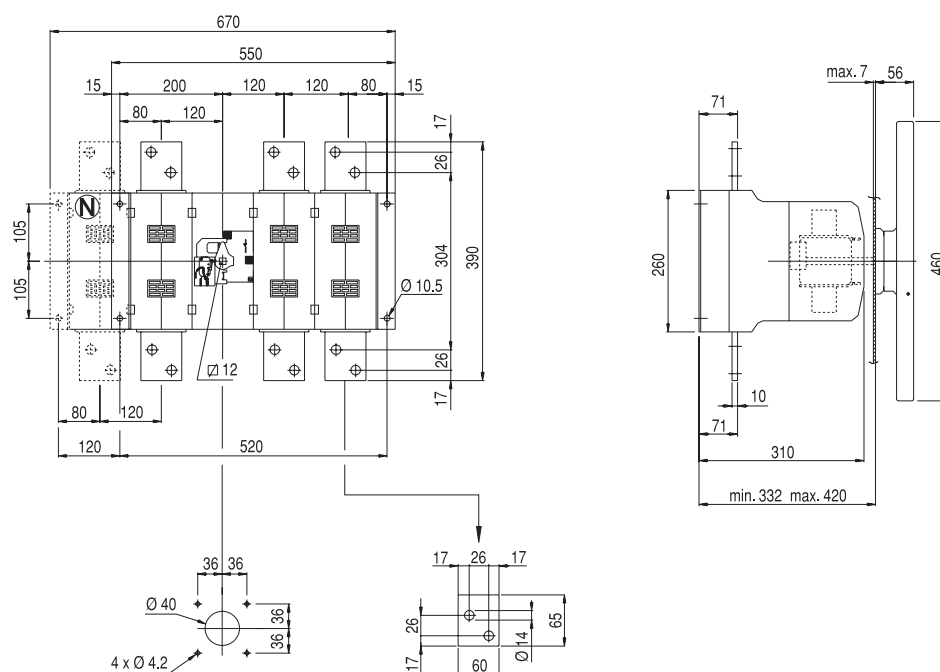
Fulos 3S - DIN NH 3



Fulos 3S - BS

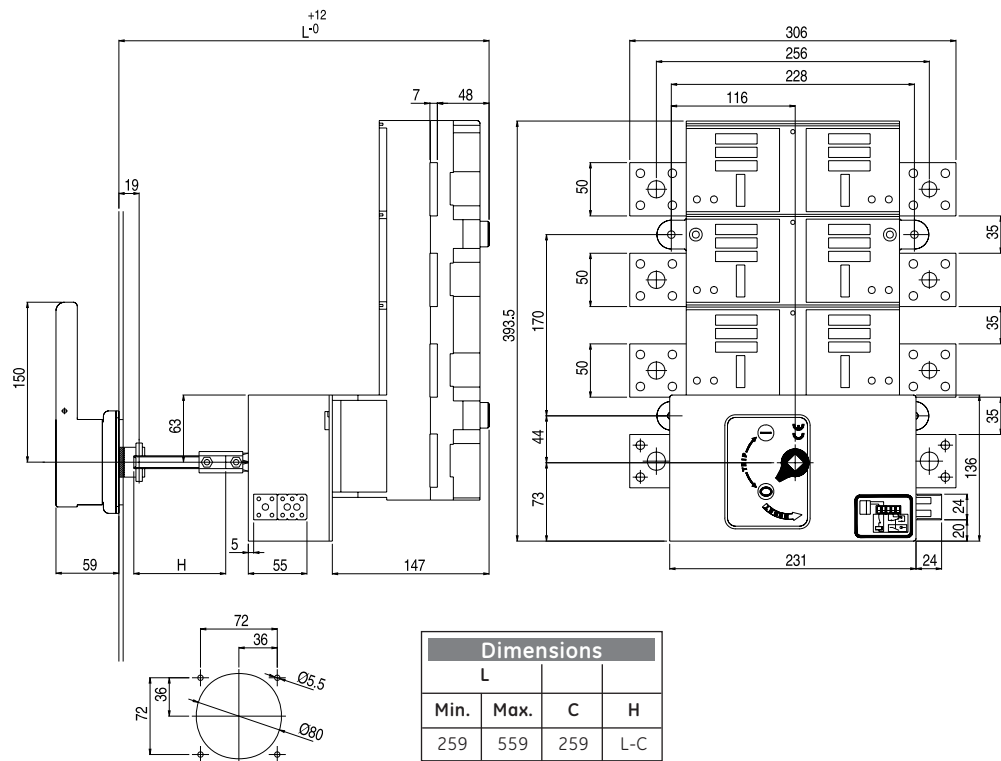


Fulos 4 - DIN NH 4 / Fulos 4 - BS D1

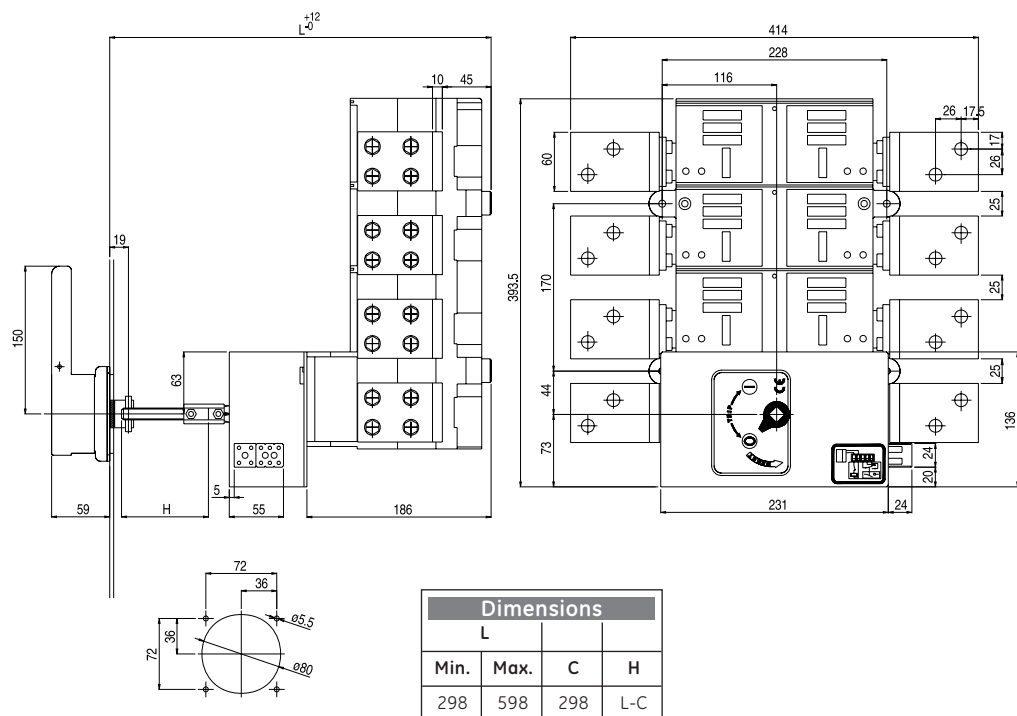


Dimensions

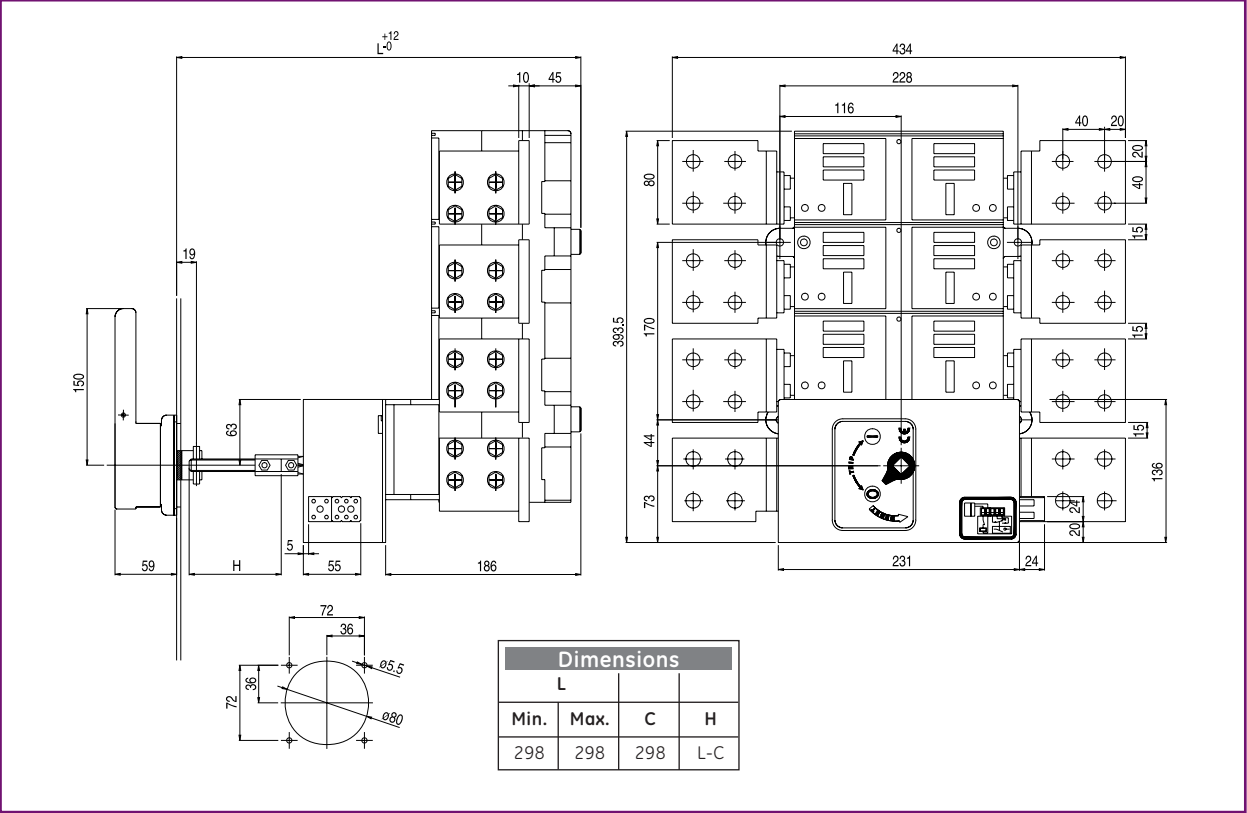
Dilos 6S BA



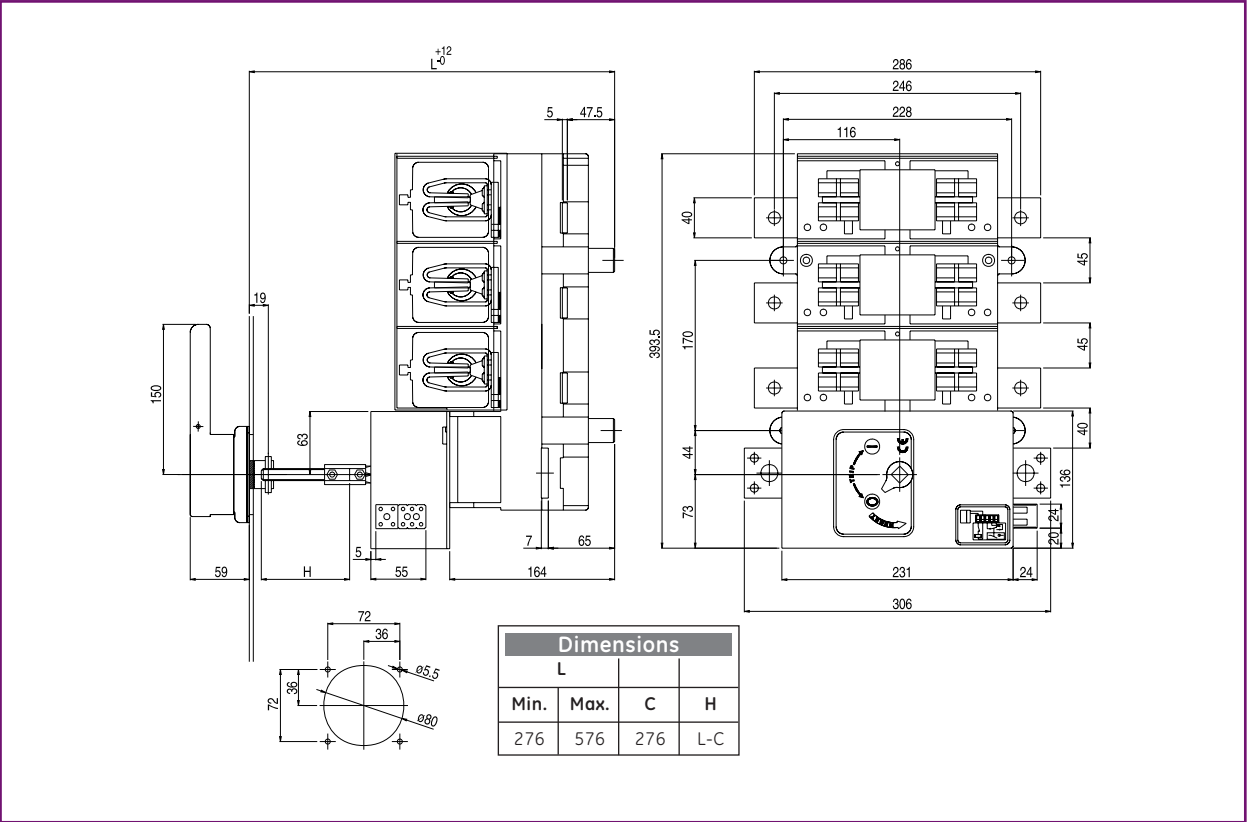
Dilos 7S BA



Dilos 8S BA



Fulos 3S BA - DIN NH3



Dilos/Fulos

A

B

C

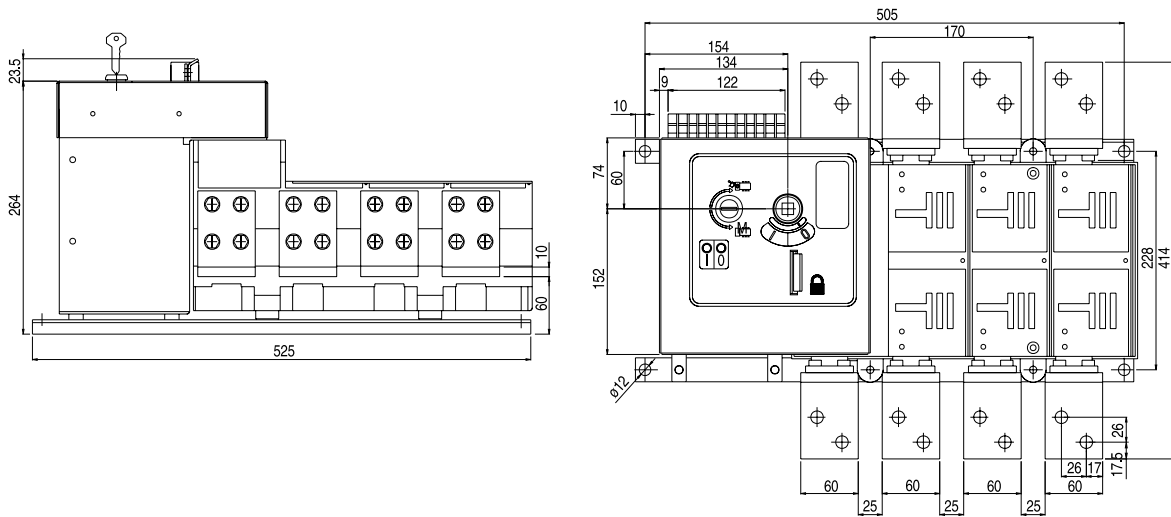
D

E

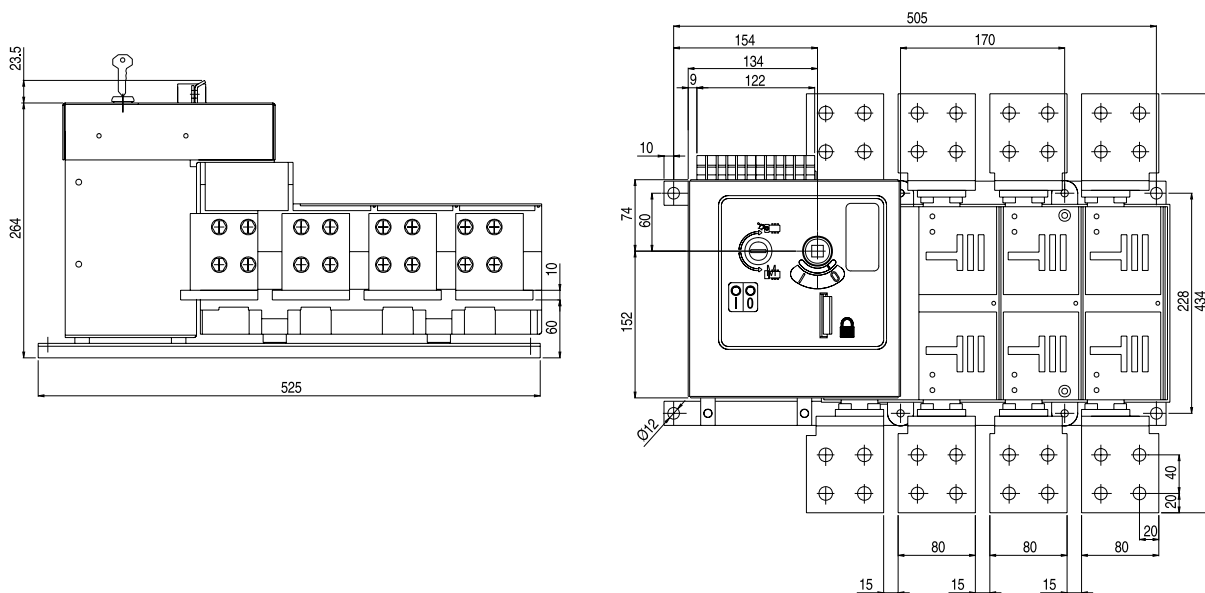
X



Dilos 7S MO



Dilos 8S MO - 2000A



Dilos

A

B

C

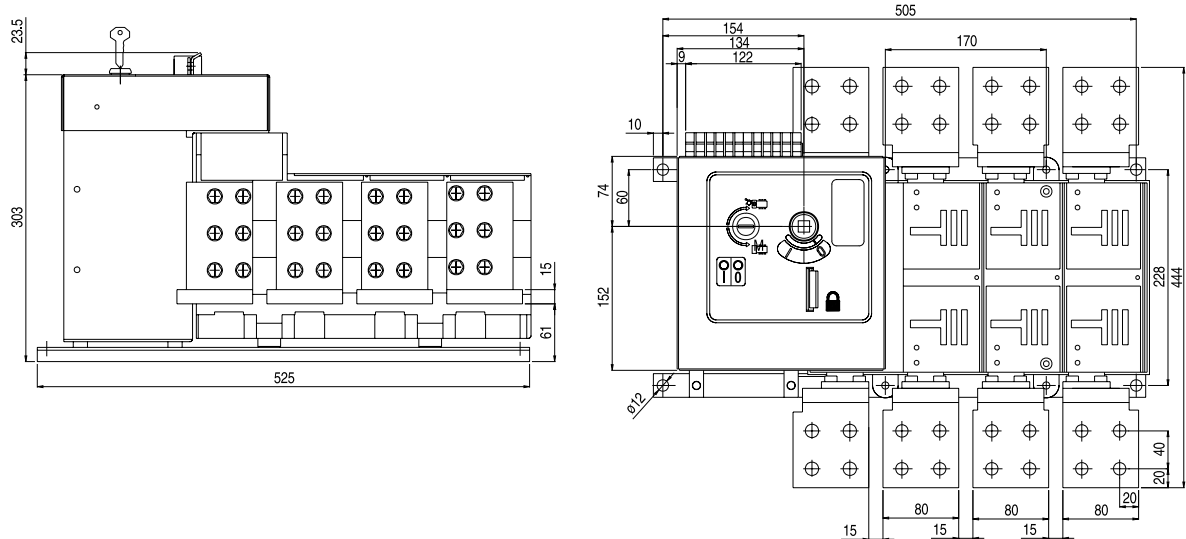
D

E

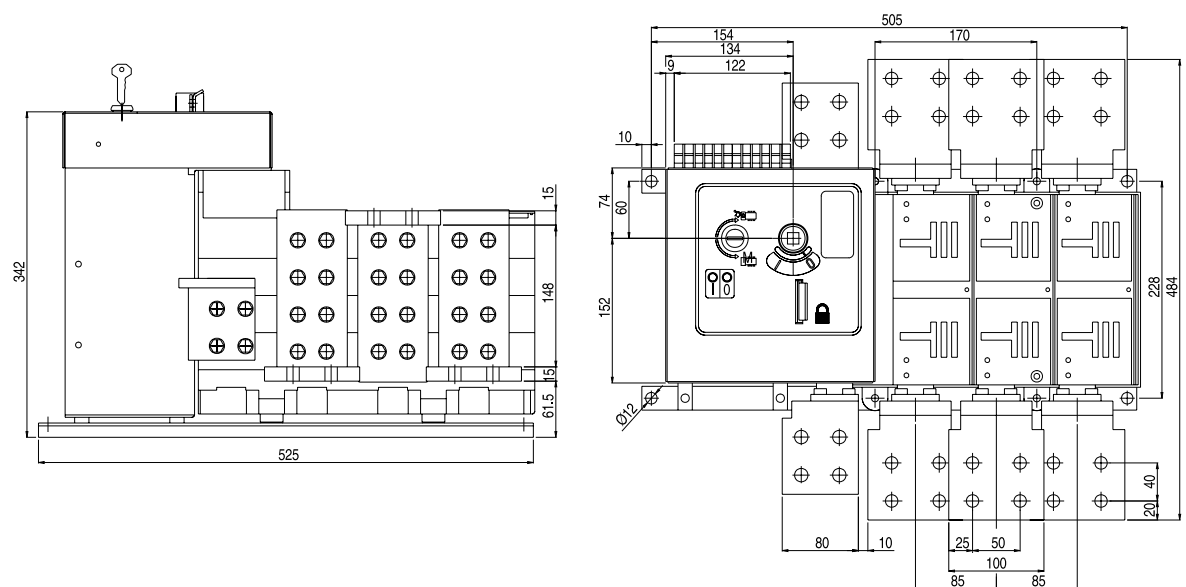
X

Dimensions

Dilos 8S MO - 2500A



Dilos 9S MO



Technical drawing of the ESD 2000 safe, showing front and top views with dimensions in millimeters.

Front View Dimensions:

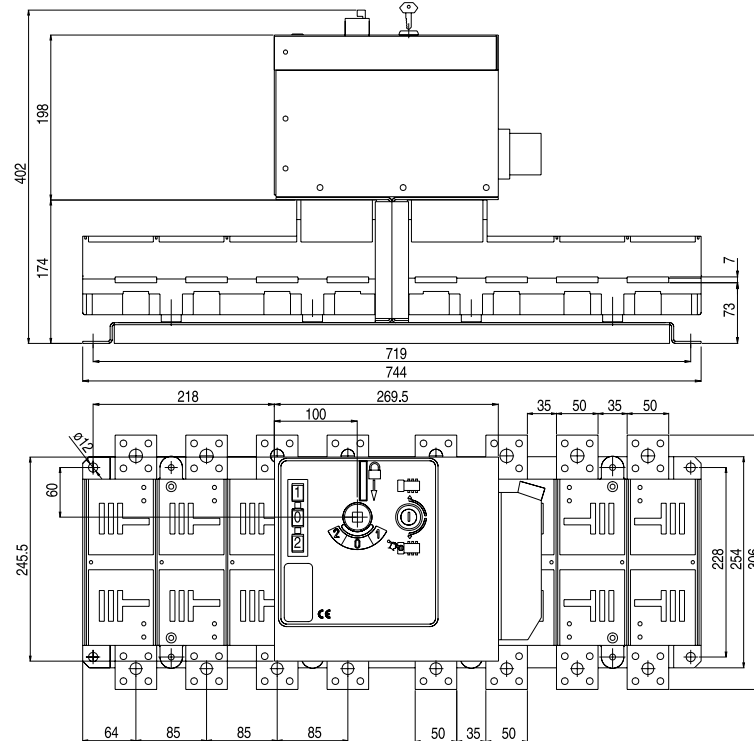
- Overall width: 246
- Overall height: 525
- Top handle assembly width: 62.5
- Top handle assembly height: 5
- Door handle height: 23.5
- Door handle offset: 7
- Door handle width: 80

Top View Dimensions:

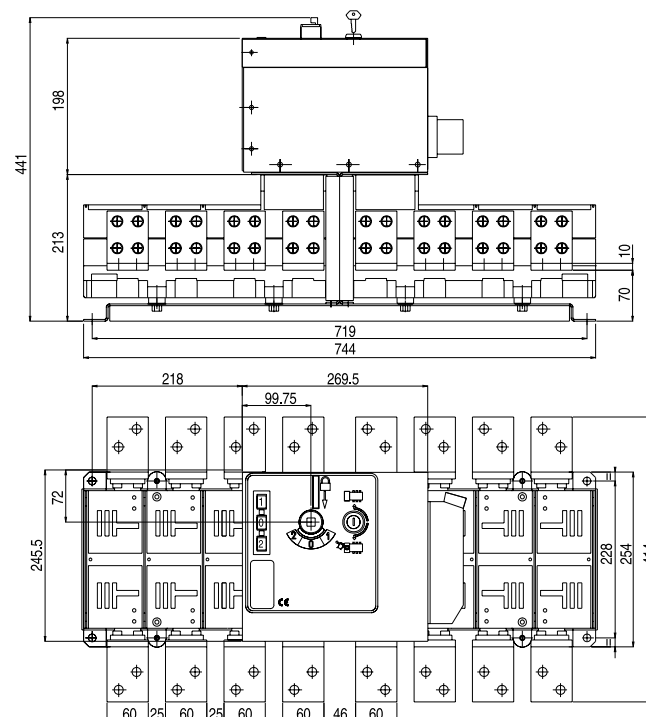
- Overall width: 306
- Overall height: 505
- Top handle assembly width: 286
- Top handle assembly height: 246
- Top handle assembly offset: 228
- Door handle height: 40
- Door handle offset: 170
- Door handle width: 50
- Door handle offset: 154
- Door handle offset: 134
- Door handle offset: 122
- Door handle offset: 9
- Door handle offset: 60
- Door handle offset: 74
- Door handle offset: 152
- Door handle offset: 270
- Door handle offset: 85
- Door handle offset: 85
- Door handle offset: 85

Dimensions

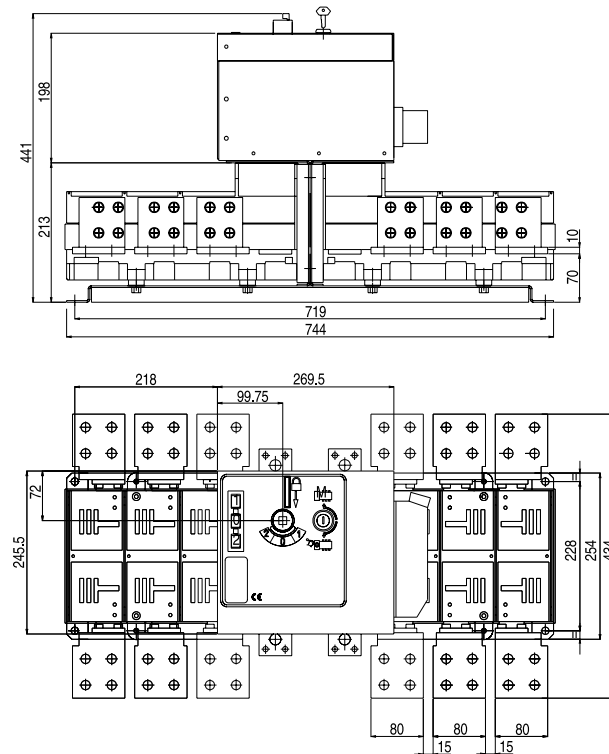
CO-Dilos 6S MO



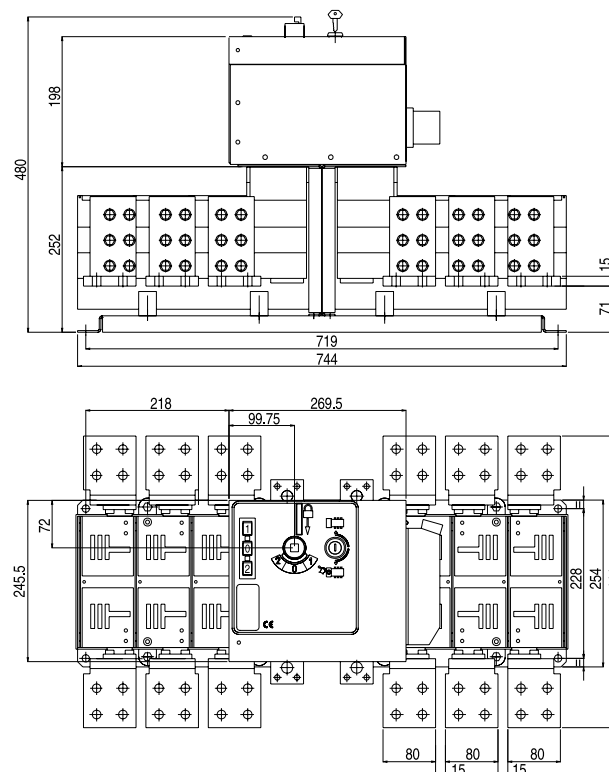
CO-Dilos 7S MO



CO-Dilos 8S MO - 2000A



CO-Dilos 8S MO - 2500A



Dilos

A

B

C

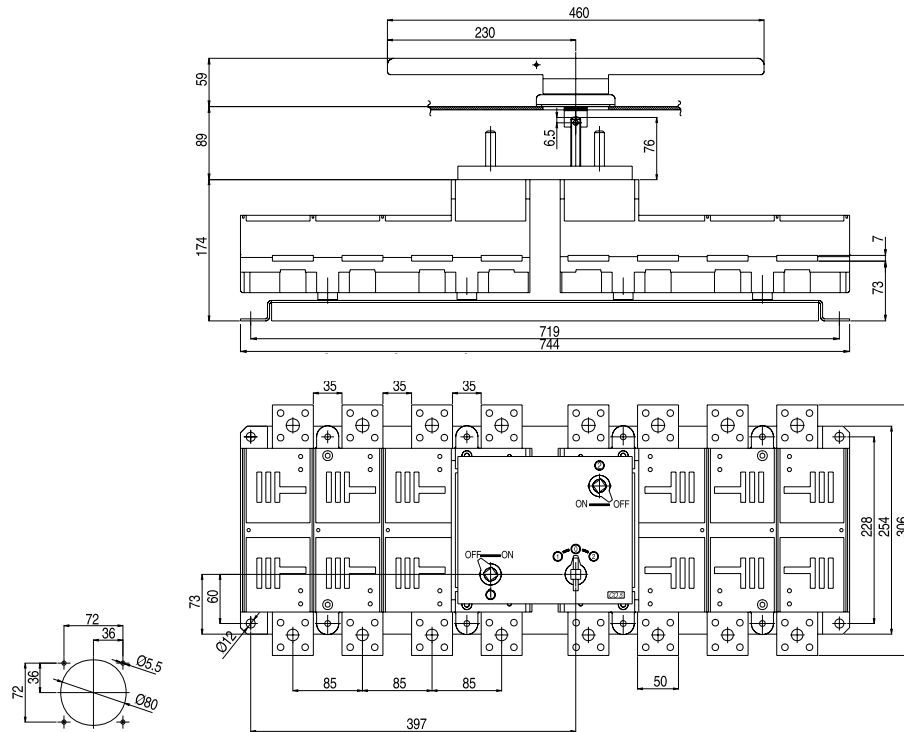
D

E

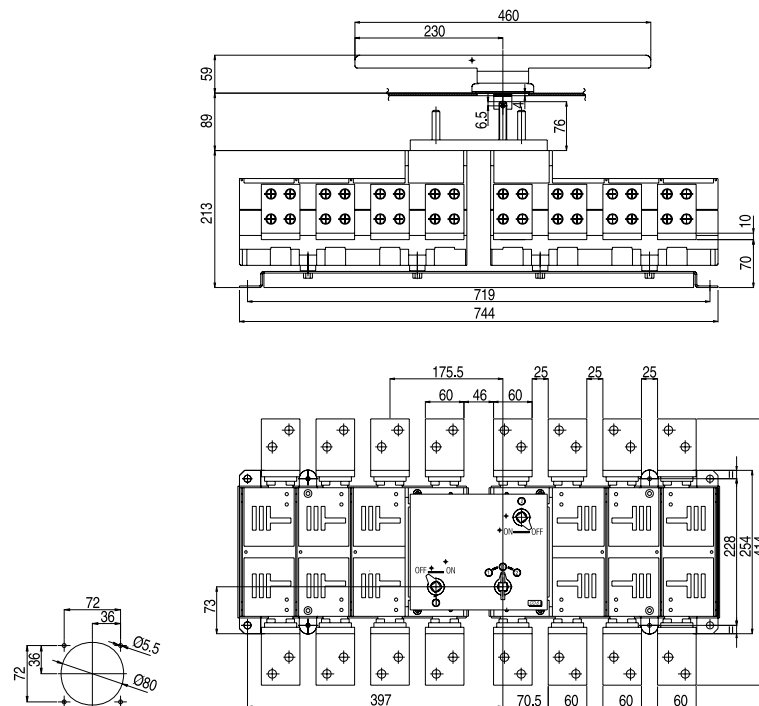
X

Dimensions

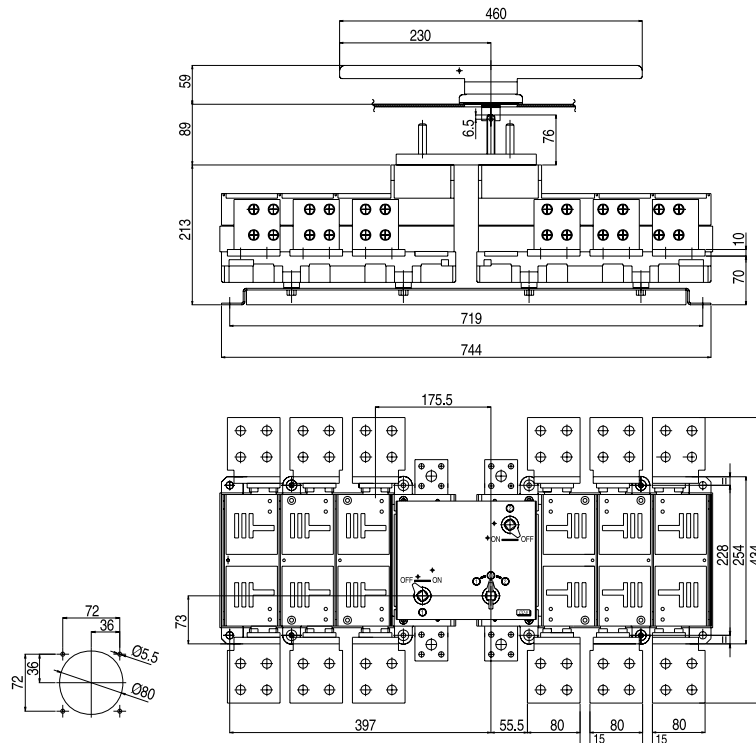
CO-Dilos 6S



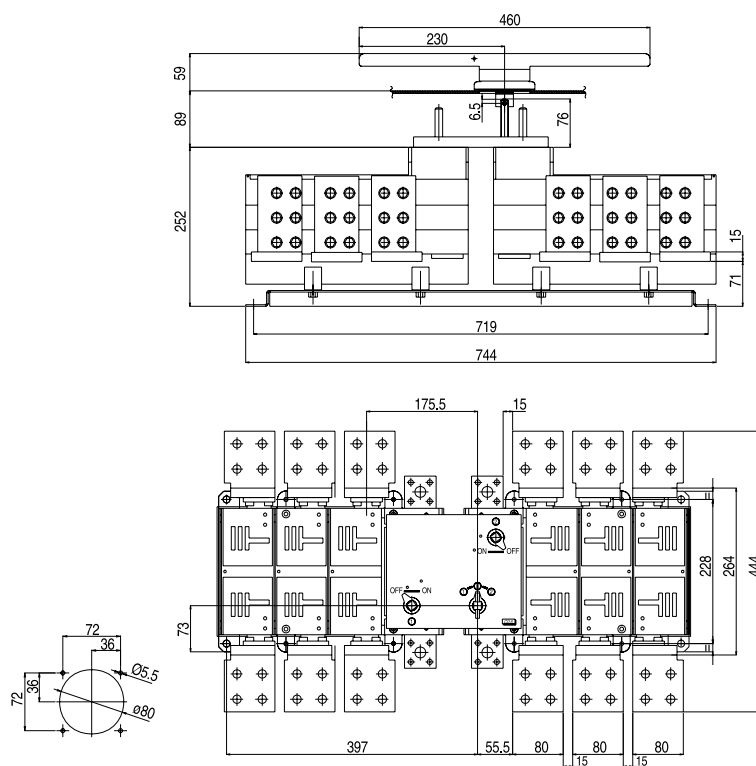
CO-Dilos 7S



CO-Dilos 8S - 2000A



CO-Dilos 8S - 2500A



Dilos

A

B

C

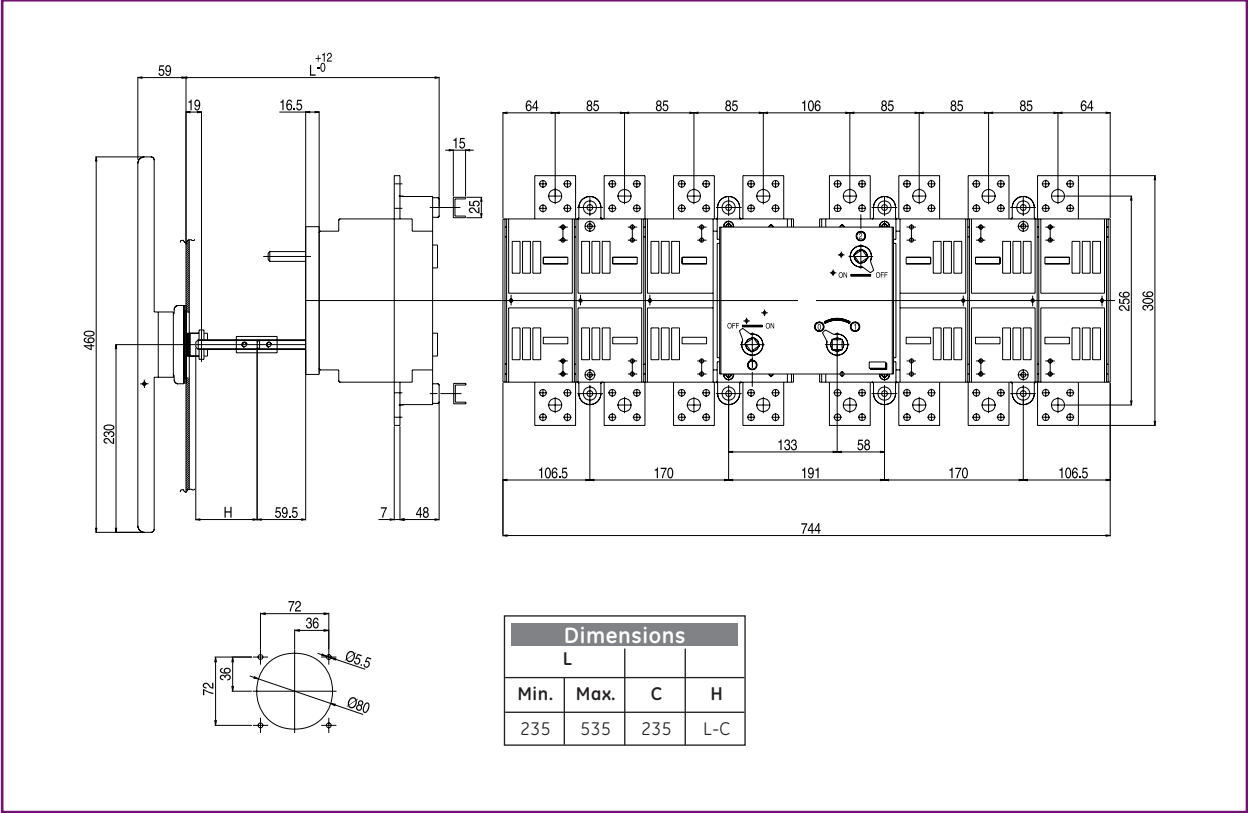
D

E

X

Dimensions

6P Dilos 6S



Dimensions

A

B

C

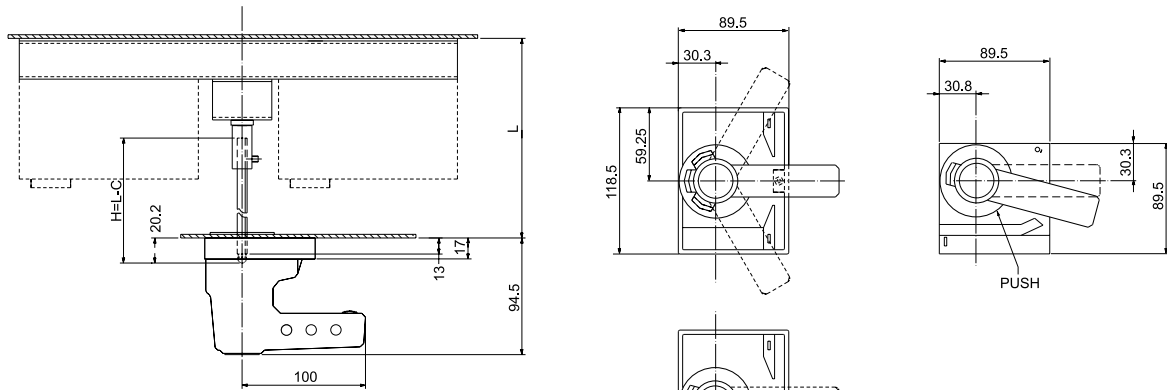
D

E

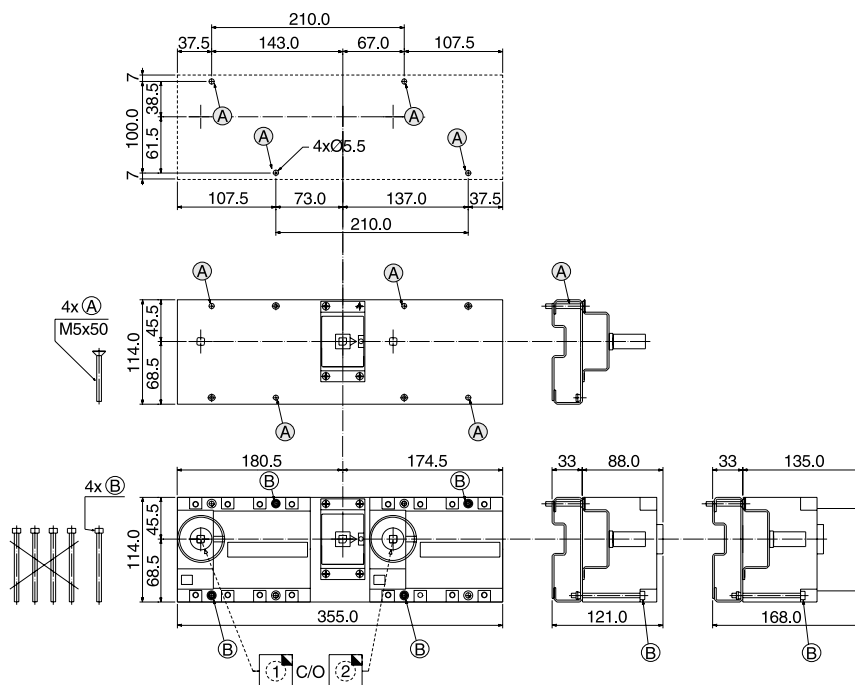
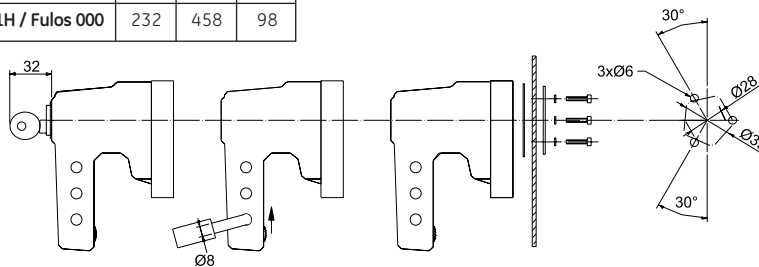
X



Changeover (CO) system - 6/8P system - Dilos 1H / Fulos 000



Dimensions			
	L		C
	Min.	Max.	
CO Dilos 1H / Fulos 000	186	458	98
6/8P Dilos 1H / Fulos 000	232	458	98



Dilos/Fulos

A

B

C

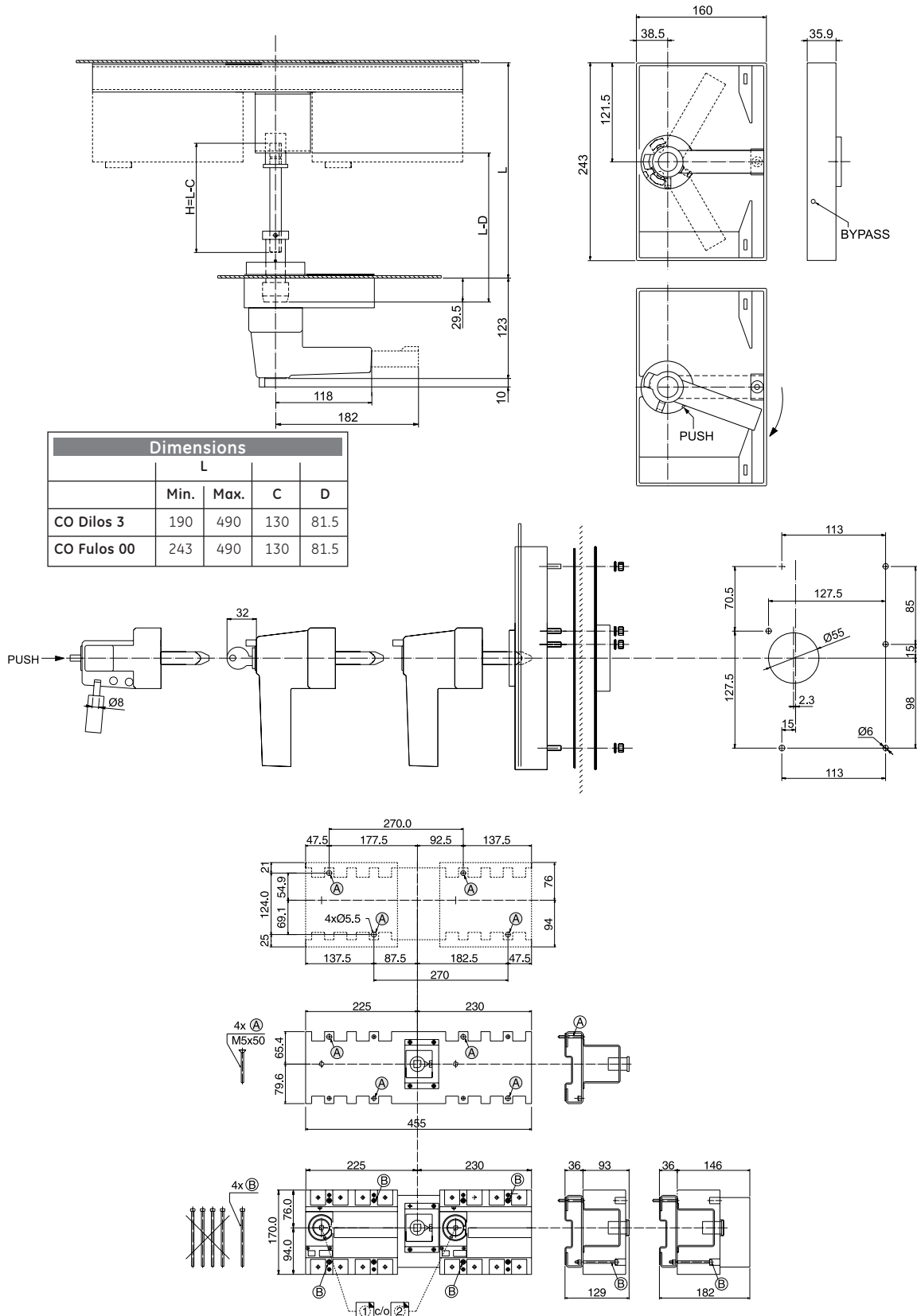
D

E

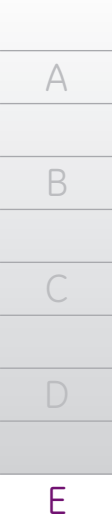
X

Dimensions

Changeover (CO) system - Dilos 3 / Fulos 00



Dilos/Fulos

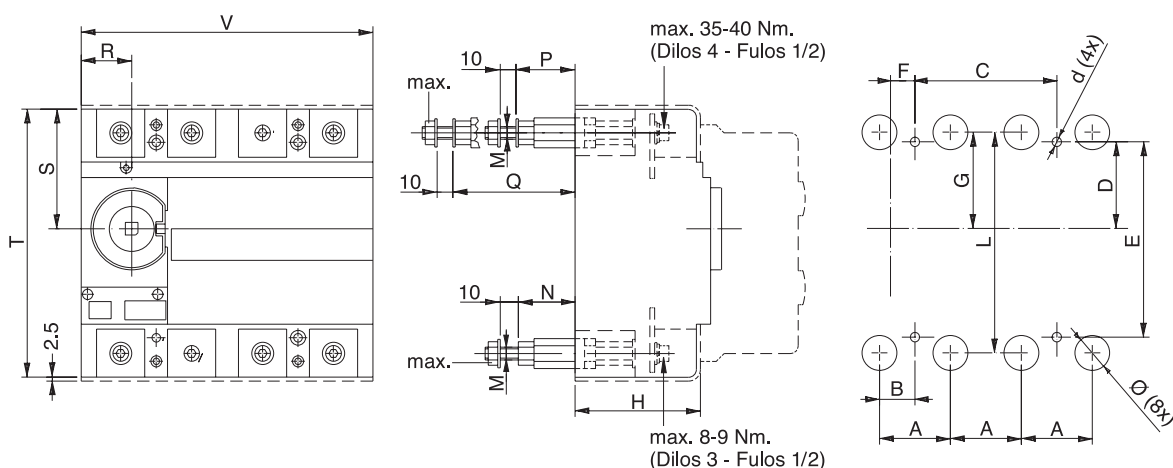


A

B

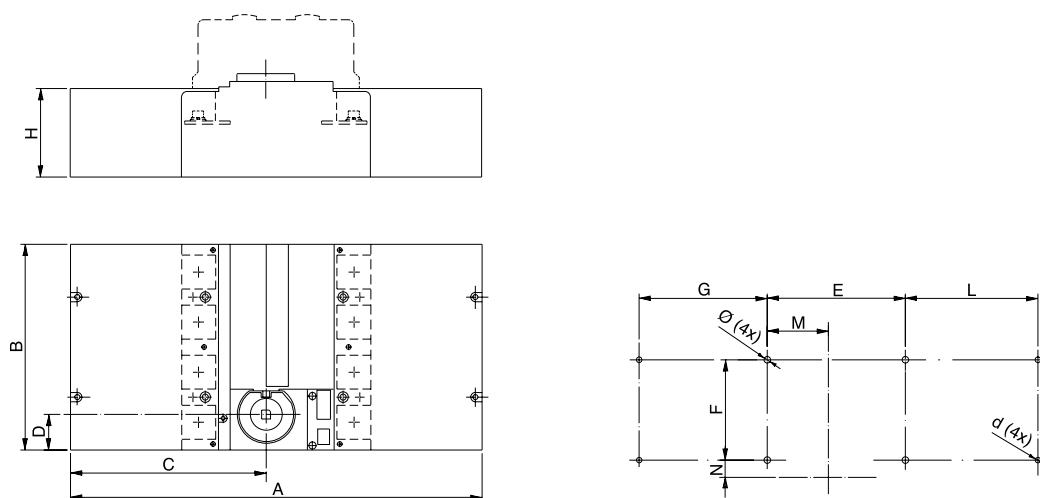
C

Rear terminals - Dilos 3 / 4 - Fulos 00 / 1 / 2



Dimensions																				
	A	B	C	D	E	F	G	H	L	M	N	Ø	d	MAX.	P	Q	R	S	T	V
Dilos 3 - Fulos 00	45	22.5	90	55	124	15.5	61	80	140	M8	36	22	6	6Nm	-	-	32	76	170	185
Dilos 4 - Fulos 1 / 2	65	32.5	130	68.5	220	30	63.5	110	210	M14	-	30	7	19Nm	51	98	35	85	253	260

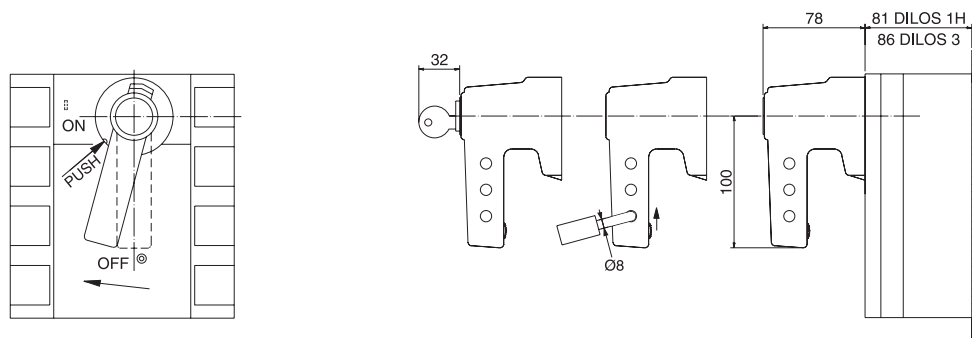
Terminal covers - Dilos 3 / 4 - Fulos 00 / 1 / 2



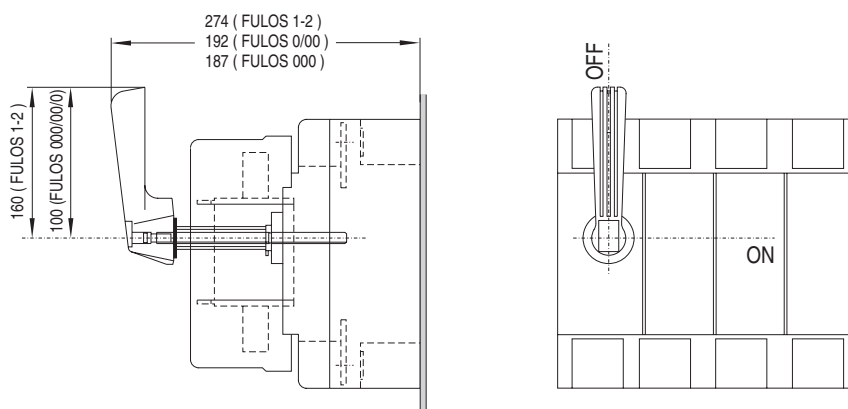
Dimensions													
	A	B	C	D	E	F	G	H	L	M	N	Ø	d
Dilos 3 - Fulos 00 Long	370	185	176	32	124	90	115	80	119	55	15.5	6	5
Dilos 4 - Fulos 1 / 2 Long	433	260	175	35	220	130	100.5	109	100.5	68.5	30	7	5
Dilos 3 - Fulos 00 Short	250	185	116	32	124	90	55	80	59	65	15.5	6	5
Dilos 4 - Fulos 1 / 2 Short	363	260	140	35	220	130	73	109	65.5	68.5	30	7	5

Dimensions

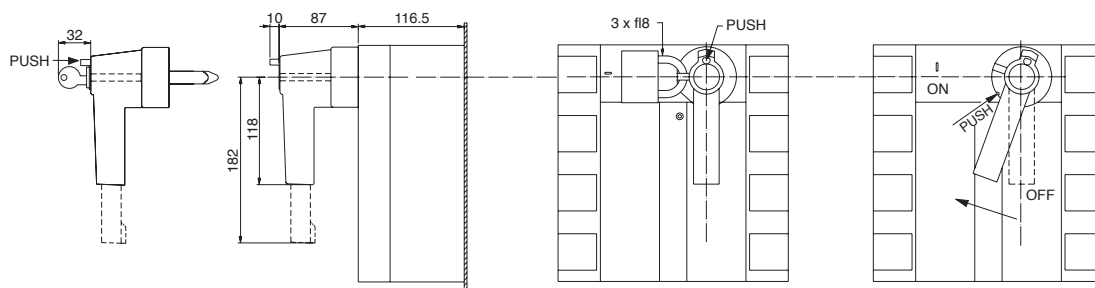
Direct handles for Dilos 1H and Dilos 3



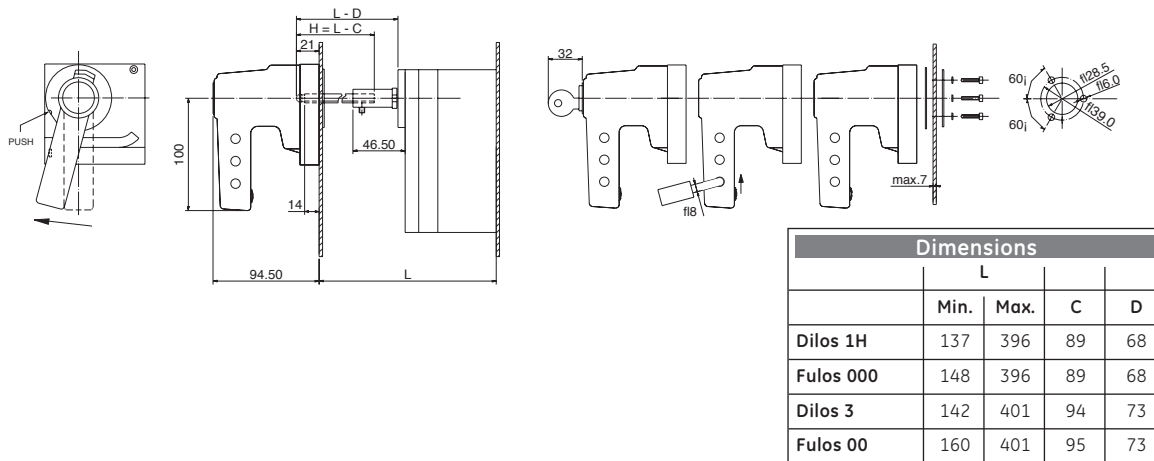
Direct handles for Fulos 000 / 00 / 1 / 2



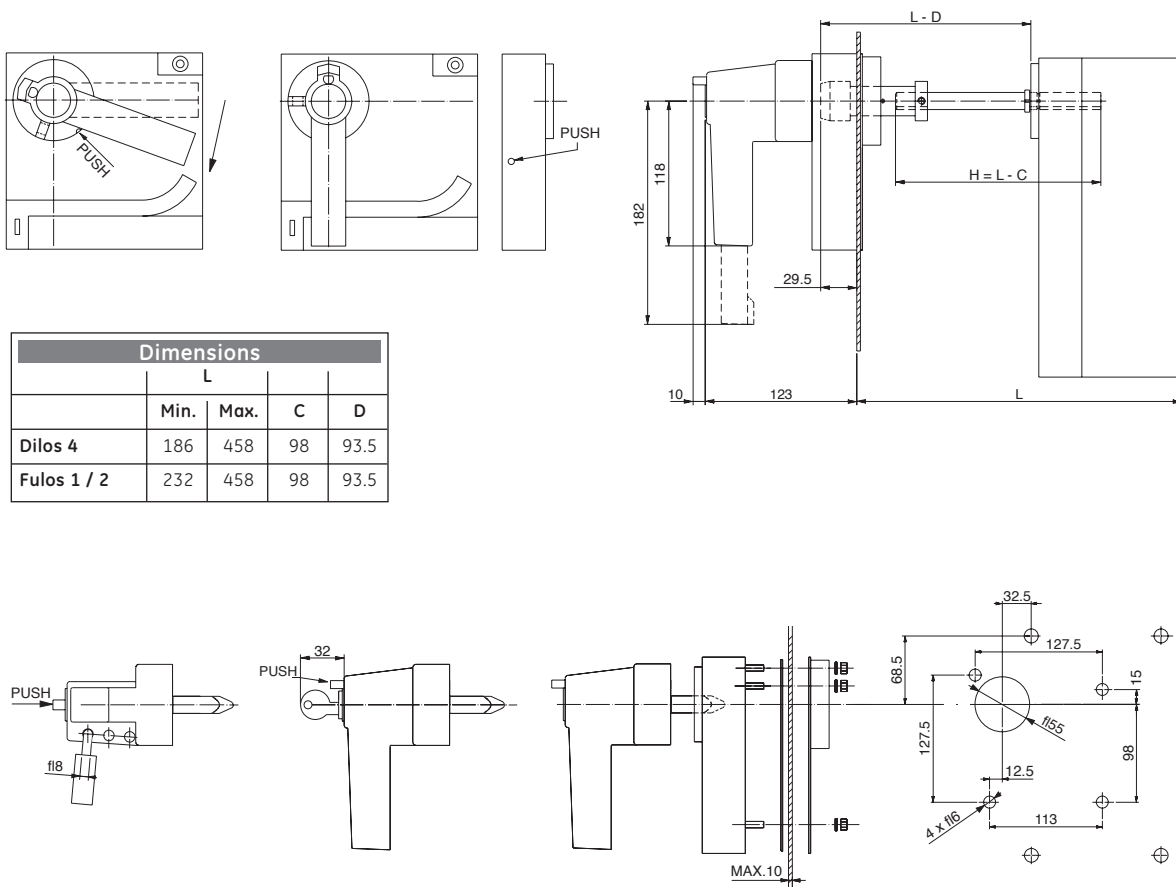
Direct handles for Dilos 4



Handles for cover or hinged door - Dilos 1H / 3 - Fulos 000 / 00

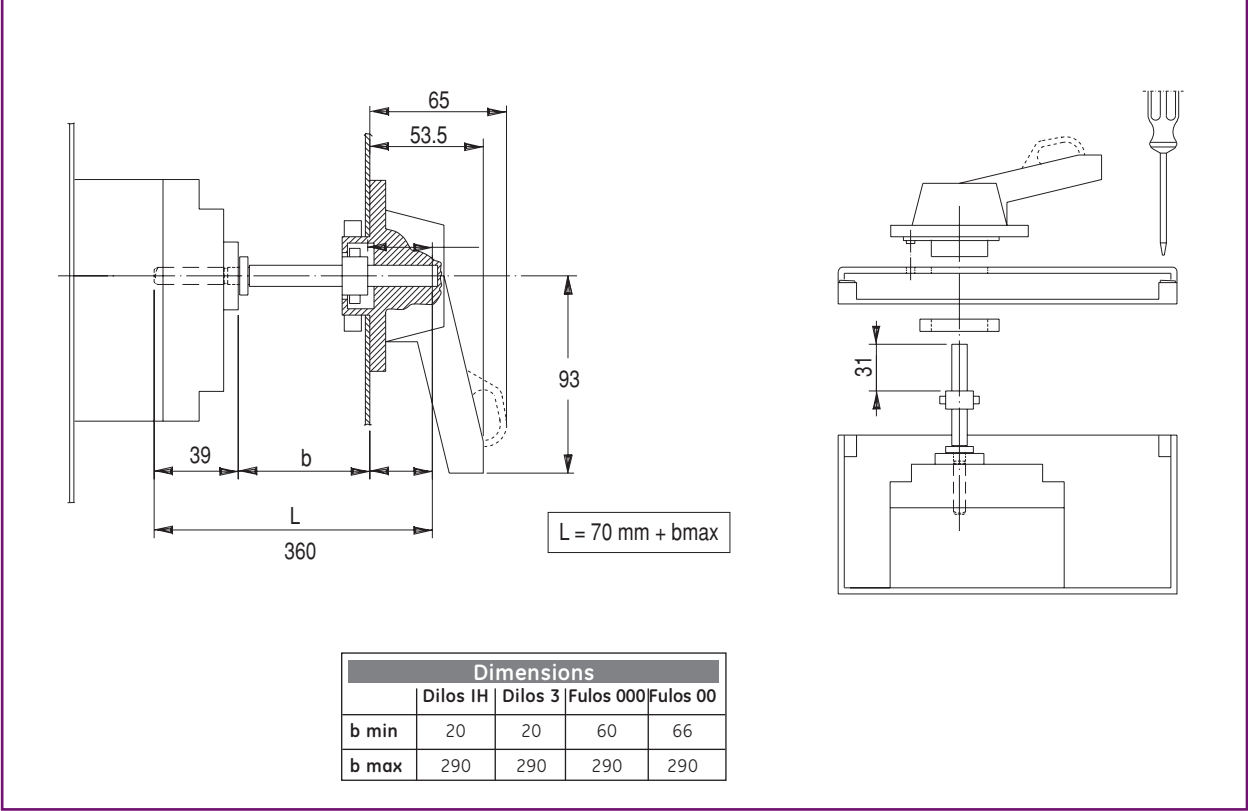


Direct handles for Dilos 4 - Fulos 1 / 2

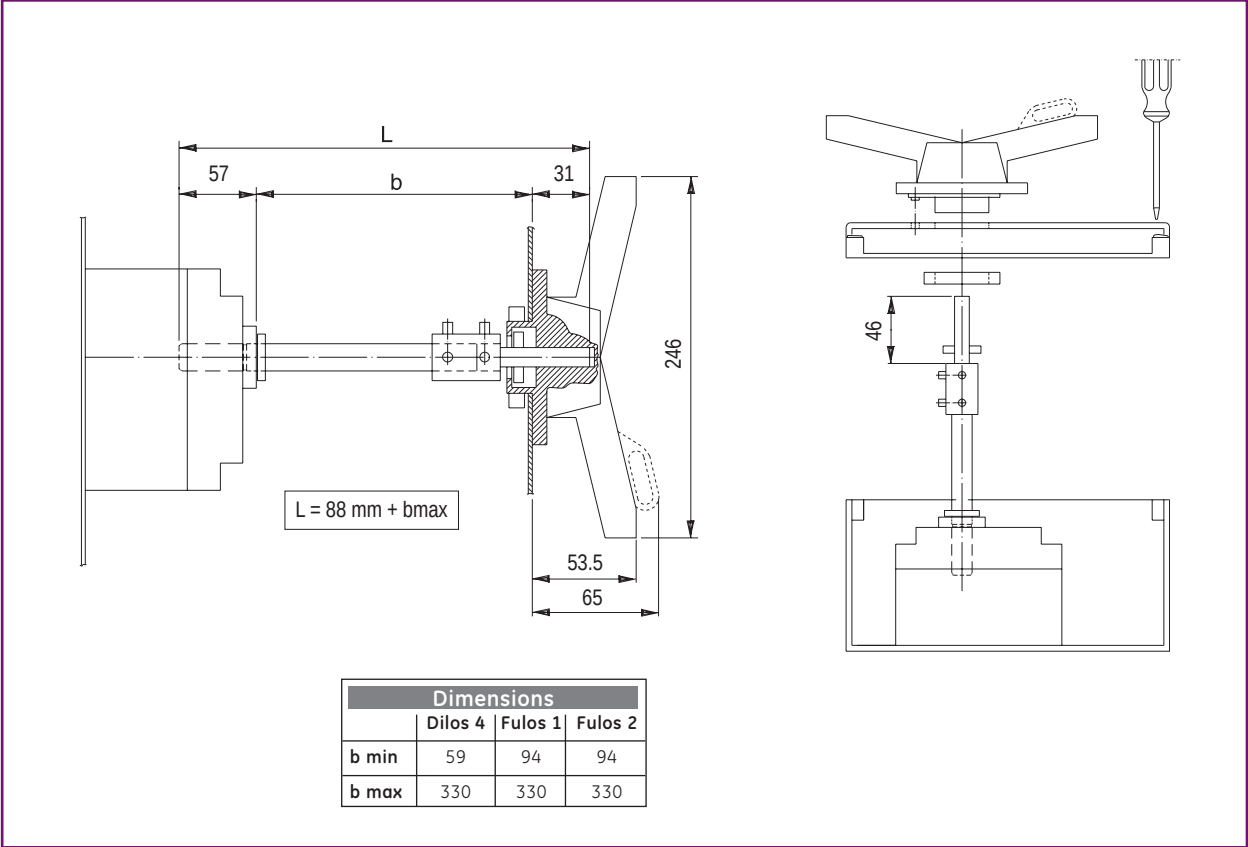


Dimensions

Handles for inner door (reduced depth) - Dilos 1H / 3 - Fulos 000 / 00



Handles for inner door (reduced depth) - Dilos 4 - Fulos 1 / 2



A
B
C
D
E
X

Numerical index by *catalogue number*

Numerical index

A

B

C

D

E

X

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D/061000-097	730000	B.8	D/061437-201	730500	B.13	D/061940-211	730649	B.13	D/062920-223	730664	B.25
D/061000-097	730000	B.9	D/061444-201	730502	B.15	D/061940-213	730650	B.11	D/062920-223	730664	B.27
D/061000-097	730000	B.11	D/061445-201	730504	B.15	D/061940-213	730650	B.13	D/062920-265	730665	B.14
D/061000-097	730000	B.13	D/061446-201	730506	B.15	D/061940-231	730651	B.11	D/062920-265	730665	B.28
D/061000-097	730000	B.25	D/061494-201	730757	B.22	D/061940-231	730651	B.13	D/062920-266	730666	B.14
D/061000-097	730000	B.28	D/061512-201	730185	B.7	D/061940-233	730652	B.11	D/062920-266	730666	B.28
D/061212-201	730004	B.7	D/061514-201	730189	B.7	D/061940-233	730652	B.13	D/062920-267	731348	B.14
D/061214-201	730008	B.7	D/061515-201	730193	B.7	D/061940-252	731538	B.11	D/062920-267	731348	B.28
D/061215-201	730012	B.7	D/061516-201	730197	B.7	D/061940-252	731538	B.13	D/062920-281	730853	B.11
D/061216-201	730016	B.7	D/061517-201	730201	B.7	D/061940-253	731539	B.11	D/062920-281	730853	B.13
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652022	V/333-013743	B.5	730257	D/061910-012	B.9	730620	D/062942-225	B.32	730847	D/062542-221	B.31
652023	V/333-013744	B.5	730258	D/061910-014	B.7	730620	D/062942-225	B.33	730848	D/062552-241	B.32
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652027	V/333-013764	B.5	730262	D/061922-004	B.9	730626	D/062922-204	B.28	730853	D/062920-281	B.27
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