GE Consumer & Industrial
Power Protection

WORLDWIDE PARTNER



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

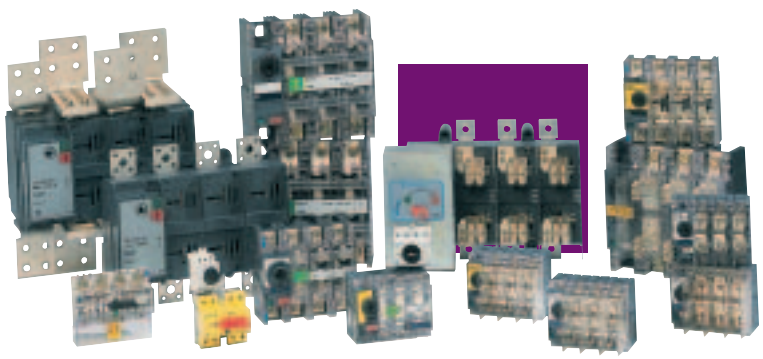
- Complete choice of current ratings
- In Dilos from 16A up to 4000A
- In Fulos from 125A up to 1000A/1250A
- Compact moulded body with transparent cover (visible contacts)
- Universal mechanism (unambiguous)
- Clear "ON/OFF"indication
- Double break contacts with separate arcing contacts
- Padlocking 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.



Complete range

Dilos

Rated current (A)	16	25	32	40	63	80	100	125	160	200	250	315	400	630	800	1000	1250	1600	2000	2500	3150	4000
DIN-rail and Wall mounted	Dilos 00																					
			Dilos 0																			
				Dilos 1					Dilos 2													
Wall mounted				Dilos 1H					Dilos 3				Dilos 4		Dilos 6s			Dilos 7S	Dilos 8S		Dilos 9S	

Fulos

Rated current (A)	16	25	32	40	63	80	100	125	160	200	250	315	400	630	800	1000	1250	1600	2000	2500	3150	400
Wall mounted	Fulos 000 / NH-000																					
								Fulos 00														
							Fulos 1 / NH-1															
								Fulos 2 / NH-2														
												Fulos 3S / NH-3										
													Fulos 4 / NH-4									

Two systems

- **DIN-rail** type disconnectors from 16A up to 200A
  The most complete range in the market
  Easy to install

- **Wall mounted** disconnectors from 40A up to 4000A and fused disconnectors from 125A up to 1250A



Complete range of accessories
which are mostly common for all disconnectors

- Outside auxiliary contacts
  (simultaneously with main contact)

- Inside auxiliary contact
  (anticipated with main contact)

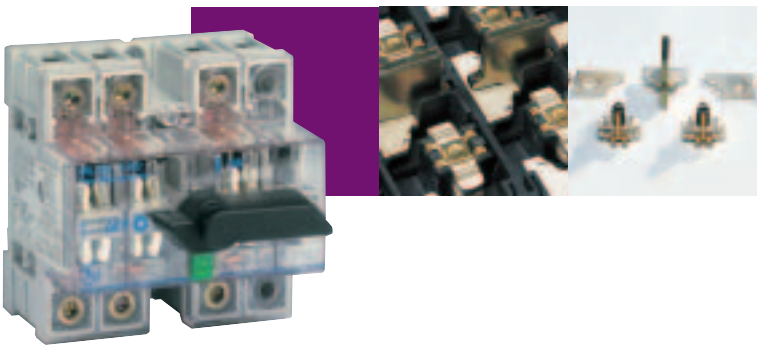
- Rotary handles (padlockable)
  with extension shafts

- Changeover systems

- Terminal covers

High performances

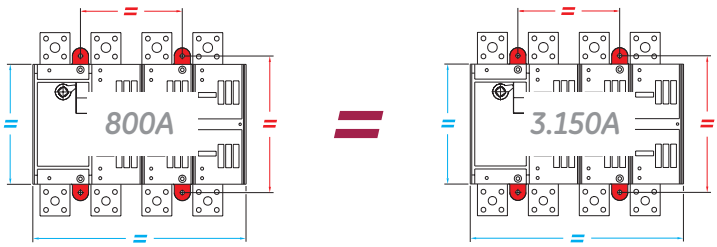
All disconnectors have double interruption on the four contact points
to reach **high short-circuit resistance**



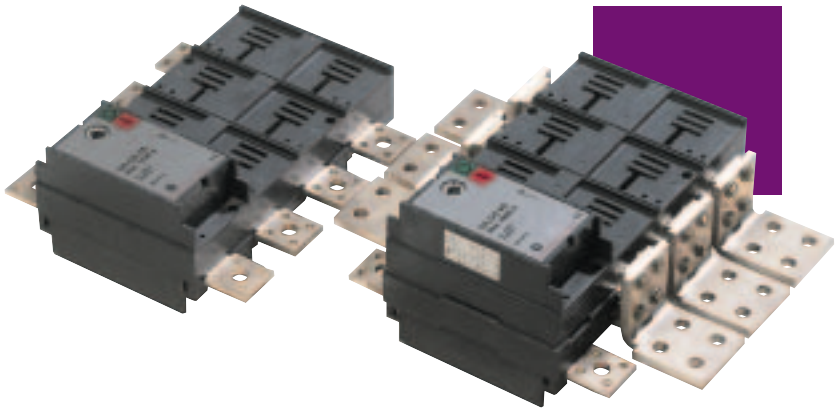
Easy to install

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

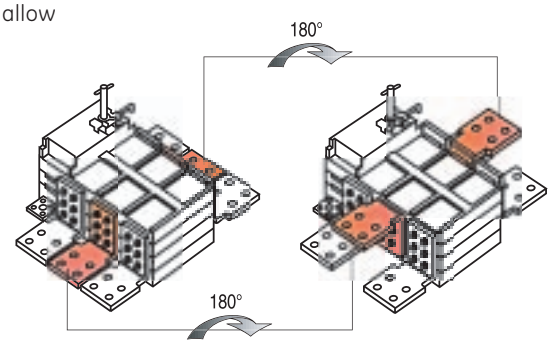
- One frame size (one dimension)
- Same fixation points for the installer
- Most compact size in the market



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

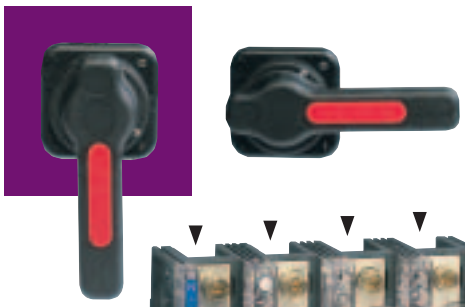


Safe and reliable

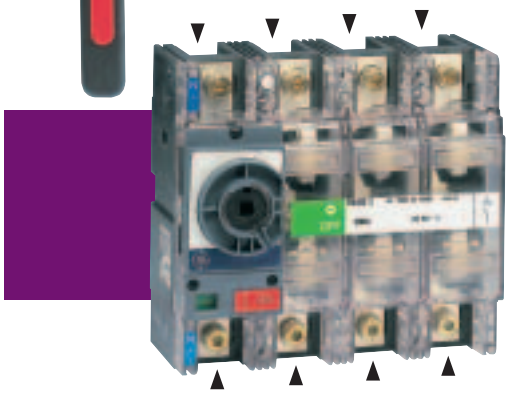
Visible contacts and disconnect functions



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



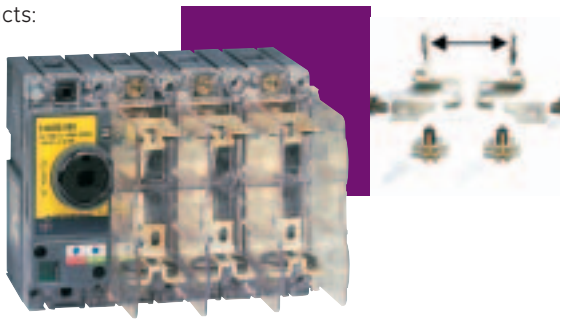
The power source for all disconnectors may be upstream or downstream



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.



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

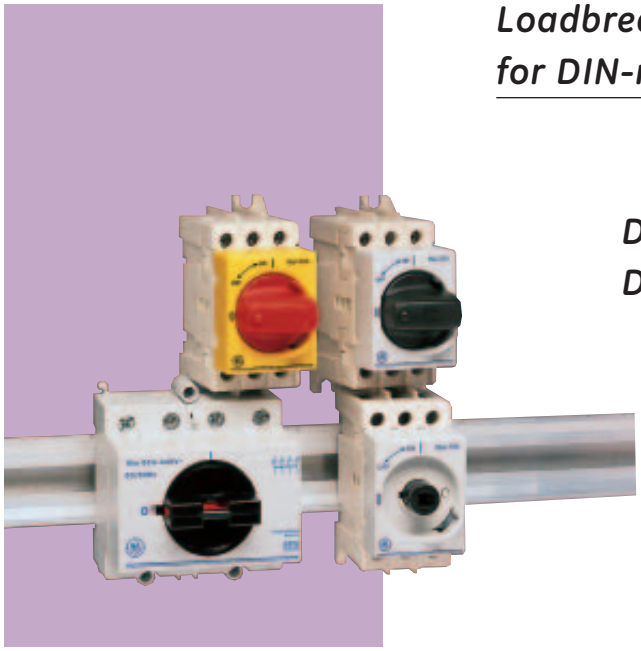
B.23 **Fulos 000 DIN - NF - BS** - Fused loadbreak disconnectors 100A/125A
B.26 **Fulos 00 DIN - BS** - Fused loadbreak disconnectors 160A/200A
B.30 **Fulos 1 DIN - BS** - Fused loadbreak disconnectors 250A/200A
B.30 **Fulos 2 DIN - BS** - Fused loadbreak disconnectors 400A
B.34 **Fulos 3S DIN - BS**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

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

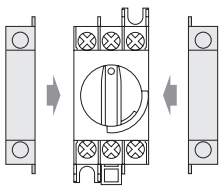


Approvals / Marking

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

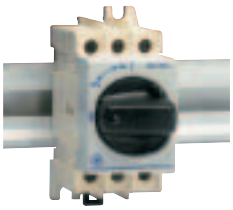
Technical data

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

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

Dilos 00 - DIN-rail disconnectors - 2 modules

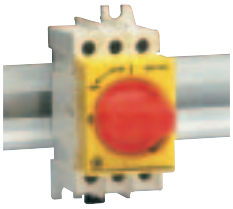
Standard grey



3P

Description	In (A)	Cat. no.	Ref. no.	Pack.
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

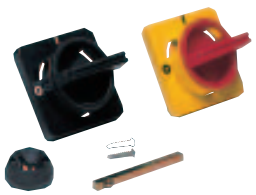
To be added on one side

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		





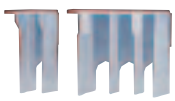
Earth module

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



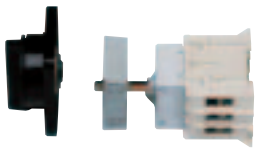
Switched neutral module

To be added on one side

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		

Handles IP65

D/061900-651	**730998**	1
Black padlockable rotary handle		
D/061900-653	**730999**	1
Red/yellow padlockable rotary handle		





Fixed neutral module

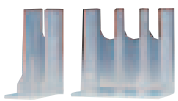
To be added on one side

D/061903-255	**731010**	1
For 16A-40A		

Terminal covers

For DIN-rail and door mounting

D/061902-220	**731002**	1
3P		
D/061902-221	**731003**	1
1P		





Earth module

To be added on one side

D/061903-256	**731011**	1
For 16A-40A		

Rear view Dilos 00 + switch neutral module (4th pole)





Auxiliary contacts

To be added on one side

D/061901-252	**731001**	1
1 NO/NC		
Ith = 10A at 230V		

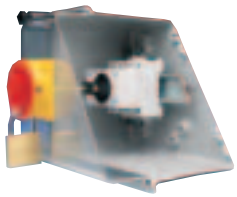
Dilos 0 - DIN-rail disconnectors - 4 modules

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

IP65

V/333-013721 | **652062** | 1

Standard rotary handle

Extension shaft of 238 mm

V/333-013723 | **652063** | 1

Red/yellow padlockable rotary handle

(max. three padlocks Ø 9 mm)

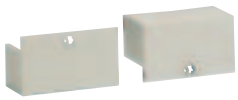
Extension shaft of 238 mm and frontplate

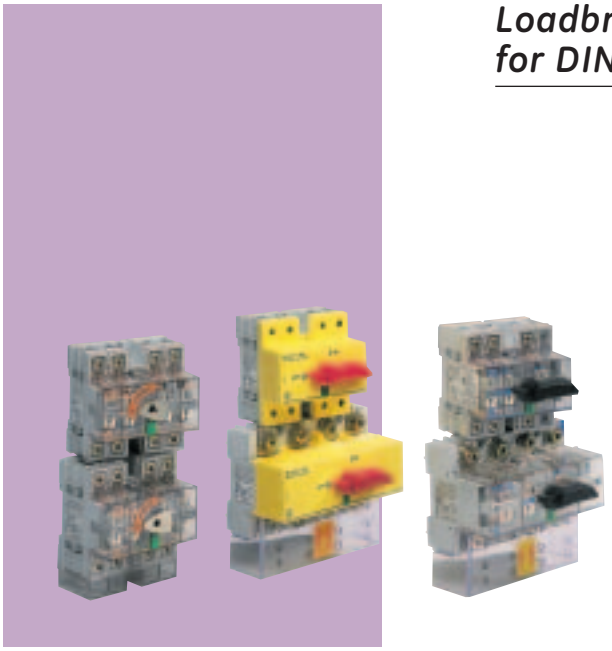
Terminal covers

V/333-013760 | **652016** | 1

Sealable

Set of 2 pieces





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



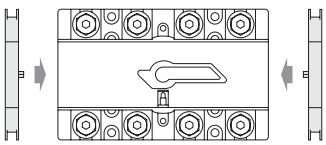
Applications



Approvals / Marking

KEMA KEUR UL CE

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

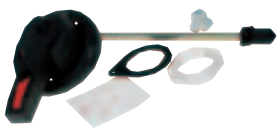
	Dilos 1	**Dilos 2**	**Elos**
Rated thermal current	*40A - 125A*	*160A - 200A*	*63A - 125A*
Rated operational voltage Ue	690V	690V	690V
Rated insulation voltage Ui	690V	690V	690V
Peak short withstand circuit current	10kA	10kA	10kA
Rated short-circuit current	50kA	50kA	50kA
High 1s rated short time withstand 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	Description	In (A)	Cat. no.	Ref. no.	Pack.
2P		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
3P		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
4P		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
3P+NF	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	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
4P	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

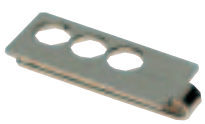
IP65 - Padlockable

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

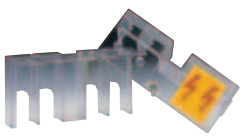
D/061910-004 **730256** 1
Black - H = 55mm
Extension shaft L = 400 mm

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



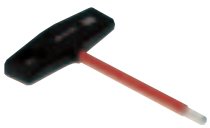
Bar or cable lug connection

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



Inbus key

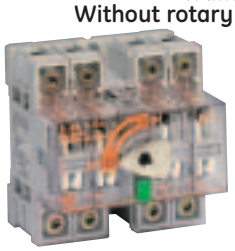
D/061000-097 **730000** 1
Insulated S5 - L = 200 mm

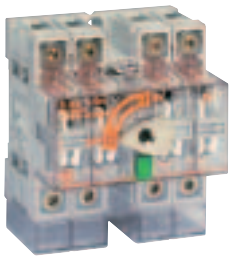


Elos - DIN-rail loadbreak disconnectors - 5 modules

Transparent
Without rotary handle

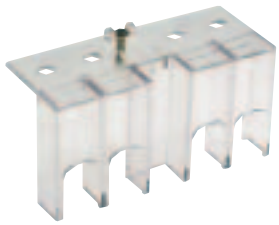
4P





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

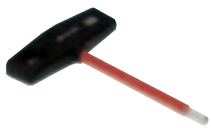
For three padlocks



Inbus key

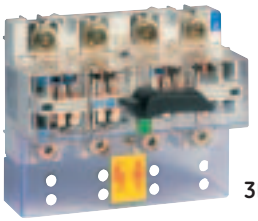
D/061000-097	**730000**	1

Insulated S5 - L = 200 mm



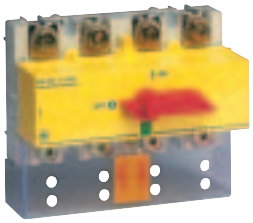
Dilos 2 - DIN-rail loadbreak disconnectors - 8 modules

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



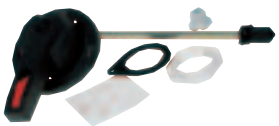
	Description	In (A)	Cat. no.	Ref. no.	Pack.
2P		160	D/061224-201	**730034**	1
		200	D/061226-201	**730042**	1
3P		160	D/061324-201	**730088**	1
		200	D/061326-201	**730096**	1
4P		160	D/061424-201	**730157**	1
		200	D/061426-201	**730165**	1
3P+NF	Fixed neutral	160	D/061524-201	**730215**	1
		200	D/061526-201	**730223**	1

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



3P	Red/yellow, according to DIN VDE 0113 Teil 1	160	D/061324-203	**730089**	1
		200	D/061326-203	**730097**	1
4P	Red/yellow, according to DIN VDE 0113 Teil 1	160	D/061424-203	**730158**	1
		200	D/061426-203	**730166**	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 = 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		

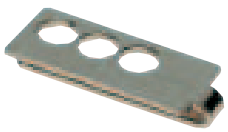


Auxiliary contacts

To mount on the right side

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



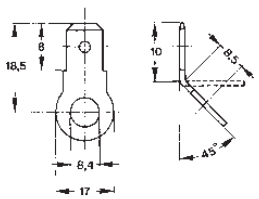


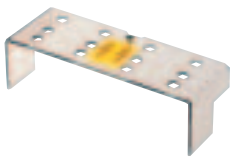
Padlocking device (Ø max 8 mm)

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 mm^2 connections		



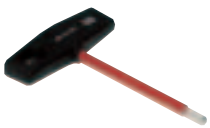


Terminal cover

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



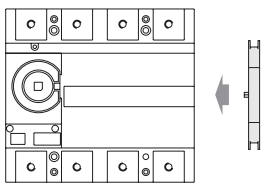
Applications



Approvals / Marking

KEMA KEUR — Dilos 1H-3-4
UL — Dilos 1H
CE

Add-on devices



Performance

Wall mounting
Main disconnector, safety disconnector
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 disconnector (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 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		





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)		

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 - Loadbreak disconnectors for wall mounting



Transparent	Description	In (A)	Cat. no.	Ref. no.	Pack.
3P	Without rotary handle	160	D/061334-201	**730463**	1
		200	D/061335-201	**730466**	1
		250	D/061336-201	**730469**	1
		315	D/061337-201	**730472**	1
3P+N	Without rotary handle	160	D/061434-201	**730491**	1
		200	D/061435-201	**730494**	1
		250	D/061436-201	**730497**	1
		315	D/061437-201	**730500**	1
3P+NF	Fixed neutral Without rotary handle	160	D/061534-201	**730519**	1
		200	D/061535-201	**730522**	1
		250	D/061536-201	**730525**	1
		315	D/061537-201	**730528**	1



Safety					
3P	Yellow label, according to DIN VDE 0113 Teil 1 Without rotary handle	160	D/061334-203	**730464**	1
		200	D/061335-203	**730467**	1
		250	D/061336-203	**730470**	1
3P+N	Yellow label, according to DIN VDE 0113 Teil 1 Without rotary handle	160	D/061434-203	**730492**	1
		200	D/061435-203	**730495**	1
		250	D/061436-203	**730498**	1

Accessories Dilos 3







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 cover or hinged door

IP65 - Defeat - Padlockable

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		





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		

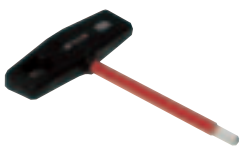


Keylock

D/769080-000	**769080**	1
Plug-in for handles (Ronis 1104)		

Inbus key

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



Accessories Dilos 3 (continued)



Changeover system (I-O-II)

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

IP65 - defeat

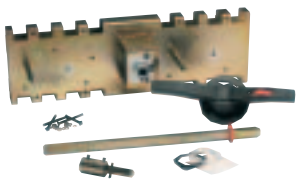
D/062920-265	**730665**	1

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





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

Anticipated auxiliary contacts

(early make and early break)

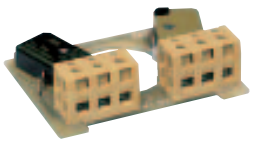
To be mounted inside

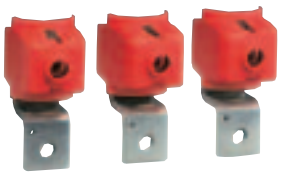
D/062921-201	**730610**	1

1 CO

D/062921-202	**730611**	1

2 CO





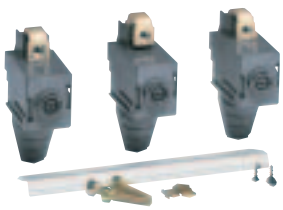
Terminals (Cu or Al 185 mm²)

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

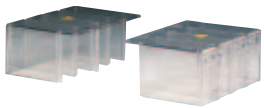
Set of 4 terminals with cover

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

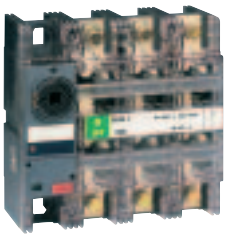
Set of 4 pieces

D/062922-221	**730616**	1

Set of 2 connection bolt covers 4P



Dilos 4 - Loadbreak disconnectors for wall mounting



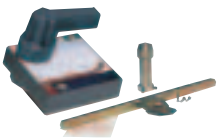
Transparent	Description	In (A)	Cat. no.	Ref. no.	Pack.
3P	With padlockable rotary handle	400	D/061344-201	**730474**	1
		500	D/061345-201	**730476**	1
		630	D/061346-201	**730478**	1
3P+N	With padlockable rotary handle	400	D/061444-201	**730502**	1
		500	D/061445-201	**730504**	1
		630	D/061446-201	**730506**	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

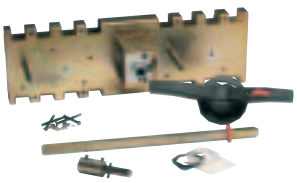
D/769080-000	**769080**	1
Plug-in for handles		



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

KEMA KEUR CE

Performance

Panel mounting
Main disconnector
Disconnect function
As changeover - as 6P disconnector
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

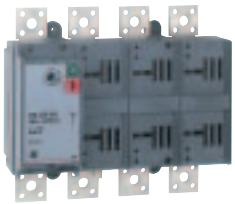
Technical data auxiliary contacts

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 disconnector
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



	Description	In (A)	Cat. no.	Ref. no.	Pack.
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

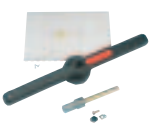
Direct black with transparent main contact cover shield (3P)

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 key-lockable (Keylock not included)



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)

Extension shaft, see page B.21

Keylock

D/062960-240	**730857**	1

Plug-in, Fiat key (code H235)

Lockable in OFF position

Key removable in OFF position



Padlock system

D/661960-245	**731787**	1

For direct handle



Covers

D/662962-223	**731895**	1

1 upper box terminal cover transparent



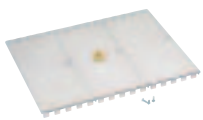
D/662962-224	**731896**	1

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



Loadbreak disconnectors for wall mounting

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



Applications




Approvals / Marking

CESI certificate CE

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

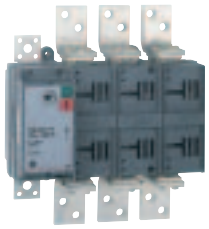
Technical data

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

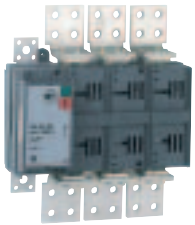
Technical data ● pg. C.4
Installation facilities ● pg. D.2 - D.5
Dimensions ● pg. E.6

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

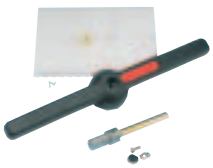


2000A	Description	In (A)	Cat. no.	Ref. no.	Pack.
3P	Visible contacts. Without handle	2000	D/661382-251	**731632**	1
3P+N 50%	Visible contacts. Without handle	2000	D/661782-251	**731754**	1
4P	Visible contacts. Without handle	2000	D/661482-251	**731719**	1



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







Extension shaft, see page B.21

Double handles

D/661960-251	**731788**	1

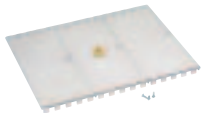
Direct black with transparent main contact cover shield (3P)

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)



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

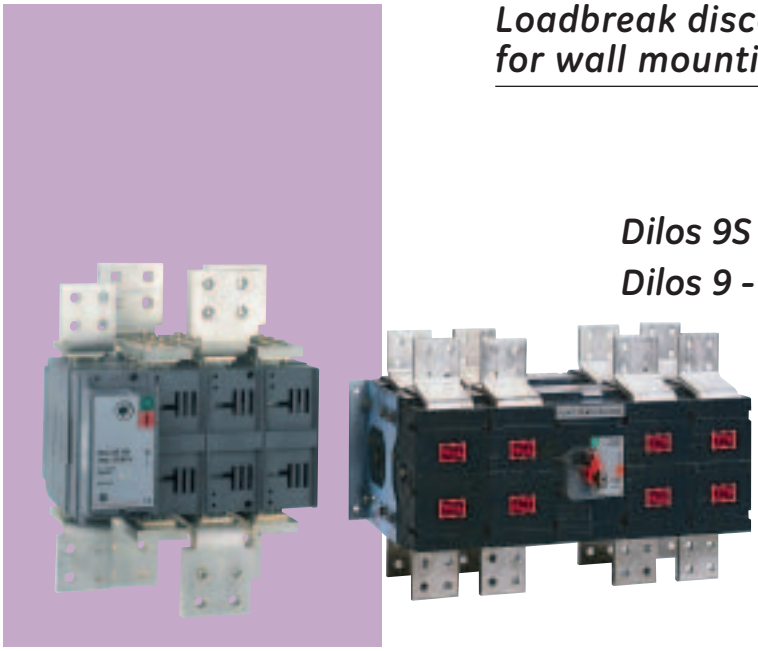


D/661971-202	**731795**	1

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

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

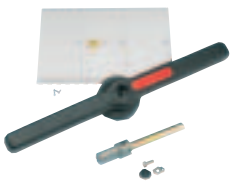
Technical data ● pg. C.4
Dimensions ● pg. D.2 - D.5
Installation facilities ● pg. E.6

Dilos 9S - Loadbreak disconnectors for wall mounting



	Description	In (A)	Cat. no.	Ref. no.	Pack.
3P	Visible contacts. Without handle	3150	D/661393-251	**731654**	1
3P+N 50%	Visible contacts. Without handle	3150	D/661793-251	**731769**	1

Accessories



Double handles

D/661960-251 | **731788** | 1

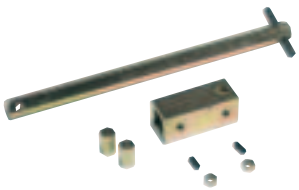
Direct black and transparent main contact cover shield (3P)

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

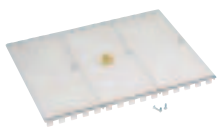
Black with extension shaft (300 mm - 12x12 mm) for door mounting - IP65 - Padlockable in OFF position (3 padlocks 6.3 mm) with defeat mechanism - keylockable (Keylock not included)



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)

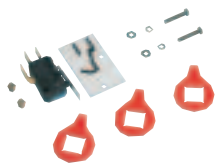
D/661971-201 | **731794** | 1

1NO+1NC

D/661971-202 | **731795** | 1

2NO+2NC

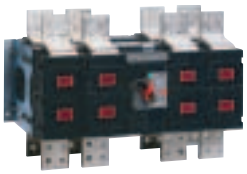
Technical data, see page B.16





(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



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

* Not under load

Accessories



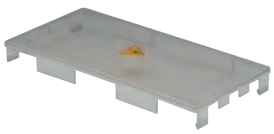
Double handles

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



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



Auxiliary contacts (CO)

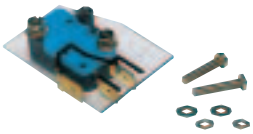
D/062961-201	**730860**	1

1NO+1NC

D/062961-202	**730861**	1

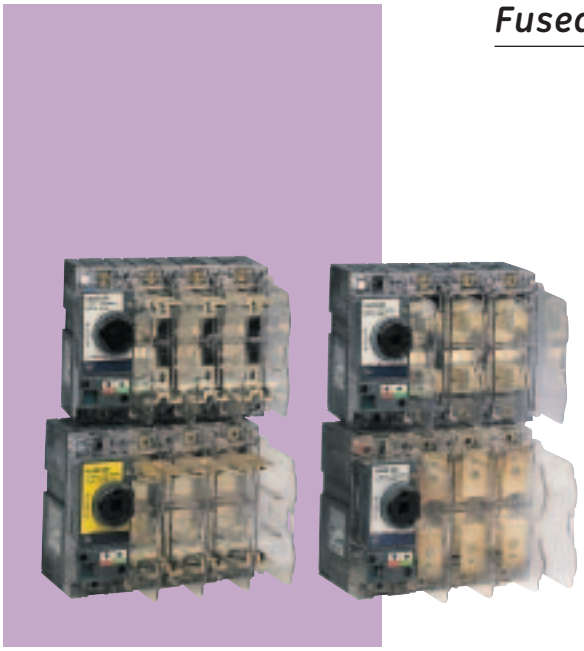
2NO+2NC

Technical data, see page B.16



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

Fused loadbreak disconnectors



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



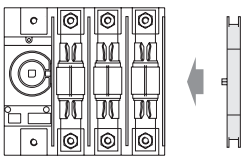
Applications



Approvals / Marking

KEMA KEUR CE

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

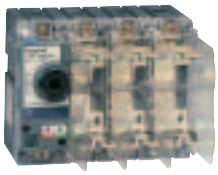
For disconnectors
IEC 60947-1 and IEC 60947-3, DIN VDE 0660 Teil 107,
BS EN 60947-3, CEI 17-11 (Fasc. 1039), EN 60947-3,
NBN EN 60947-3, NF C 63-130
Safety disconnector (red/yellow) according to DIN VDE 0113 Teil 1
For fuses
IEC 60269-2-1, BS 88 Parts 1 & 2 1988, DIN VDE 0636 Teil 1,
NF EN 60269-1, NF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

Technical data ● pg. C.6
Dimensions ● pg. E.3

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

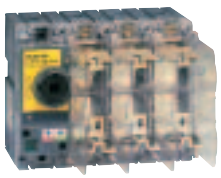


According to NF					
3P	NF 22 x 58. Without rotary handle	125	D/062314-201	**730821**	1
3P+N	NF 22 x 58. Without rotary handle	125	D/062414-201	**730833**	1
3P+NF	NF 22 x 58. Without rotary handle	125	D/062514-201	**730845**	1



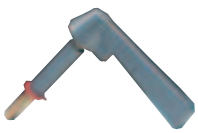
According to BS					
3P	BS A3 (TIS / OS - 440V) (OS 100 M125). Without rotary handle	100	D/062312-232	**731919**	1
3P+N	BS A3 (TIS / OS - 440V) (OS 100 M125). Without rotary handle	100	D/062412-232	**731921**	1
3P+NF	BS A3 (TIS / OS - 440V) (OS 100 M125). Without rotary handle	100	D/062512-232	**731923**	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 disconnector with neutral on the right, black		
D/062920-283	**730854**	1
Special set for disconnector 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)		

Standard auxiliary contacts

To be added on the right side

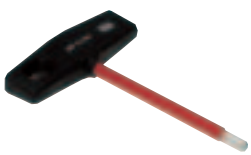
D/061901-001	**730252**	1
1P CO		
D/061901-002	**730253**	1
2P CO		





Fuse protection cover

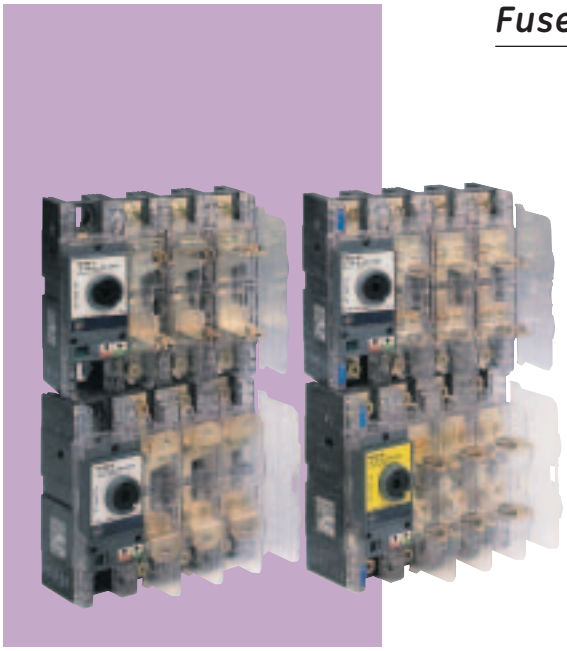
D/062912-225	**730614**	1
3P		



Inbus key

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

Fused loadbreak disconnectors



Fulos 00 DIN - 160A
Fulos 00 BS - 200A



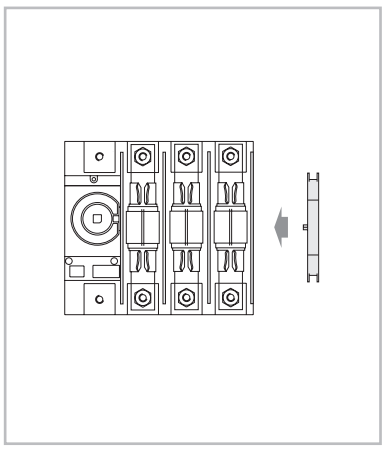
Applications



Approvals / Marking

KEMA KEUR CE

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

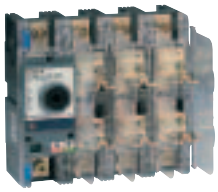
For disconnectors
IEC 60947-1 and IEC 60947-3, DIN VDE 0660 Teil 107,
BS EN 60947-3, CEI 17-11 (Fasc. 1039), EN 60947-3,
NBN EN 60947-3, NF C 63-130
Safety disconnector (red/yellow) according to DIN VDE 0113 Teil 1
For fuses
IEC 60269-2-1, BS 88 Part 2 1988, DIN VDE 0636 Teil 1,
NF EN 60269-1, NF C 63-211,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

Technical data

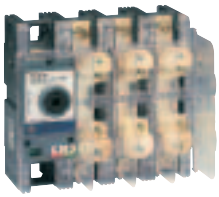
	DIN 00	BS A4
Rated thermal current	*160A*	*200A*
Rated operational voltage Ue	690V	690V
Rated insulation voltage Ui	1000V	1000V
Rated short-circuit current	100kA	100kA
Terminal capacity (Cu)	30 x 6 mm^2	30 x 6 mm^2

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

Fulos 00 - Fused loadbreak disconnectors

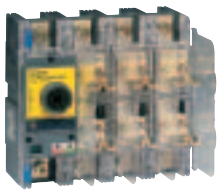


According to DIN	Description	In (A)	Cat. no.	Ref. no.	Pack.
3P	NH 00. Without rotary handle	160	D/062321-201	**730563**	1
3P+N	NH 00. Without rotary handle	160	D/062421-201	**730579**	1
3P+NF	NH 00. Without rotary handle	160	D/062521-201	**730595**	1



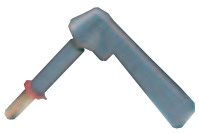
According to BS					
3P	BS A4 (TCP Ø 26 - 690V). Without rotary handle	100	D/062322-241	**730822**	1
	BS A4 (TCP / TFP Ø 33.7 - 690V). Without rotary handle	200	D/062322-242	**731925**	1
3P+N	BS A4 (TCP Ø 26 - 690V). Without rotary handle	100	D/062422-241	**730834**	1
	BS A4 (TCP / TFP Ø 33.7 - 690V). 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 disconnector



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



Keylock

D/769080-000	**769080**	1
Plug-in for handles (Ronis 1104)		

Handles for cover or hinged door

IP65 - Defeat - Padlockable

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 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		



Accessories Fulos 00 *(continued)*



Changeover system (I-O-II)

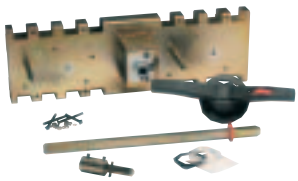
With extension shaft 300 mm, padlockable handle, gasket, flange and template IP65 - Defeat

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

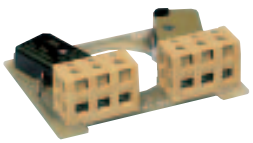
D/061901-002	**730253**	1

2P CO

Anticipated auxiliary contacts

(early make and early break)

To be mounted inside

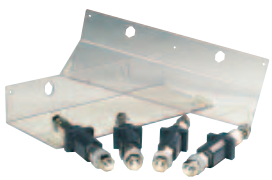


D/062921-201	**730610**	1

1CO

D/062921-202	**730611**	1

2 CO



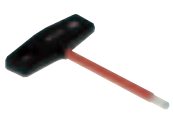
Rear connection with cover

D/062922-253	**730629**	1

Set of 3 pieces

D/062922-254	**730630**	1

Set of 4 pieces



Inbus key

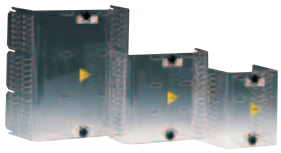
D/061000-097	**730000**	1

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

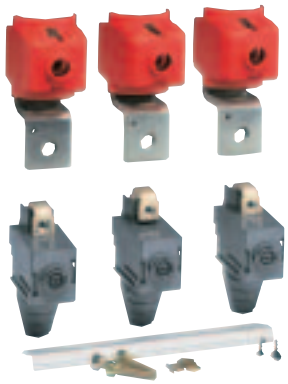
Set of 4 V box terminals with cover

D/062922-203	**730625**	1

Set of 3 terminals with cover

D/062922-204	**730626**	1

Set of 4 terminals with cover

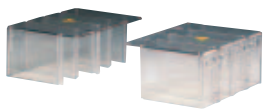


Terminal covers 4P

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



Notes



Fused loadbreak disconnectors

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



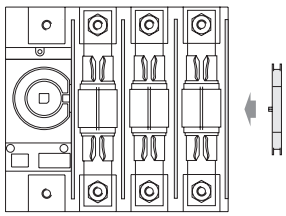
Applications



Approvals / Marking

KEMA KEUR CE

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

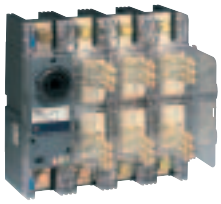
Technical data

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

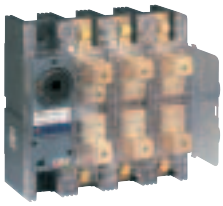
(1) BS A4 GTMF - 415V - 400A

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

Fulos 1 - Fused loadbreak disconnectors

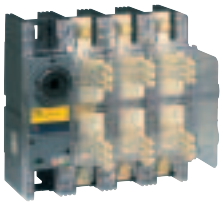


According to DIN	Description	In (A)	Cat. no.	Ref. no.	Pack.
3P	NH 1. Without rotary handle	250	D/062341-201	**730569**	1
3P+N	NH 1. Without rotary handle	250	D/062441-201	**730585**	1
3P+NF	NH 1 - Fixed neutral. Without rotary handle	250	D/062541-201	**730601**	1



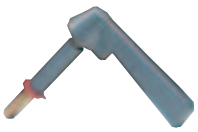
According to BS					
3P	BS B1-B2 (TC / TF Ø 33.7 - 690V). Without rotary handle	200	D/062342-221	**730823**	1
	BS B4 (GTMF Ø 40.4 - 415V). Without rotary handle	400	D/062342-222	**731931**	1
3P+N	BS B1-B2 (TC / TF Ø 33.7 - 690V). Without rotary handle	200	D/062442-221	**730835**	1
	BS B4 (GTMF Ø 40.4 - 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	400	D/062542-222	**731935**	1
	Fixed neutral				

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		

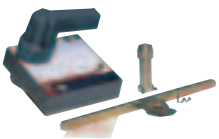
Handles for inner door

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		

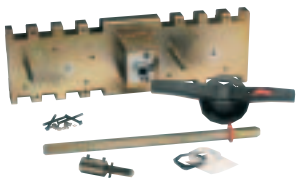
Changeover system (I-O-II)

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)

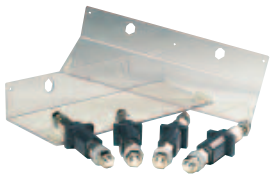
To be mounted inside

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		

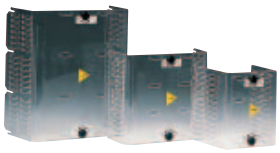


Rear connections with cover

D/062942-253	**730635**	1
Set of 3 pieces		
D/062942-254	**730636**	1
Set of 4 pieces		

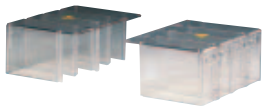
Fuse protection cover

D/062942-225	**730620**	1
3P		

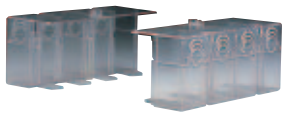


Terminal covers - 4P

D/062942-220	**730618**	1
Set of 2 long box terminal covers		



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

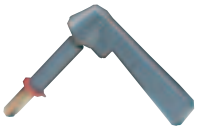
	Description	In (A)	Cat. no.	Ref. no.	Pack.
3P	NH 2. Without rotary handle	400	D/062351-201	**730572**	1
3P+N	NH 2. Without rotary handle	400	D/062451-201	**730588**	1
3P+NF	NH 2. Without rotary handle	400	D/062551-201	**730604**	1



According to BS

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

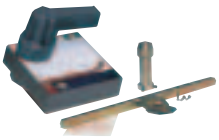
Accessories Fulos 2



Direct handles

D/062930-251	**731420**	1

Low grey



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



Handles for inner door

IP65 - Padlockable

D/062947-202	**731352**	1

Black, reduced height 55 mm

With extension shaft 300 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

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)

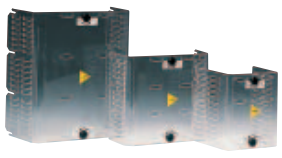
To be mounted inside

P9B10VN	**187002**	1

1P NO

P9B01VR	**187003**	1

1P NC



Fuse protection cover

D/062942-225	**730620**	1

3P

Changeover system (I-O-II)

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

Padlockable

D/062940-265	**730669**	1

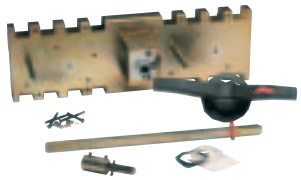
With handle IP54 - defeat

As above but with handle 55 mm height for inner door

D/062947-265	**731457**	1

With black handle IP65





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



Rear connections with cover

D/062942-253	**730635**	1

Set of 3 pieces

D/062942-254	**730636**	1

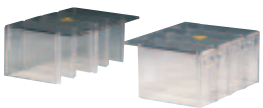
Set of 4 pieces



Terminal covers - 4P

D/062942-220	**730618**	1

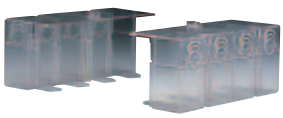
Set of 2 long box terminal covers



D/062942-226	**731461**	1

Set of 2 short box terminal covers

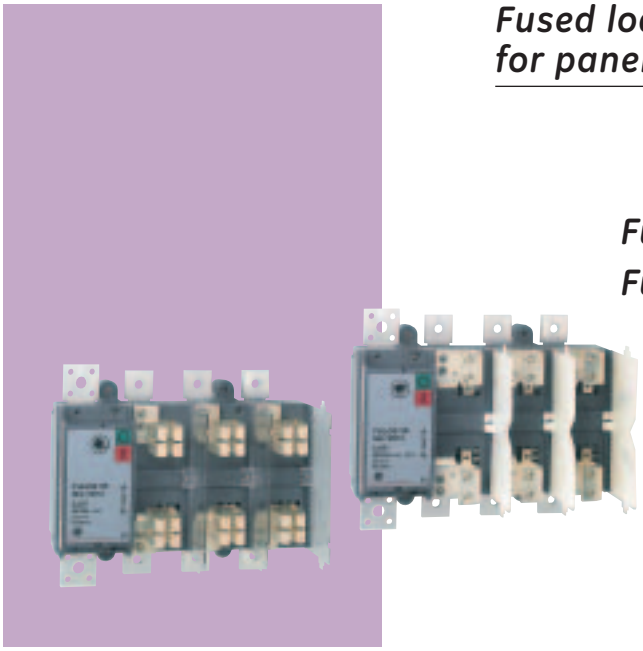
IP20 - sealable



D/062942-221	**730619**	1

Set of 2 connection bolt covers





Fused loadbreak disconnectors for panel mounting

Fulos 3S DIN - 630A
Fulos 3S BS - 630A



Applications



Approvals / Marking

KEMA KEUR CE

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

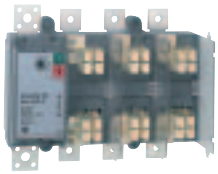
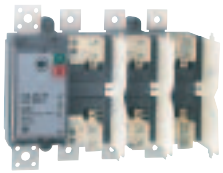
Technical data

	DIN 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

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

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

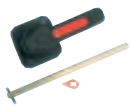
Accessories



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)

Covers - transparent

D/662962-223 | **731895** | 1

1 upper box terminal cover



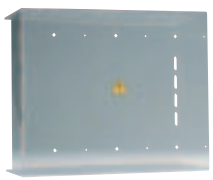
D/662962-224 | **731896** | 1

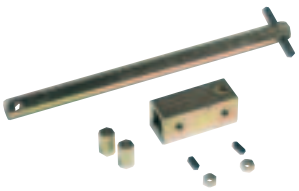
1 lower box terminal cover



D/662962-225 | **731897** | 1

Sealable fuse cover (3P)





Extension shaft

D/662960-200 | **731881** | 1

200 mm

Connection set

D/662972-229 | **731906** | 1

For fuse detection





Keylock

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

Plug-in, Fiat key (code H235)

Lockable in OFF

Key removable in OFF position

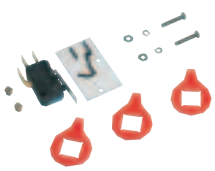
Auxiliary contacts (CO)

D/661971-201 | **731794** | 1

1NO+1NC

D/661971-202 | **731795** | 1

2NO+2NC





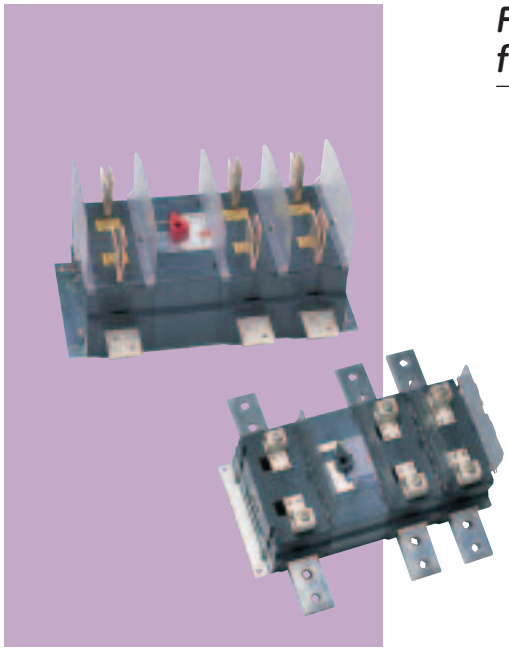
Padlock system

D/661960-245 | **731787** | 1

For direct handle



Technical data, see page B.16



Fused loadbreak disconnectors for panel mounting

Fulos 4 DIN - 800/1000A
Fulos 4 BS - 1250A



Applications



Approvals / Marking

KEMA KEUR CE

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

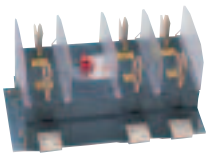
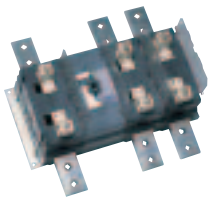
For disconnectors
IEC 60947-1 and IEC 60947-3, DIN VDE 0660 Teil 107,
DIN VDE 0113 Teil 1, BS EN 60947-3, CEI 17-11 (Fasc. 1039),
EN 60947-3, NBN EN 60947-3, NF C 63-130
For fuses
IEC 60269-2-1, BS 88 Part 2 1988, DIN VDE 0636 Teil 1,
NF EN 60269-1, NF C 63-211, NF C 63-210

Technical data

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

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

Fulos 4 - Fused loadbreak disconnectors

		Description	In (A)	Cat. no.	Ref. no.	Pack.
According to DIN						
	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						
	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

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

Fuse protection cover

D/062972-225 | **730869** | 1

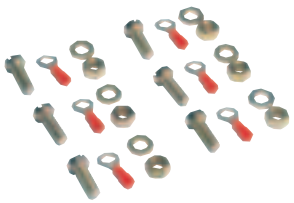
Transparent (1 pole)



Connection set

D/662972-229 | **731906** | 1

For fuse detection



Auxiliary contacts (CO)

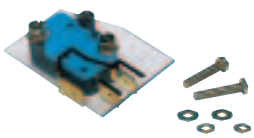
D/062961-201 | **730860** | 1

1NO+1NC

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

2NO+2NC

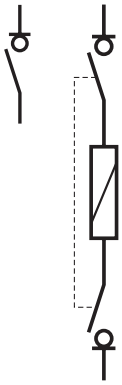
Technical data, see page B.16





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

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



Applications



Approvals / Marking

KEMA KEUR CE

Performance

Panel mounting
Safety disconnector (main disconnector)
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.

Technical data ● pg. C.4/C.6
Dimensions ● pg. E.10/E.11

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

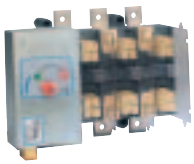
	Description	Coil voltage (V)	In (A)	Cat. no.	Ref. no.	Pack.
3P	With door interlock handle IP65 and transparent main contact cover shield	230Vac	1600	D/661371-273	**731621**	1
4P	With door interlock handle IP65 and transparent main contact cover shield	230Vac	1600	D/661471-273	**731709**	1

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	With door interlock handle IP65 and transparant main contact cover shield					
3P	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

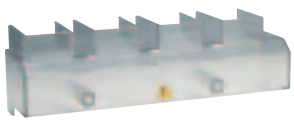
D/662962-223 | **731895** | 1

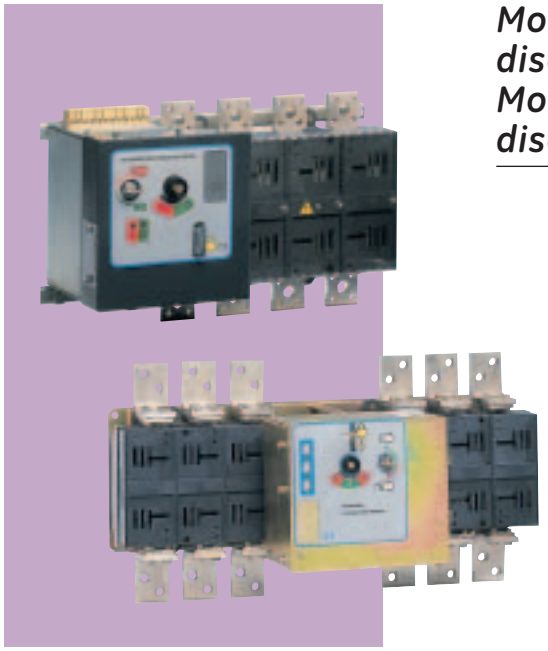
1 upper box terminal cover for Dilos 6S and Fulos 3S



D/662962-224 | **731896** | 1

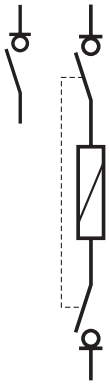
1 lower box terminal cover for Dilos 6S and Fulos 3S





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

KEMA KEUR CE

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
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

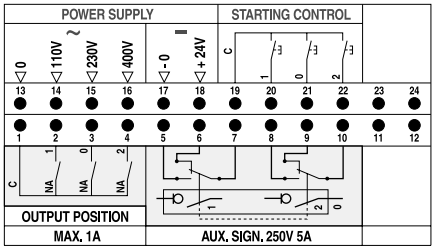
Voltage	*24Vdc*	*60Vdc*	*230Vac*	*220/380Vac*
Start	120VA	135VA	80W	35W
Nominal	70VA	78VA	20W	24W

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

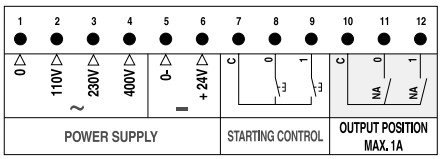


Terminal board diagram

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-0-II) or 0-I for the disconnector
- auxiliary changeover signal contacts

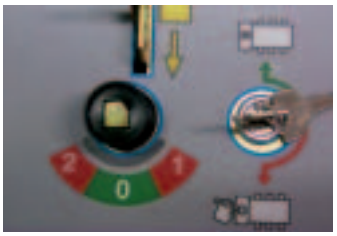


CO-MO diagram

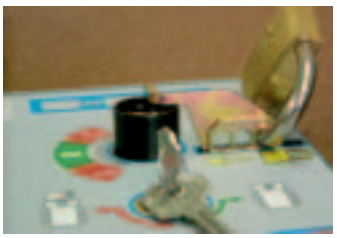


MO diagram

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-0-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**	
4P	With transparent main contact cover shield and spare handle	2000	D/661482-281	**731723**	1
		2500	D/661485-281	**731729**	

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					
3P	BS C1-C2 (TM / 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 (TM / 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

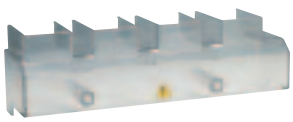
D/662962-223 **731895** 1

1 upper box terminal cover

Terminal cover - transparent

D/662962-224 **731896** 1

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

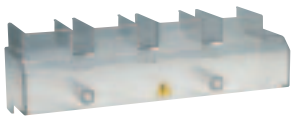
D/662962-223	**731895**	1

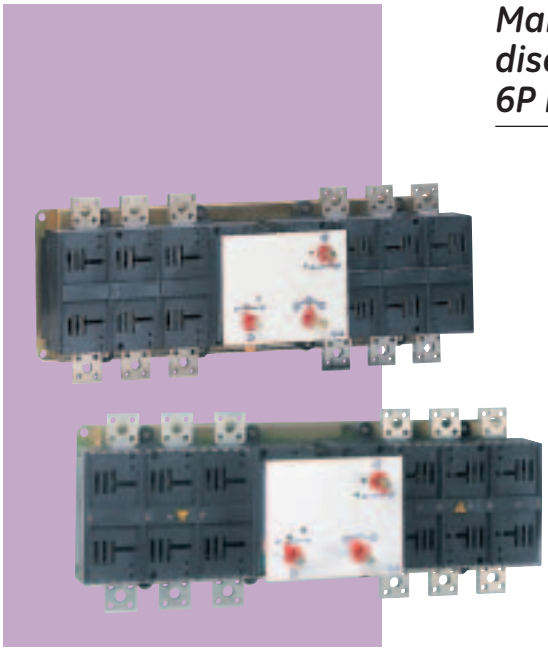
1 upper box terminal cover

Terminal cover - transparent

D/662962-224	**731896**	1

1 lower box terminal cover





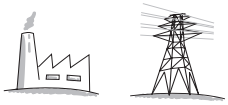
Manual changeover loadbreak disconnectors - 50kA
6P loadbreak disconnectors - 35kA

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

KEMA KEUR CE

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

Technical data ● pg. C.2
Dimensions ● pg. E.18/E.20

CO-Dilos 6S - Changeover loadbreak disconnectors



	Description	In (A)	Cat. no.	Ref. no.	Pack.
3P	With transparent main contact cover shield and door interlock handle - IP65	800	D/661365-255	**731572**	1
		1000	D/661366-255	**731586**	1
		1250	D/661367-255	**731602**	1
4P	With transparent main contact cover shield and door interlock handle - IP65	800	D/661465-255	**731665**	1
		1000	D/661466-255	**731679**	1
		1250	D/661467-255	**731693**	1

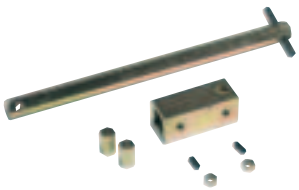
CO-Dilos 7S - Changeover loadbreak disconnectors

	Description	In (A)	Cat. no.	Ref. no.	Pack.
3P	With transparent main contact cover shield and door interlock handle - IP65	1600	D/661371-255	**731619**	1
4P	With transparent main contact cover shield and door interlock handle - IP65	1600	D/661471-255	**731707**	1

CO-Dilos 8S - Changeover loadbreak disconnectors

	Description	In (A)	Cat. no.	Ref. no.	Pack.
3P	With transparent main contact cover shield and door interlock handle - IP65	2000	D/661382-255	**731635**	1
		2500	D/661385-255	**731647**	1
3P+N 50%	With transparent main contact cover shield and door interlock handle - IP65	2000	D/661782-255	**731755**	1
		2500	D/661785-255	**731762**	1

Accessories



Extension shaft

D/662960-200	**731881**	1

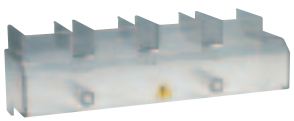
200 mm



Terminal covers - transparent

D/662962-223	**731895**	1

1 upper box terminal cover for Dilos 6S



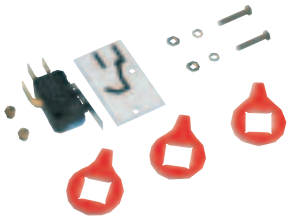
D/662962-224	**731896**	1

1 lower box terminal cover for Dilos 6S

Auxiliary contacts (CO)

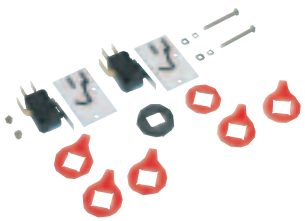
D/661971-201	**731794**	1

1NO+1NC



D/661971-202	**731795**	1

2NO+2NC



Technical data, see page B.16

6P Dilos 6S - Loadbreak disconnectors



	Description	In (A)	Cat. no.	Ref. no.	Pack.
6P	With transparent main contact cover shield and door interlock handle - IP65	800	D/661665-231	**731745**	1
		1000	D/661666-231	**731747**	1
		1250	D/661667-231	**731749**	1

Accessories



Keylock

D/062960-240 **730857** 1

Plug-in, Fiat key (code H235)

Lockable in OFF position

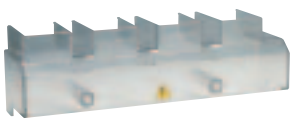
Key removable in OFF position



Terminal covers - transparent

D/662962-223 **731895** 1

1 upper box terminal cover



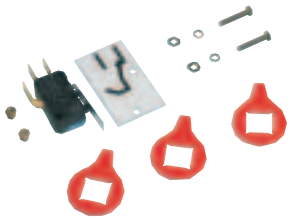
D/662962-224 **731896** 1

1 lower box terminal cover

Auxiliary contacts (CO)

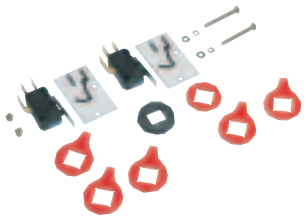
D/661971-201 **731794** 1

1NO+1NC



D/661971-202 **731795** 1

2NO+2NC



Technical data, see page B.16

Benefits A
Order codes B
Technical data C

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

Installation facilities D
Dimensions E
Numerical Index X

Dilos - Loadbreak disconnectors for DIN-rail mounting

			Dilos 00	Dilos 00	Dilos 00	Dilos 00	Dilos 0
Conventional enclosed thermal current Ithe = Ith		(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	Ue=400V	(A)	16	25	32	40	32
AC21A	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	Ue=400V	(A)	16	25	32	40	32
AC22A	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	Ue=400V	(A)	16	25	32	40	32
AC23A	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	Ue=400V	(kW)	7.5	7.5	11	11	17
at rated duty AC23	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	making 10 x Ie	(A)	160	250	320	400	320
at 415V AC23A	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	400V	(kA)	50	50	50	50	15
with back-up protection featuring the	415V	(kA)	50	50	50	50	15
same current rating as the switch (kA rms)	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

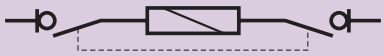
Dilos 0	Dilos 0	Dilos 1	Dilos 1	Dilos 1	Dilos 1	Dilos 1	Dilos 2	Dilos 2
40	**63**	**40**	**63**	**80**	**100**	**125**	**160**	**200**
2/3/4	2/3/4	2/3/4	2/3/4	2/3/4	2/3/4	2/3/4	2/3/4	2/3/4
50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
40	63	40	63	80	100	125	160	200
40	63	40	63	80	100	125	160	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 - Loadbreak disconnectors for wall mounting

			Dilos 1H	Dilos 1H	Dilos 1H	Dilos 3	Dilos 3	Dilos 3
Conventional enclosed thermal current Ithe = Ith		(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	Ue=415V	(A)	40	63	125	160	200	250
AC21B from 315A	Ue=500V	(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	Ue=415V	(A)	40	63	125	160	200	250
AC22B from 315A	Ue=500V	(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	Ue=415V	(A)	40	63	125	160	200	250
AC23B from 315A	Ue=500V	(A)	40	63	125	160	200	250
	Ue=690V	(A)	40	50	50	160	200	250
Maximum rated operational power	Ue=400V	(kW)	21	30	69	88	88	135
at rated duty AC23	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	making 10 x Ie	(A)	400	630	1250	1600	2000	2500
at 500Vac 23A	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	400V	(kA)	50	50	50	100	100	100
with back-up protection featuring the	415V	(kA)	50	50	50	100	100	100
same current rating as the switch (kA ms)	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	630	800	800	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

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 Ith		(A)	**100**	**32**	**63**	**125**	**160**	**250**
Conventional enclosed thermal current Ithe		(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 Ue		(V)	690	690	690	690	690	690
Rated insulation voltage Uimp		(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(1)	Ue=400V	(A)	125	32	63	125	160	250
AC21A up to 250A	Ue=415V	(A)	125	32	63	125	160	250
AC21B from 315A	Ue=500V	(A)	125	32	63	125	160	250
	Ue=690V	(A)	125	32	63	125	160	250
Rated operational current Ie(1)	Ue=400V	(A)	125	32	63	125	160	250
AC22A up to 250A	Ue=415V	(A)	125	32	63	125	160	250
AC22B from 315A	Ue=500V	(A)	125	32	63	125	160	250
	Ue=690V	(A)	125	32	63	125	160	250
Rated operational current Ie(1)	Ue=400V	(A)	125	32	63	125	160	250
AC23A up to 250A	Ue=415V	(A)	125	32	63	125	160	250
AC23B from 315A	Ue=500V	(A)	100	32	63	125	160	250
	Ue=690V	(A)	80	32	50	50	125	250
Maximum rated operational power	Ue=400V	(kW)	69	16	30	69	88	135
at rated duty AC23	Ue=415V	(kW)	72	18	33	72	92	140
	Ue=500V	(kW)	86	23	44	86	110	175
	Ue=690V	(kW)	45	29	45	45	115	238
Rated making and breaking capacity	making	(A)	1000	1000	1000	1000	1600	2500
at 500V AC23A	breaking	(A)	800	800	800	800	1280	2000
Rated conditional short-circuit current	400V	(kA)	100	50	50	100	100	100
with back-up protection featuring the	415V	(kA)	100	50	50	100	100	100
same current rating as the switch (kA rms)	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
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

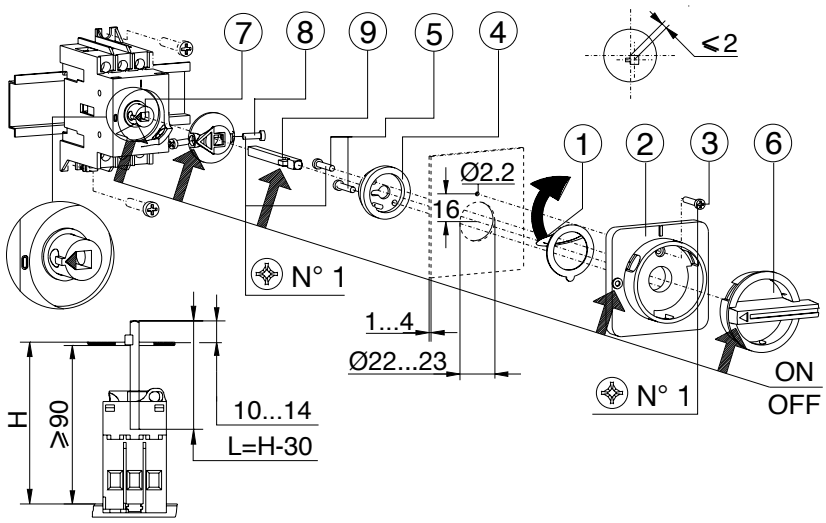
Just rel

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

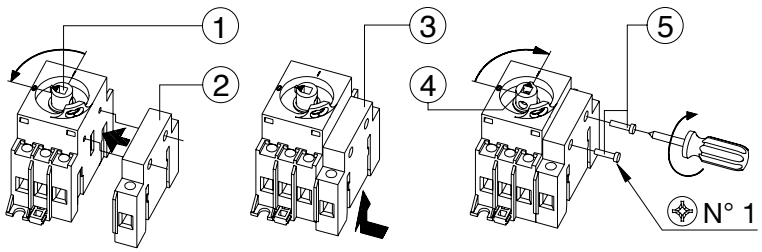
D.2 Dilos 00 for DIN-rail mounting
D.3 Dilos 00 for door mounting
D.4 Dilos 0 - Dilos 1 - Dilos 2
D.5 Dilos 2 - Dilos 3 - Dilos 4 / Fulos 00 - Fulos 1 - Fulos 2

Dilos 00 for DIN-rail mounting

Rotary handle for door mounting and padlockable - IP65

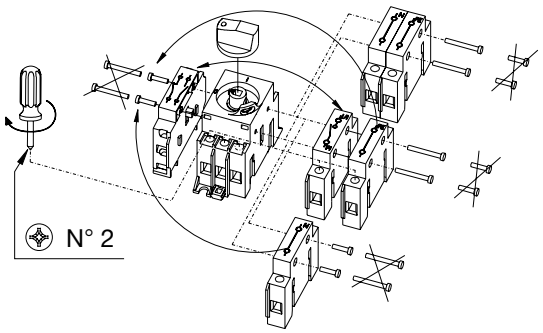


Mounting of modules on the side of the switch



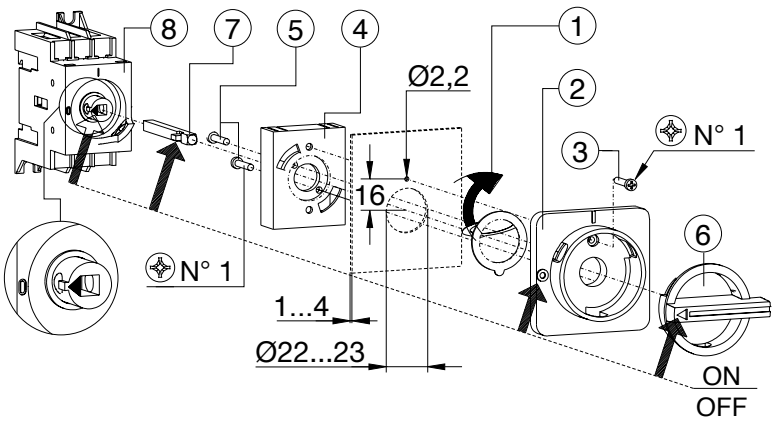
Left mounting: same steps

Mounting of additional poles and auxiliary contacts

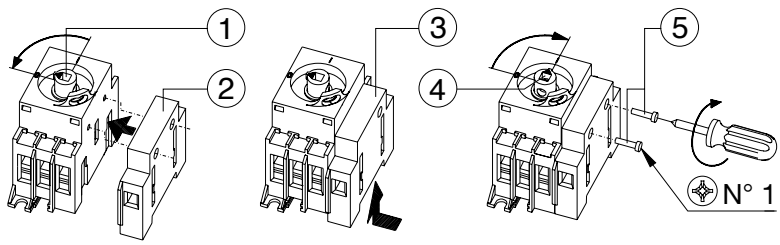


Dilos 00 for door mounting

Rotary handle for door mounting and padlockable

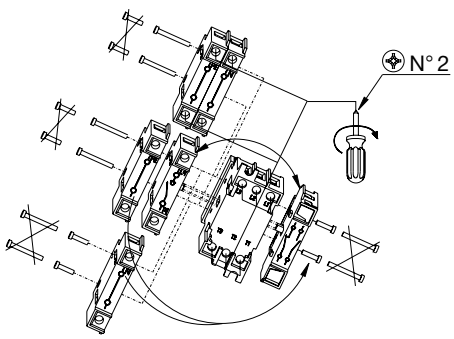


Mounting of modules on the side of the switch



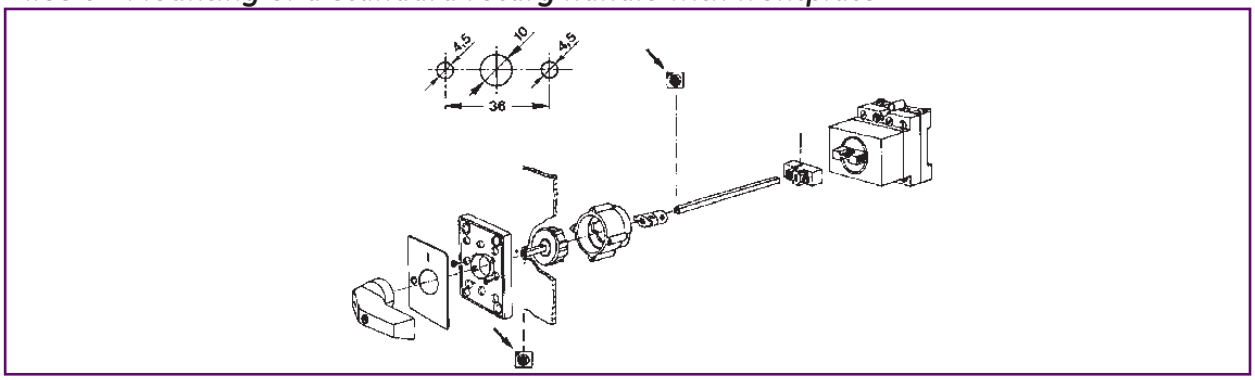
Left mounting: same steps

Mounting of additional poles and auxiliary contacts

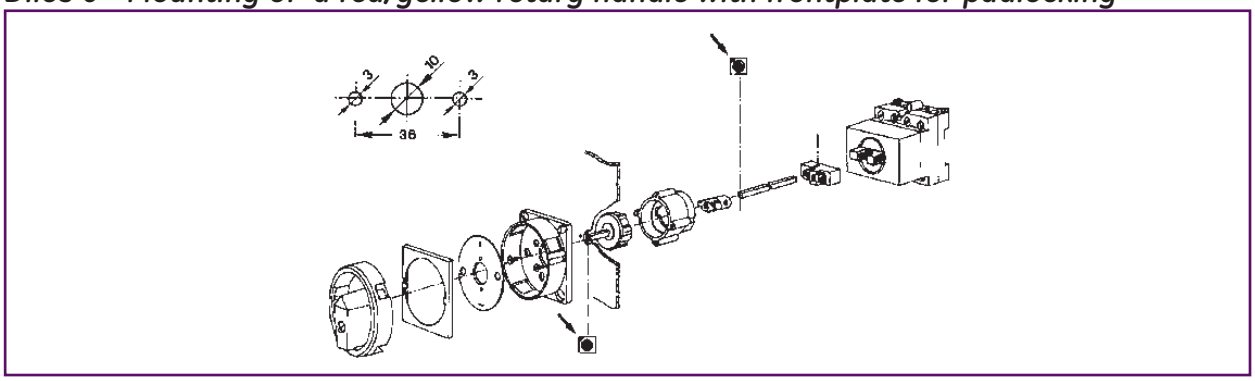


Installation facilities

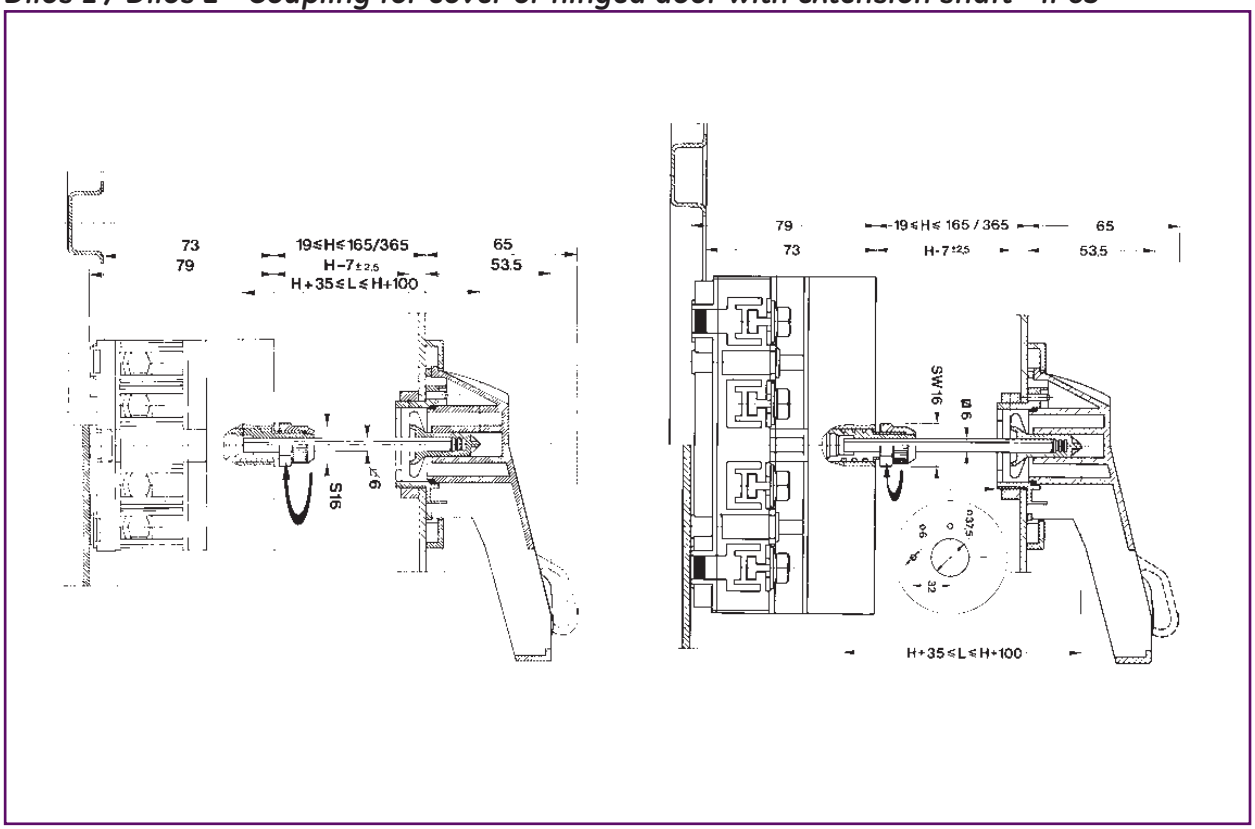
Dilos 0 - Mounting of a standard rotary handle with frontplate



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

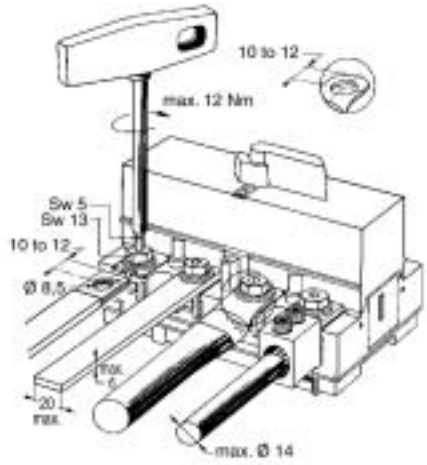


Dilos 1 / Dilos 2 - Coupling for cover or hinged door with extension shaft - IP65

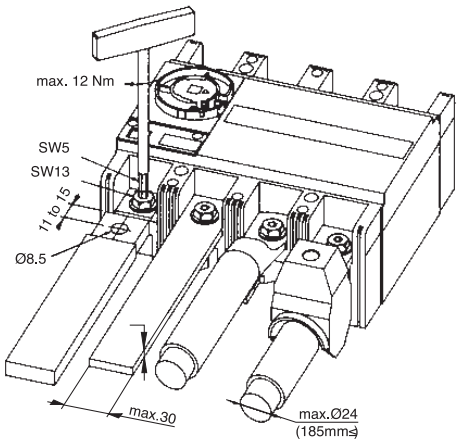


Installation facilities

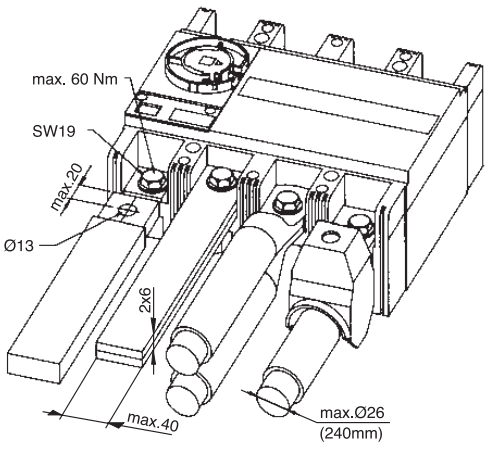
Dilos 2



Dilos 3 / Fulos 00



Dilos 4 / Fulos 1 / Fulos 2



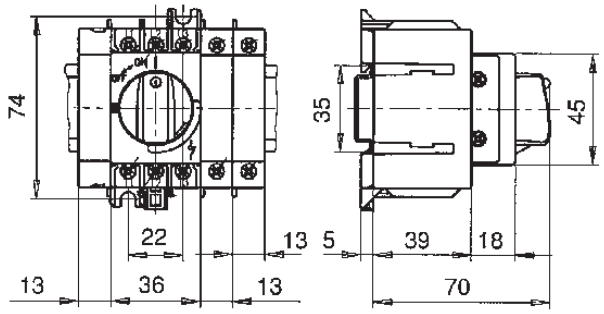
Notes

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

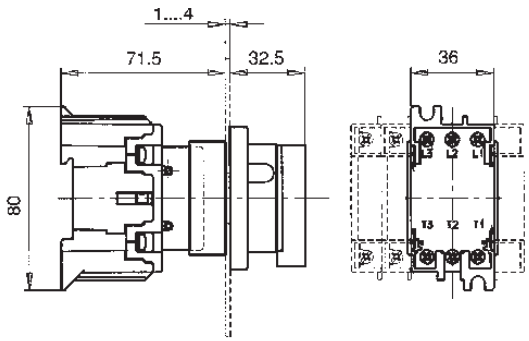
E.20 6P Dilos 6S
E.21 Changeover system - 6/8P system - Dilos 1H / Fulos 000
E.22 Changeover system - Dilos 3 / Fulos 00
E.23 6/8P system - Dilos 3 / Fulos 00
E.24 Changeover system - Dilos 4 / Fulos 1/2
E.25 Rear terminals - Dilos 3/4 - Fulos 00/1/2
E.25 Terminal covers - Dilos 3/4 - Fulos 00/1/2
E.26 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

Dimensions

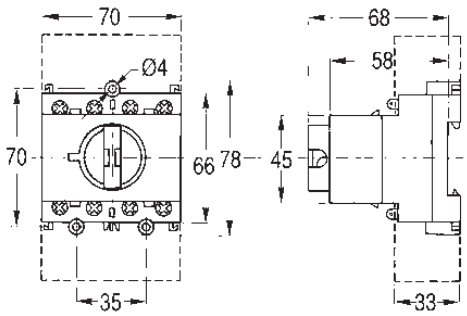
Dilos 00 - DIN-rail disconnectors



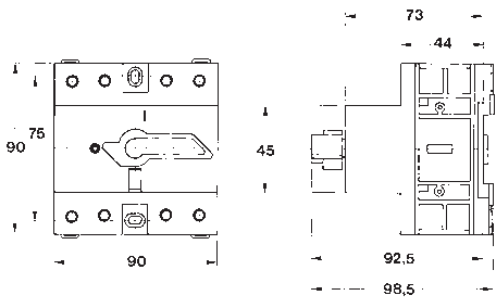
Dilos 00 - Disconnectors for door mounting



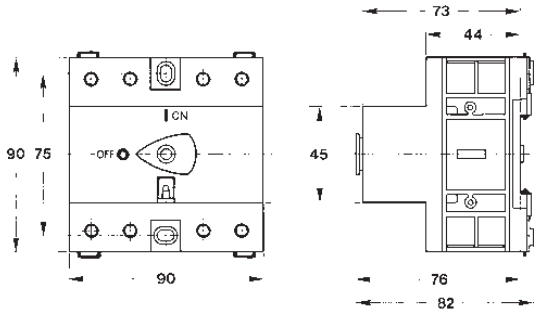
Dilos 0



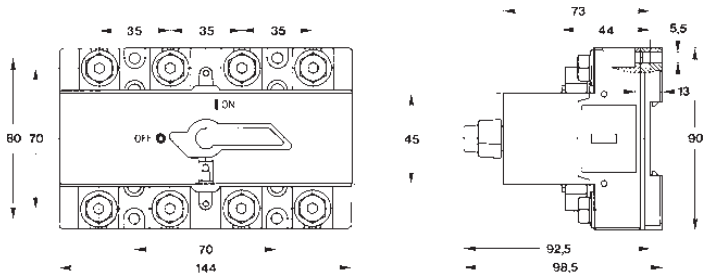
Dilos 1



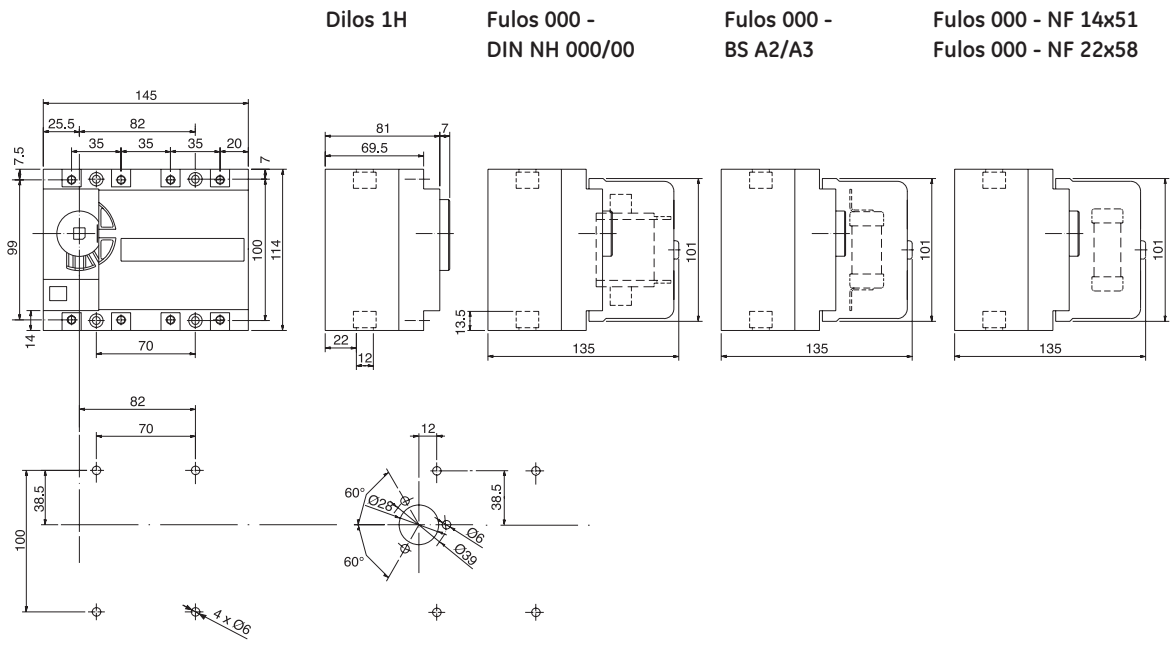
Elos



Dilos 2

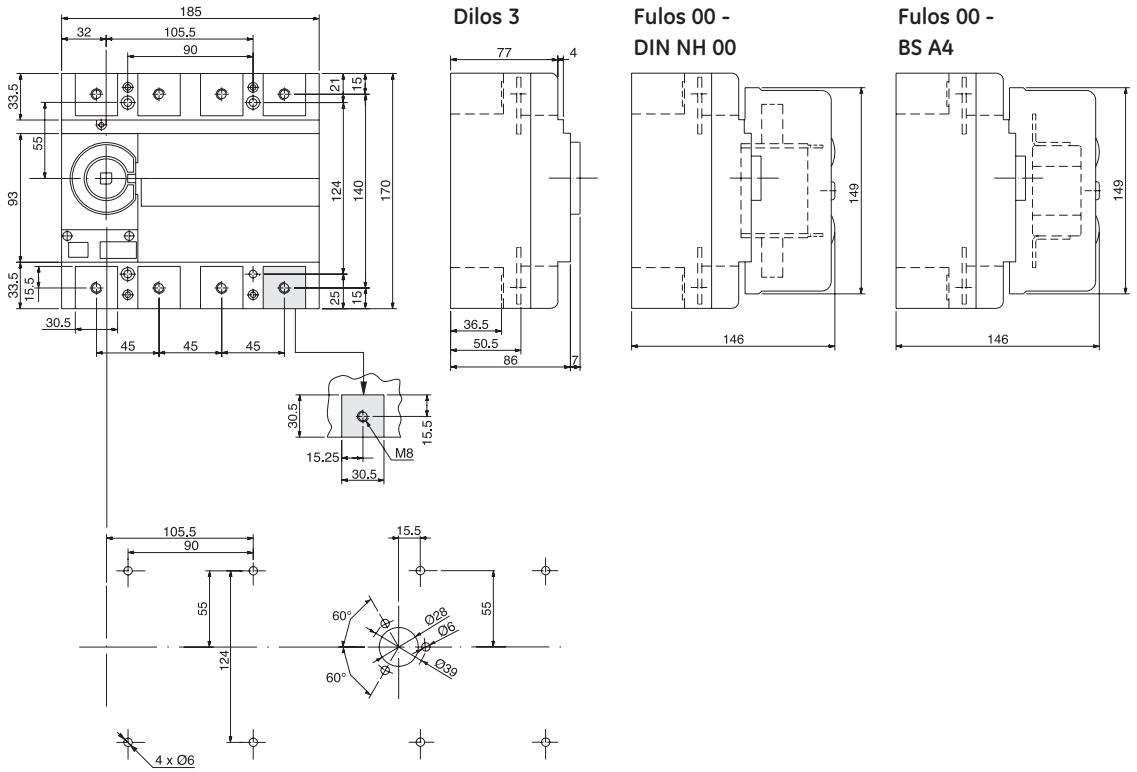


Dilos 1H / Fulos 000

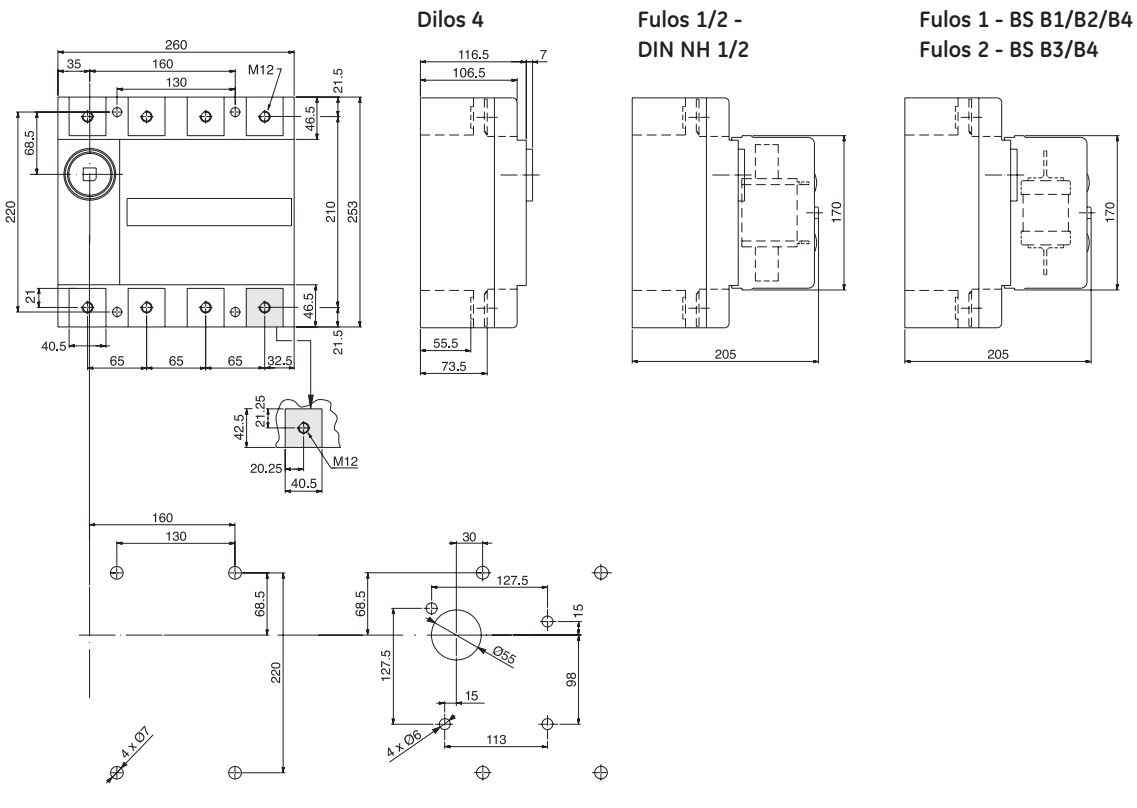


Dimensions

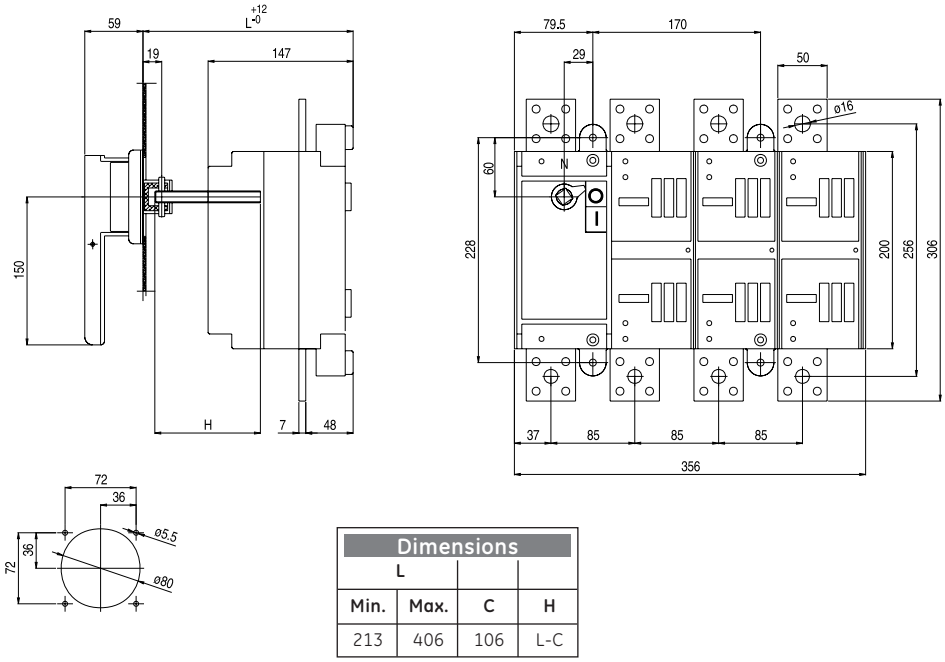
Dilos 3 / Fulos 00



Dilos 4 / Fulos 1 / Fulos 2

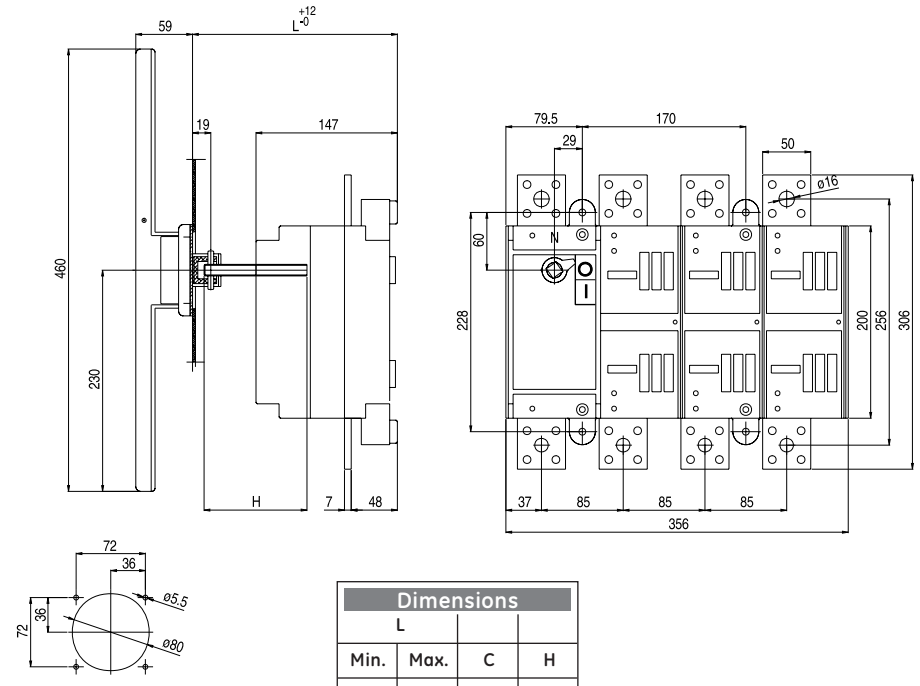


Dilos 6S - 35kA



Dimensions			
L			
Min.	Max.	C	H
213	406	106	L-C

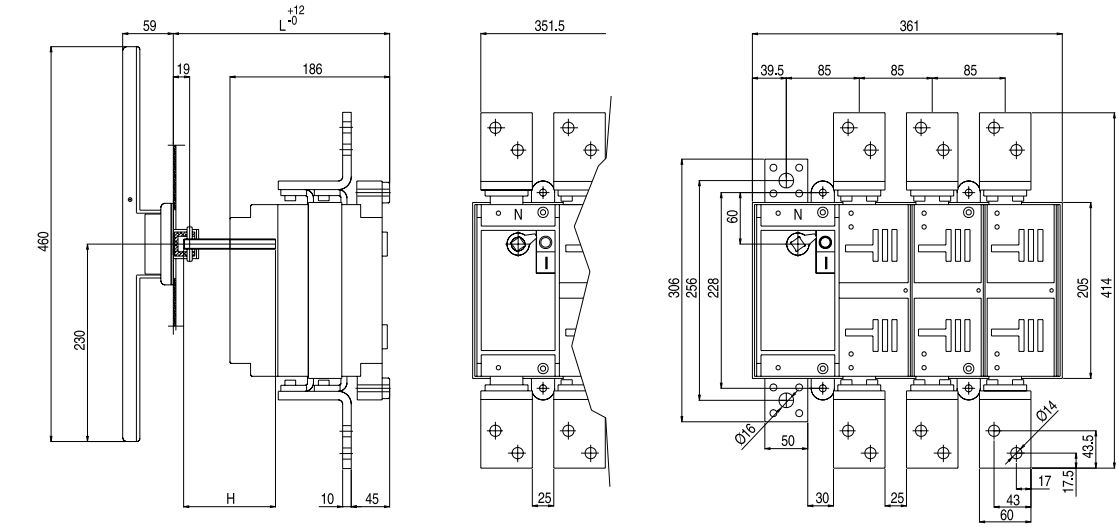
Dilos 6S - 50kA



Dimensions			
L			
Min.	Max.	C	H
213	406	106	L-C

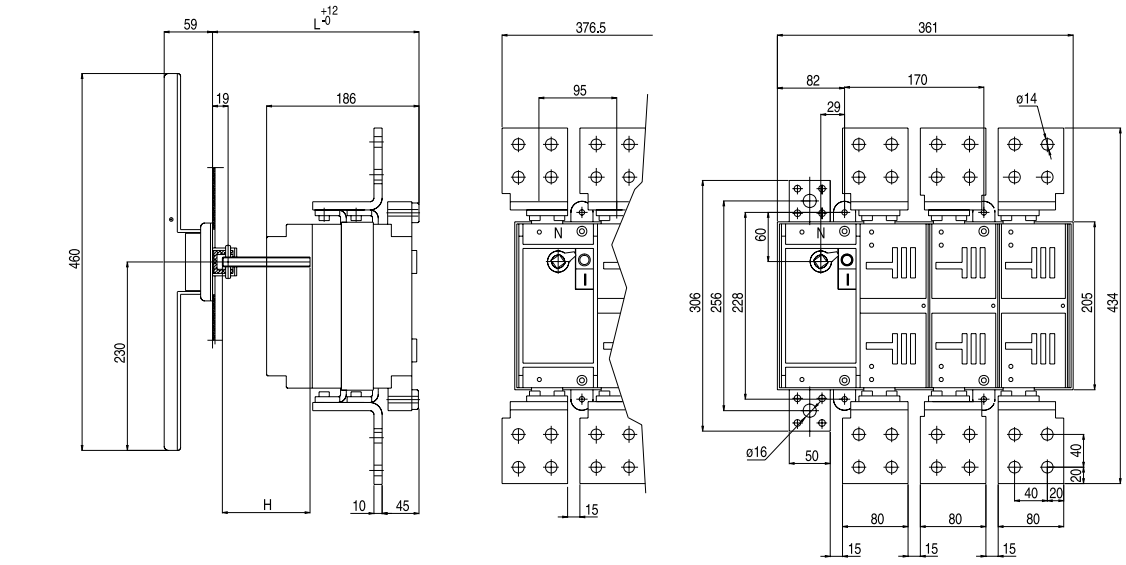
Dimensions

Dilos 7S



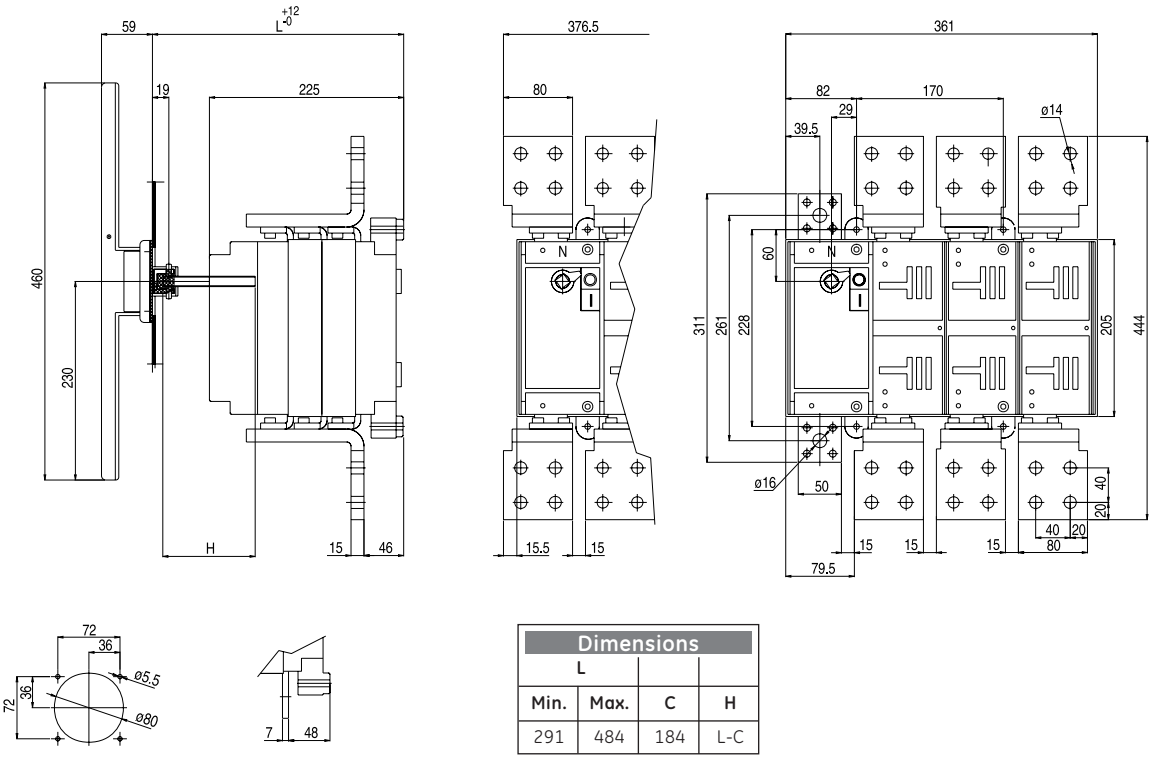
Dimensions			
L			
Min.	Max.	C	H
252	445	145	L-C

Dilos 8S - 2000A



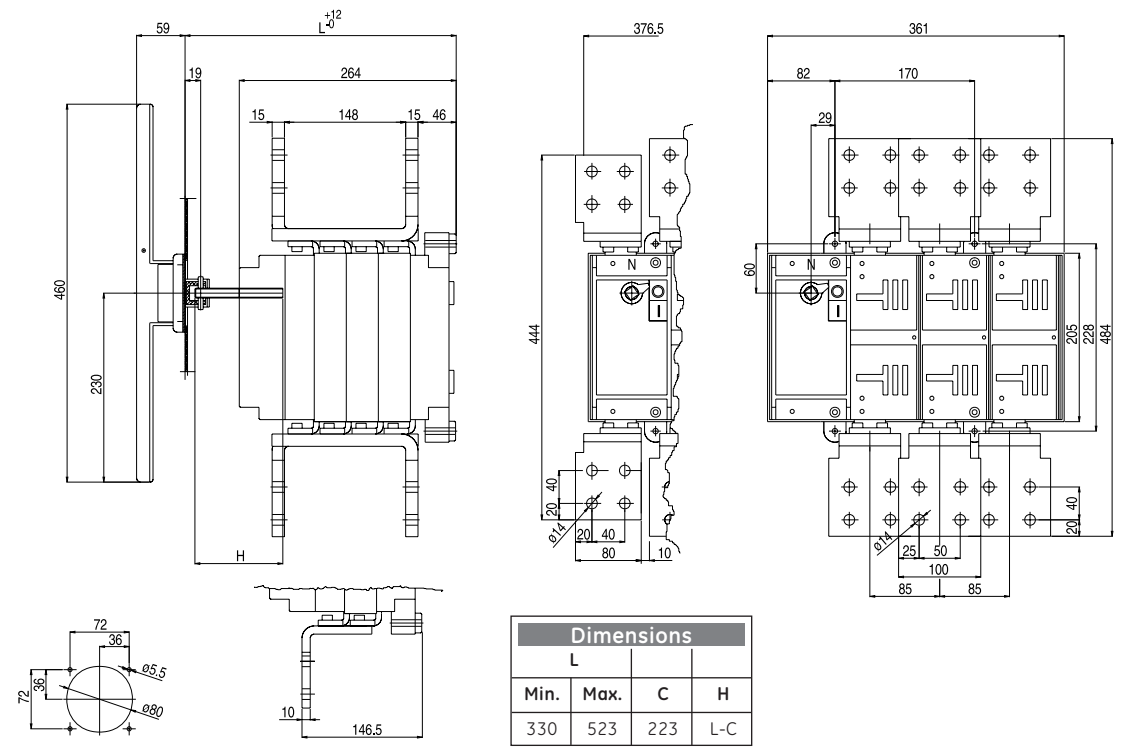
Dimensions			
L			
Min.	Max.	C	H
252	445	145	L-C

Dilos 8S - 2500A



Dimensions			
L			
Min.	Max.	C	H
291	484	184	L-C

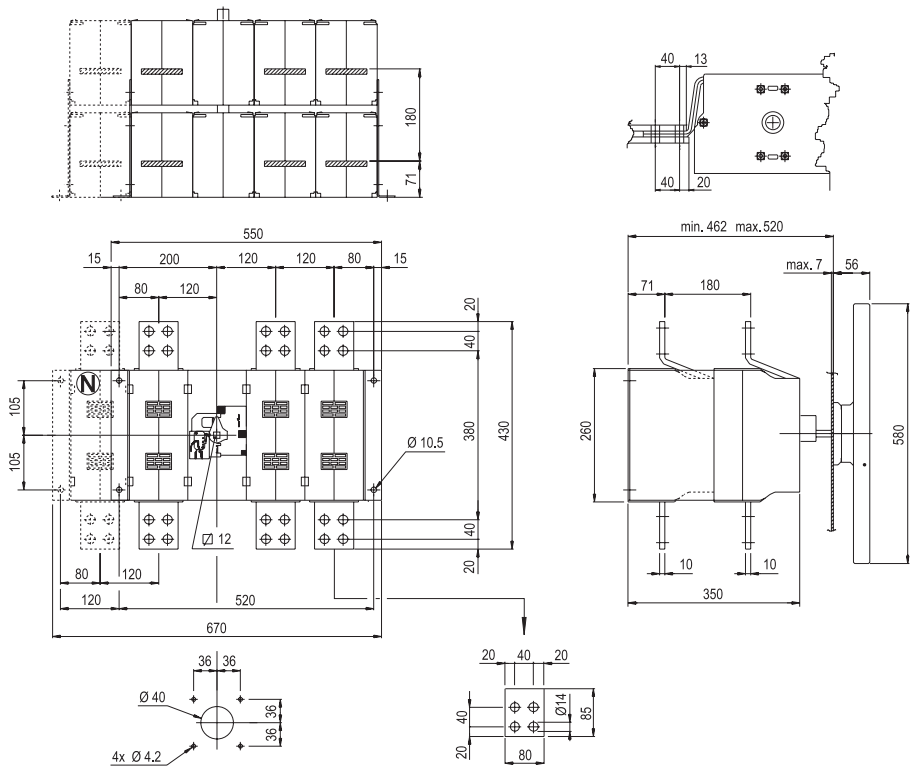
Dilos 9S



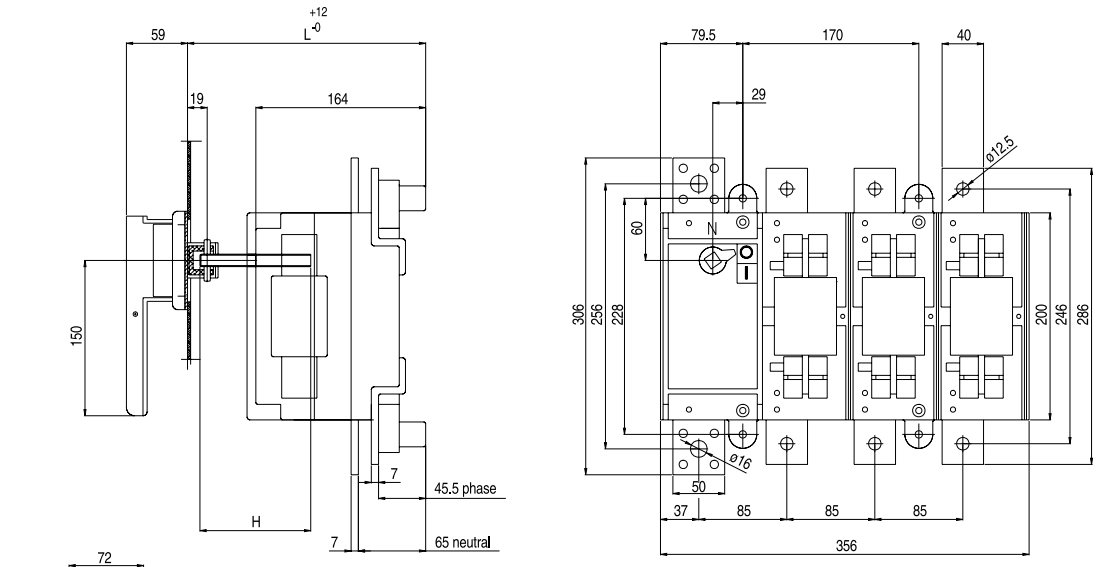
Dimensions			
L			
Min.	Max.	C	H
330	523	223	L-C

Dimensions

Dilos 9

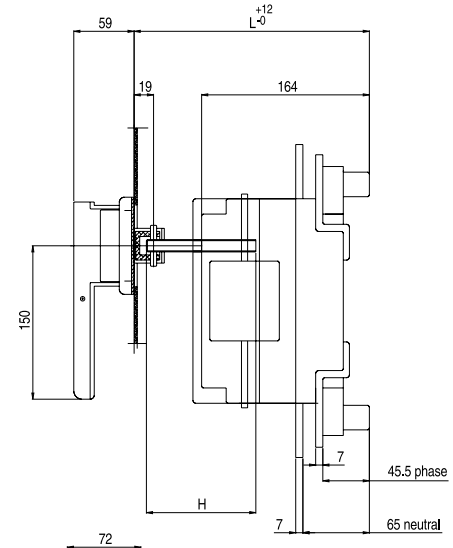


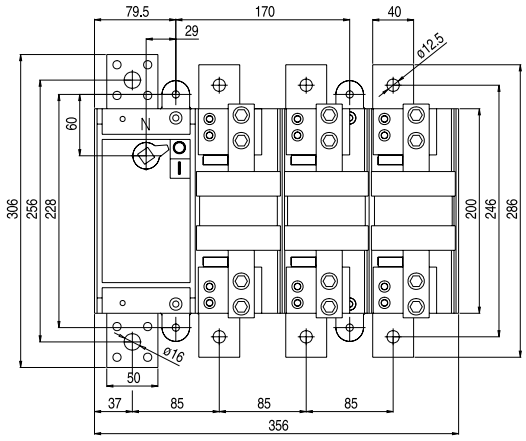
Fulos 3S - DIN NH 3



Dimensions			
L			
Min.	Max.	C	H
230	423	123	L-C

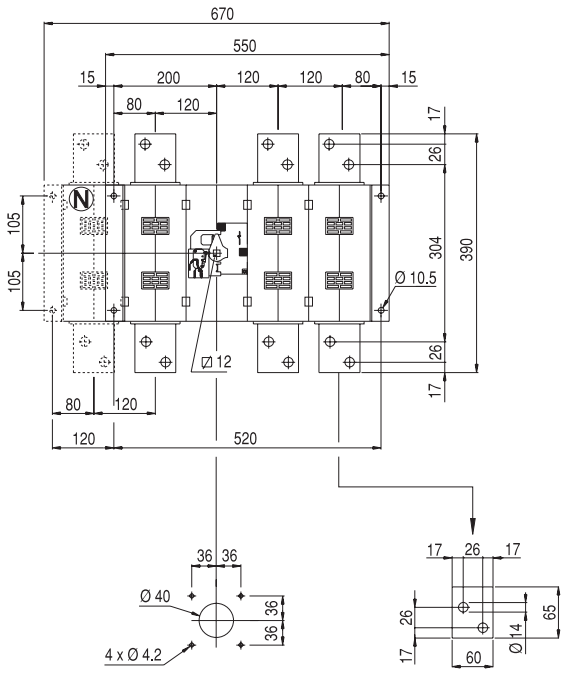
Fulos 3S - BS

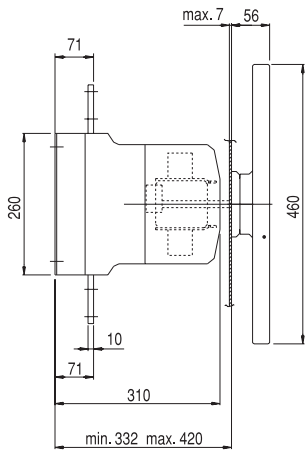




Dimensions			
L			
Min.	Max.	C	H
230	423	123	L-C

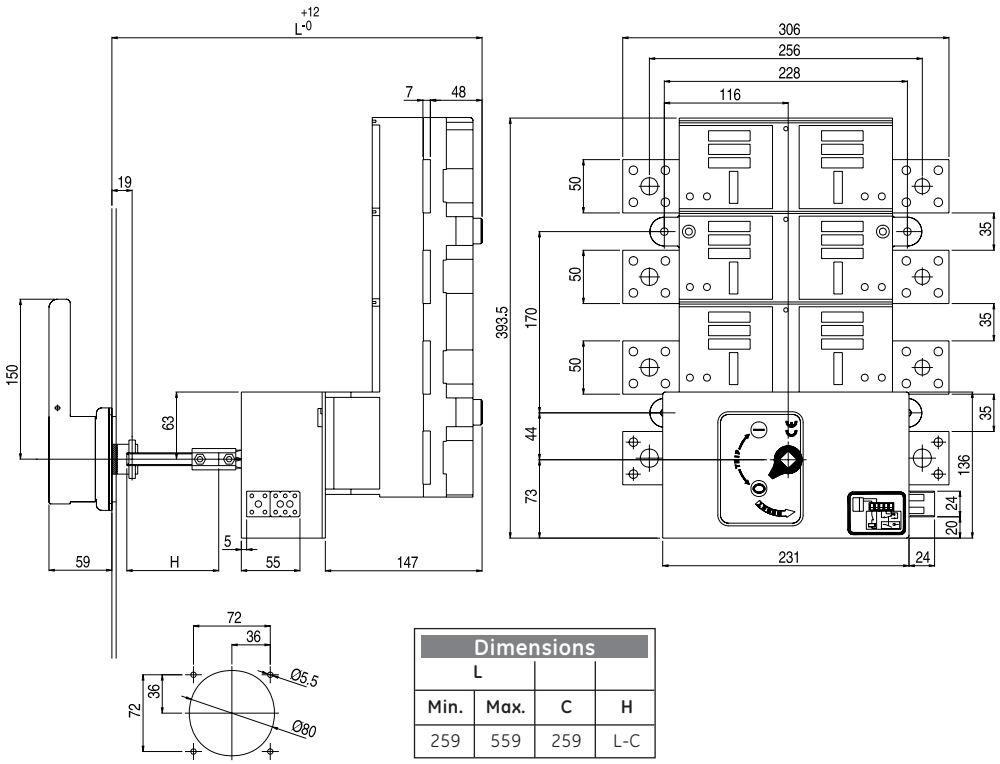
Fulos 4 - DIN NH 4 / Fulos 4 - BS D1





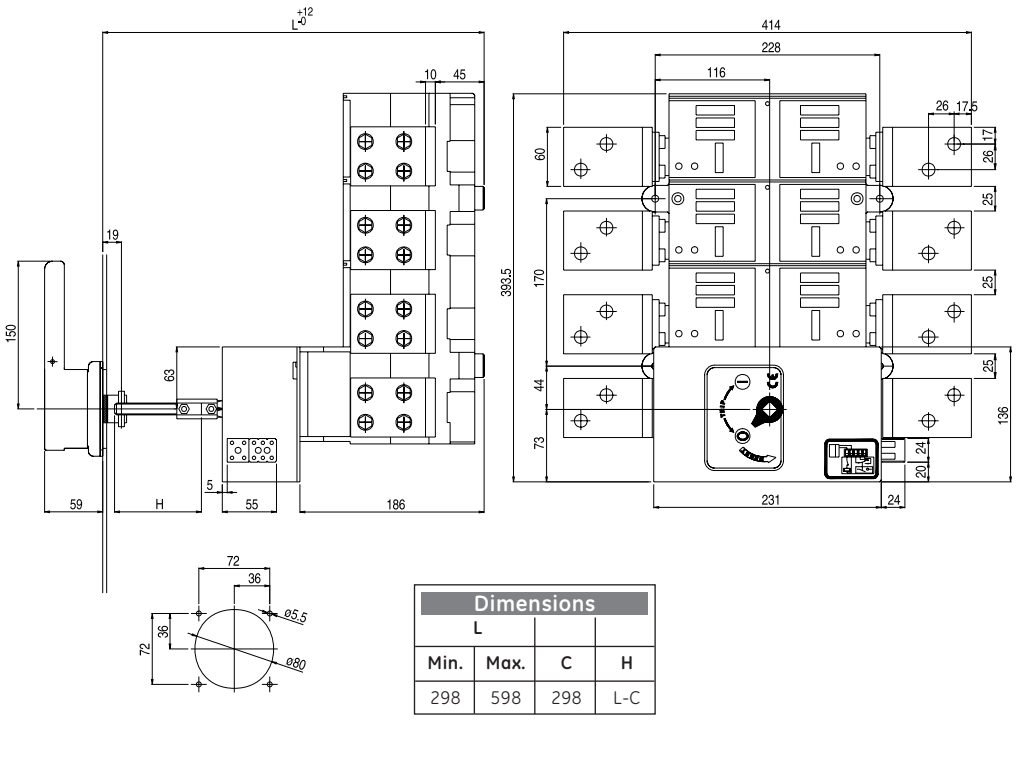
Dimensions

Dilos 6S BA



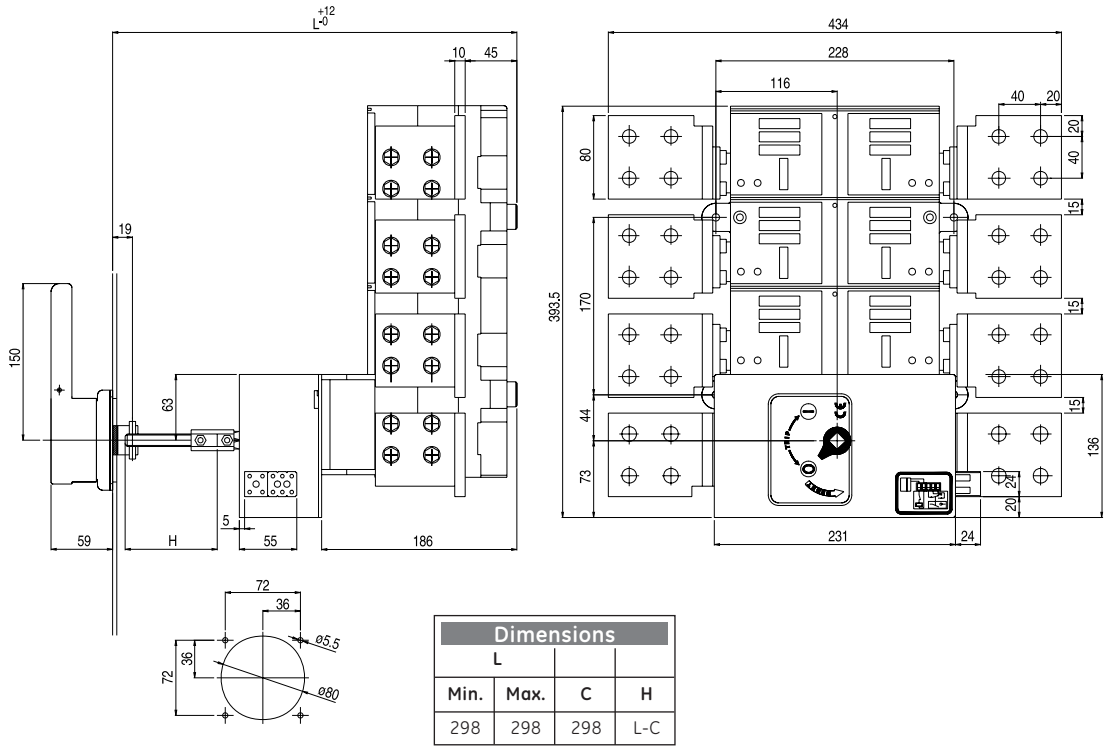
Dimensions			
L			
Min.	Max.	C	H
259	559	259	L-C

Dilos 7S BA



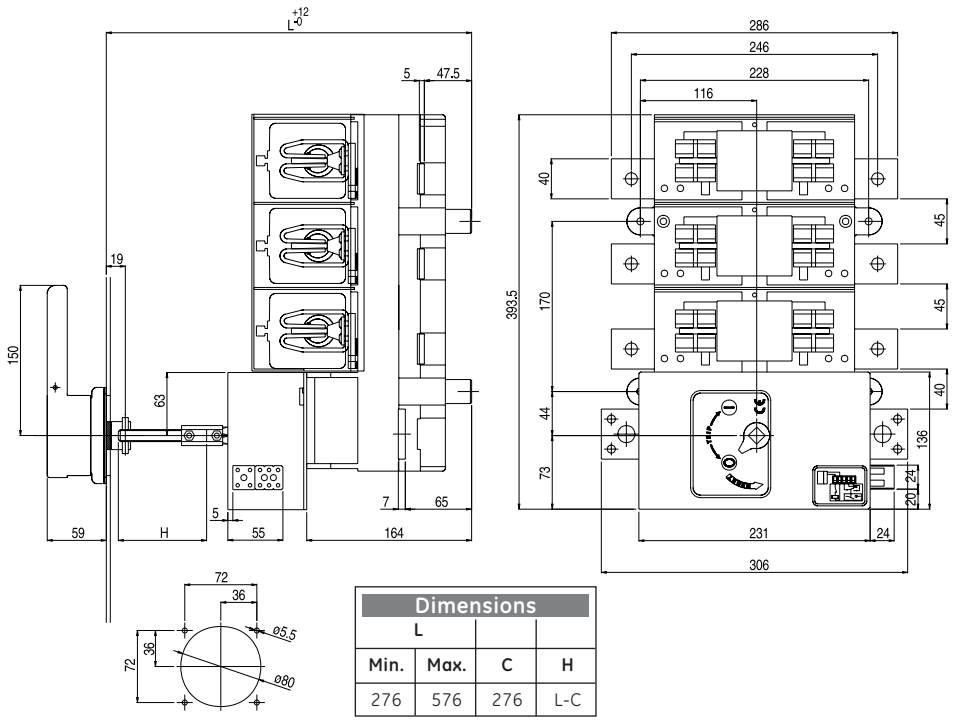
Dimensions			
L			
Min.	Max.	C	H
298	598	298	L-C

Dilos 8S BA



Dimensions			
L			
Min.	Max.	C	H
298	298	298	L-C

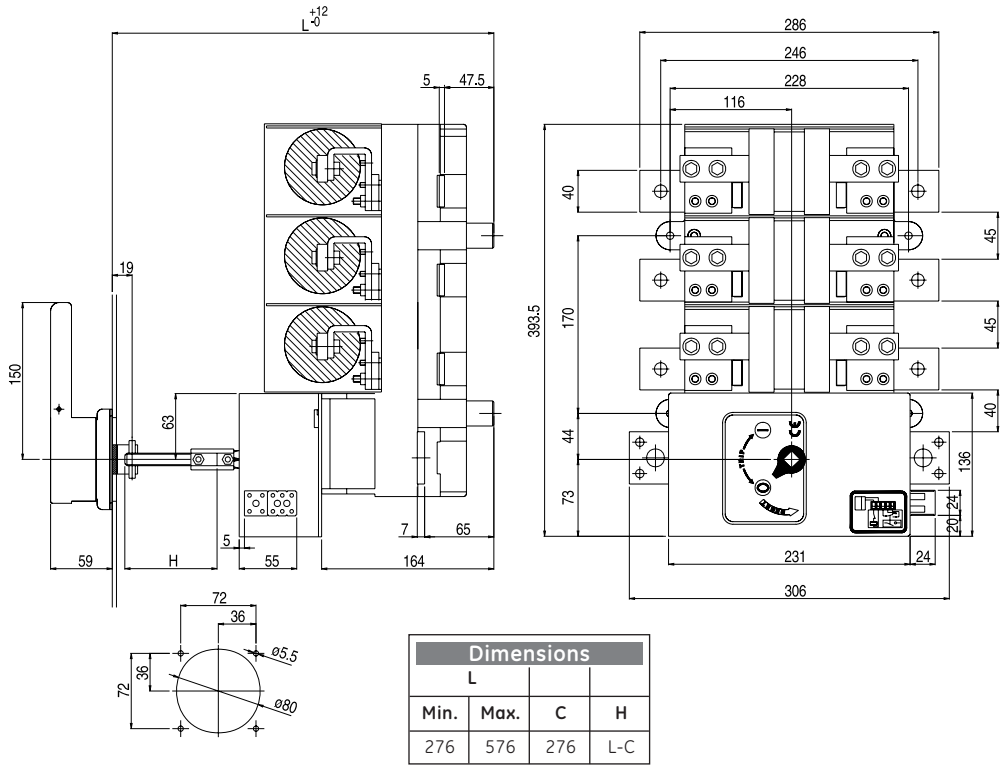
Fulos 3S BA - DIN NH3



Dimensions			
L			
Min.	Max.	C	H
276	576	276	L-C

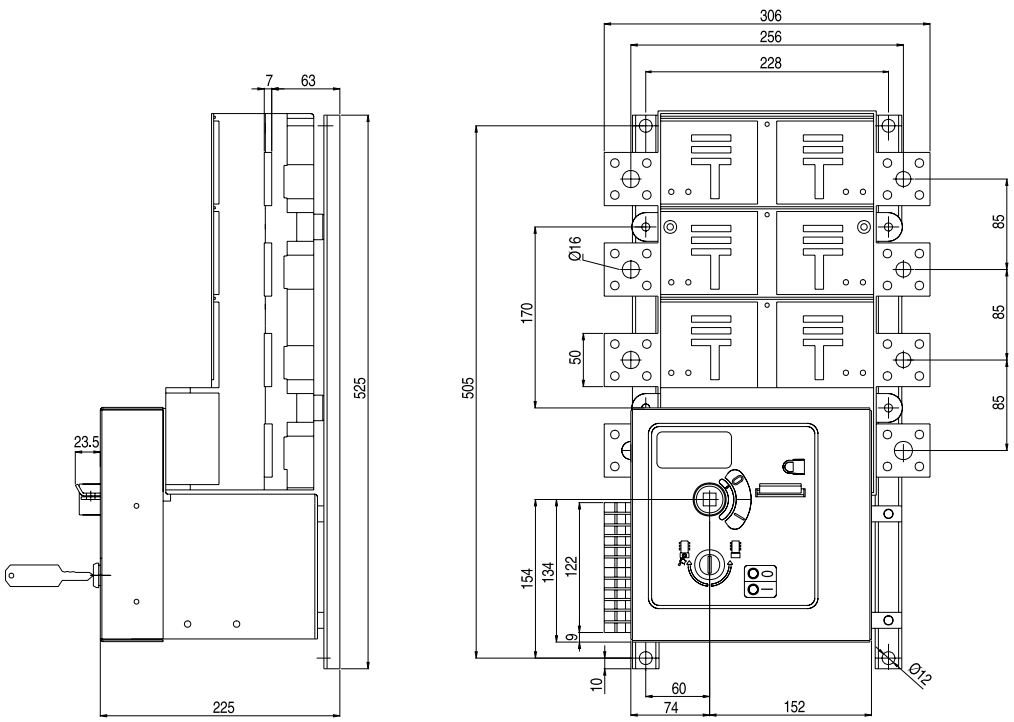
Dimensions

Fulos 3S BA - BS C1/C2/C3

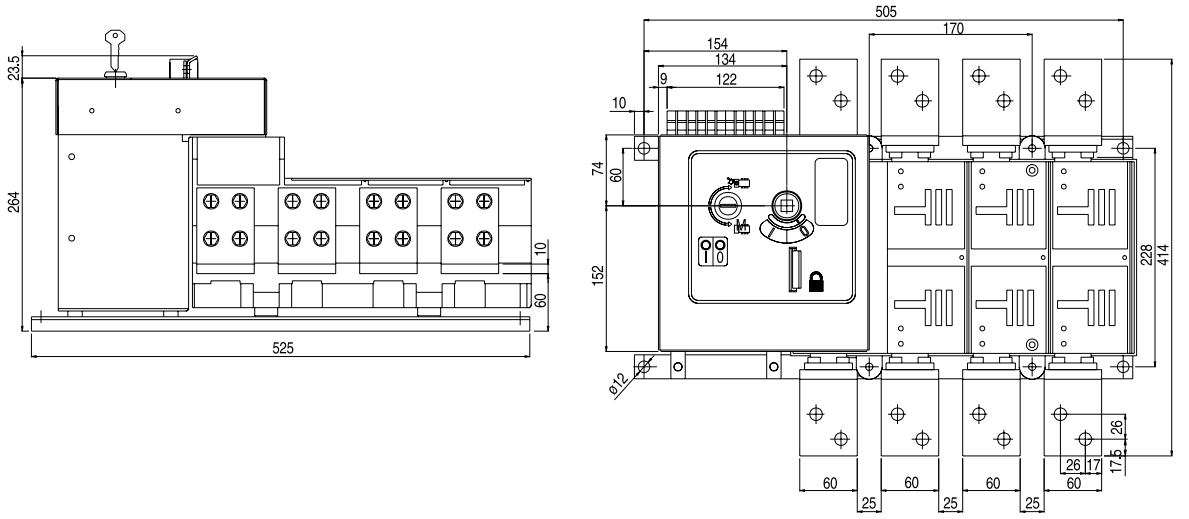


Dimensions			
L			
Min.	Max.	C	H
276	576	276	L-C

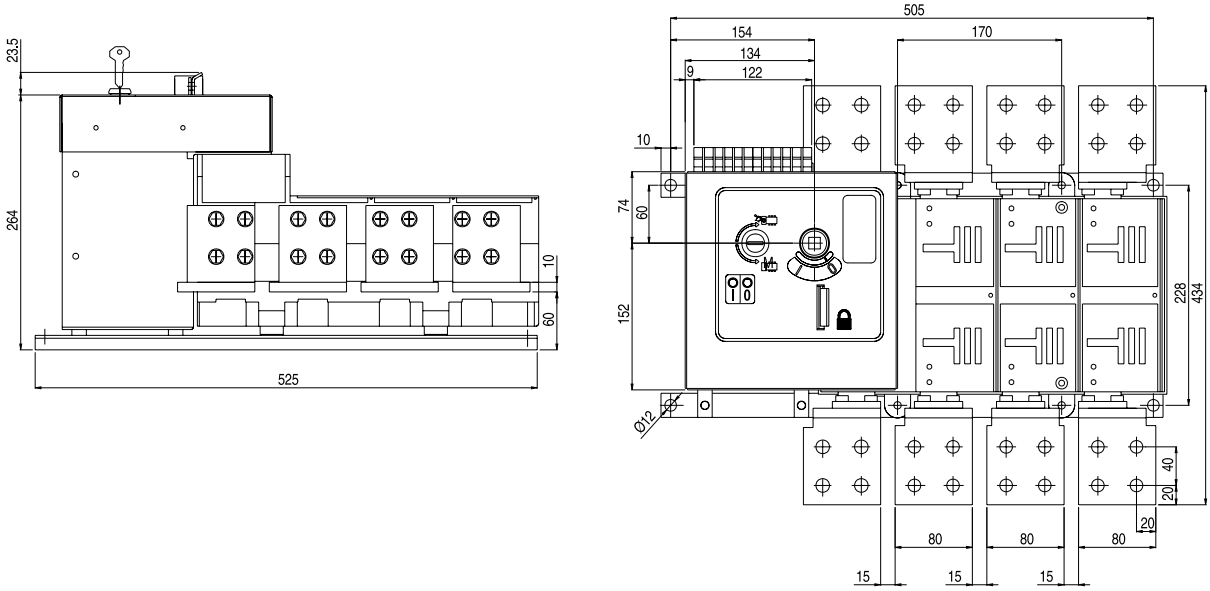
Dilos 6S MO



Dilos 7S MO

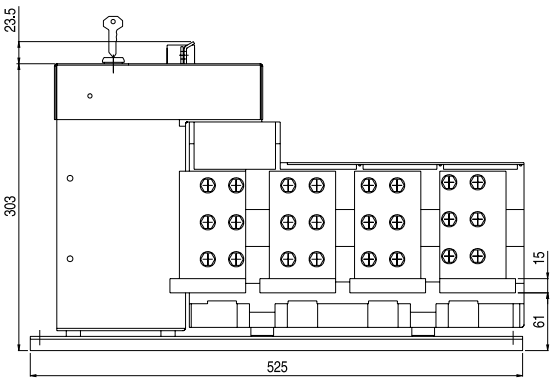


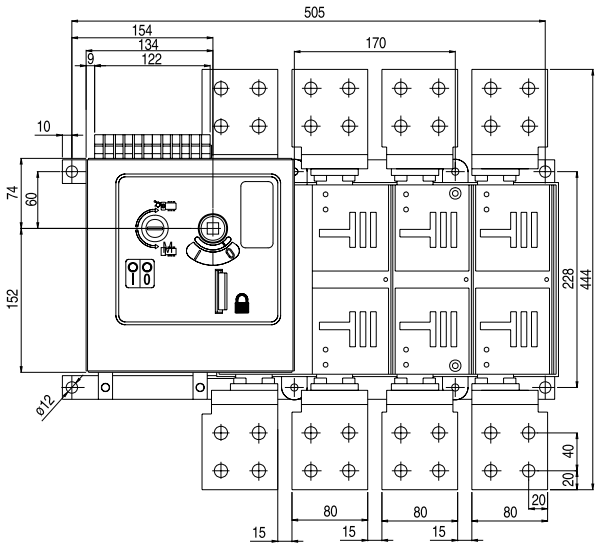
Dilos 8S MO - 2000A



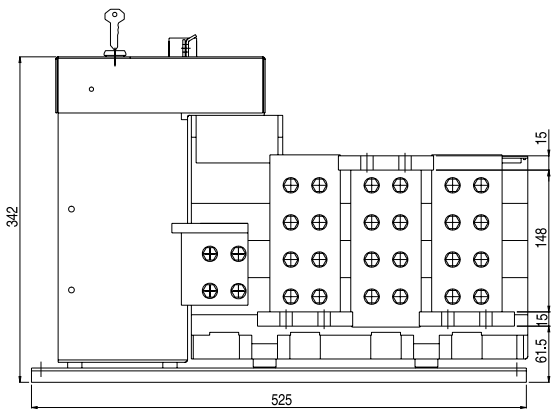
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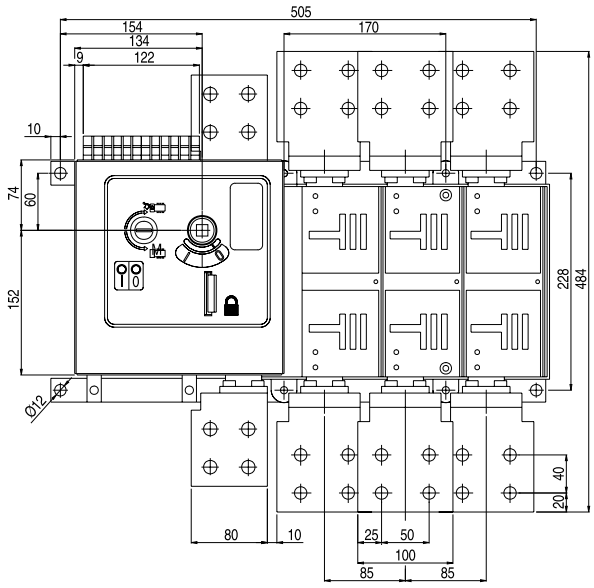
Dilos 8S MO - 2500A



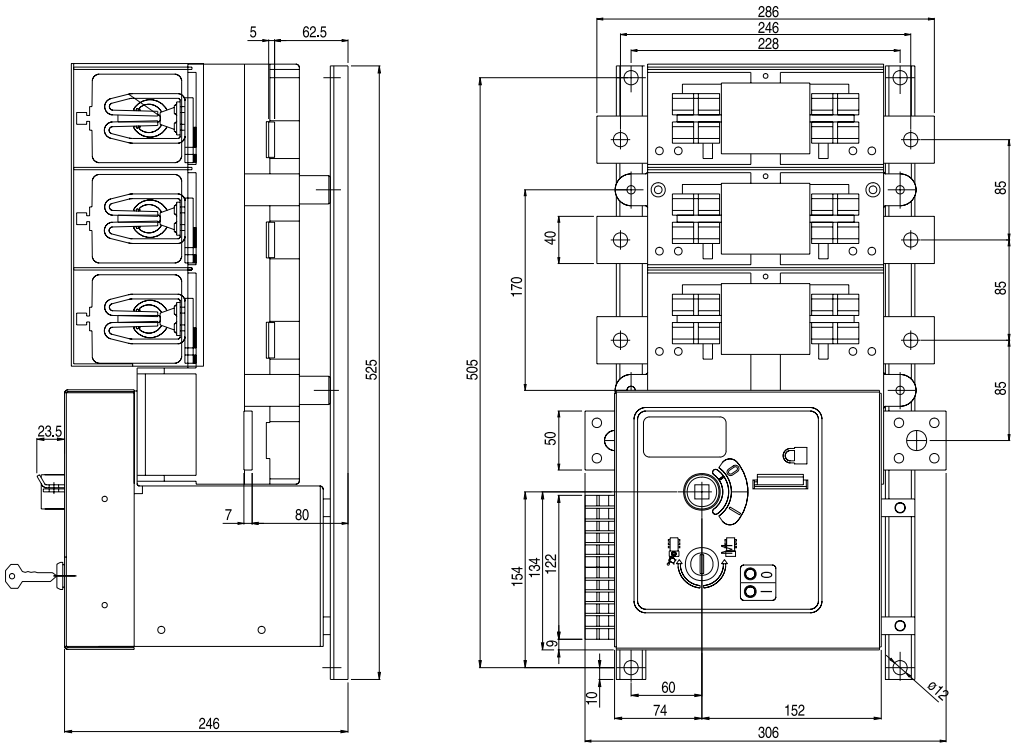


Dilos 9S MO

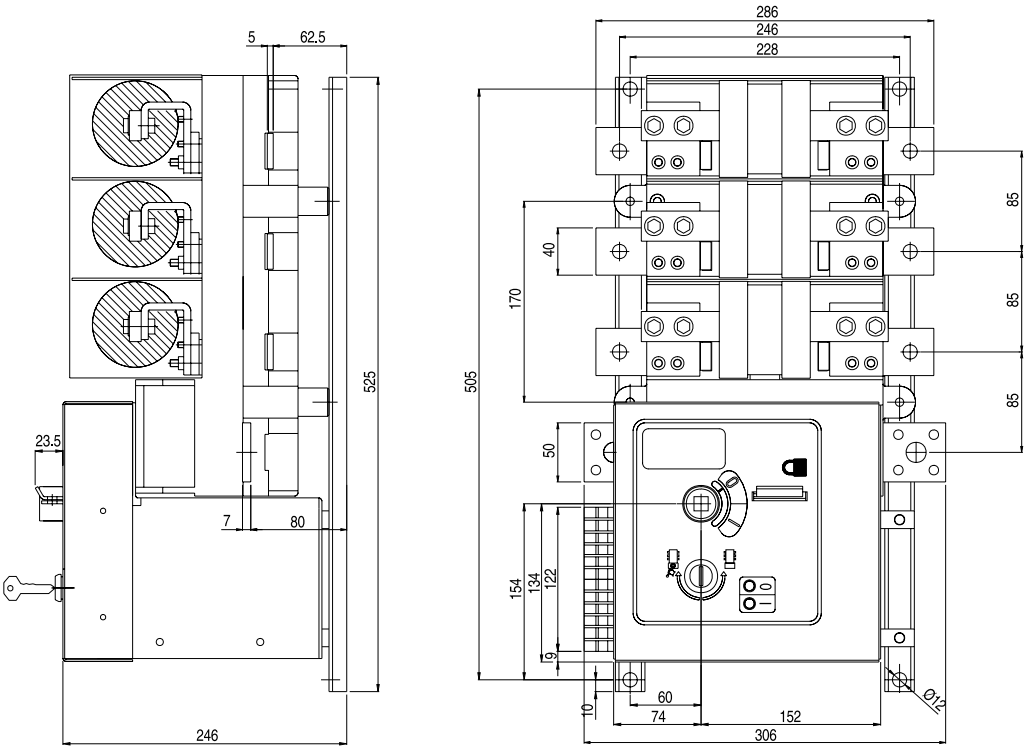




Fulos 3S MO - DIN NH3

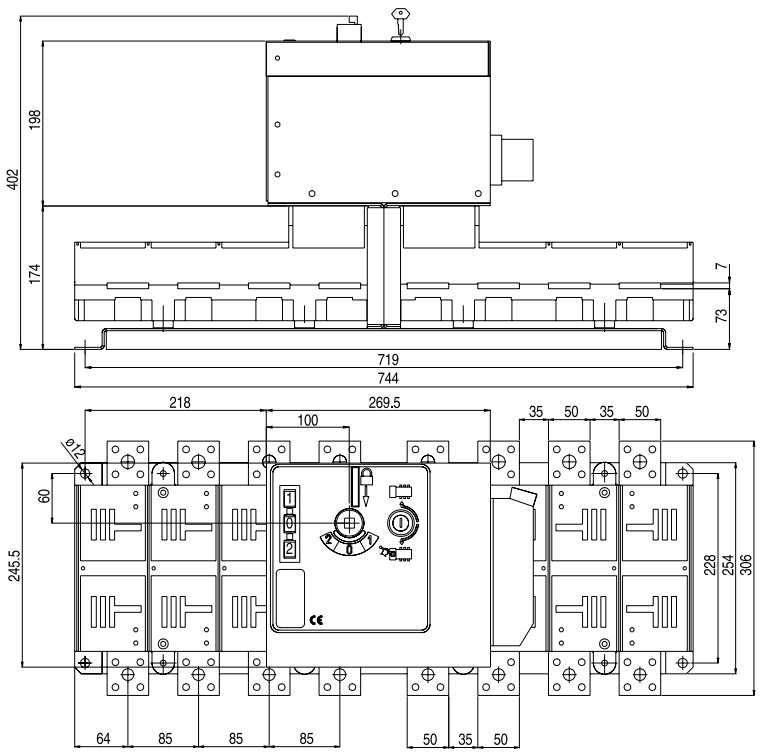


Fulos 3S MO - BS C1/C2/C3

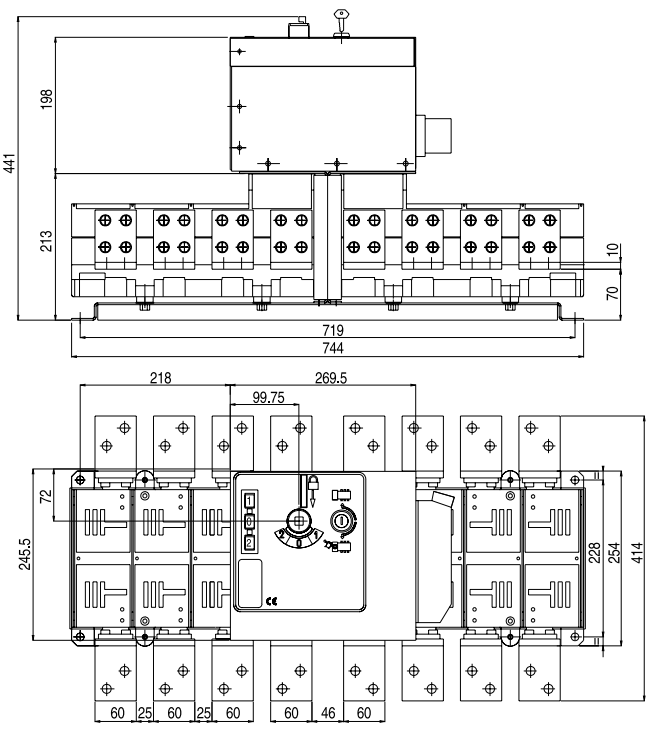


Dimensions

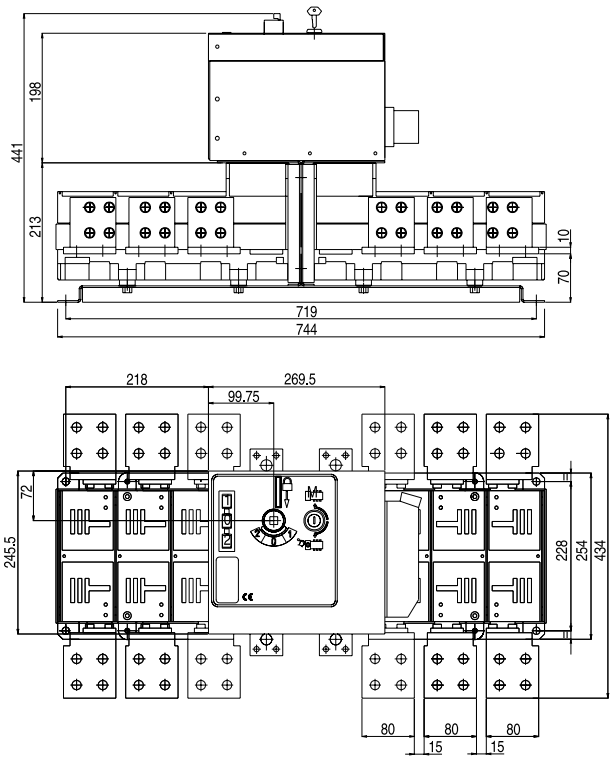
CO-Dilos 6S MO



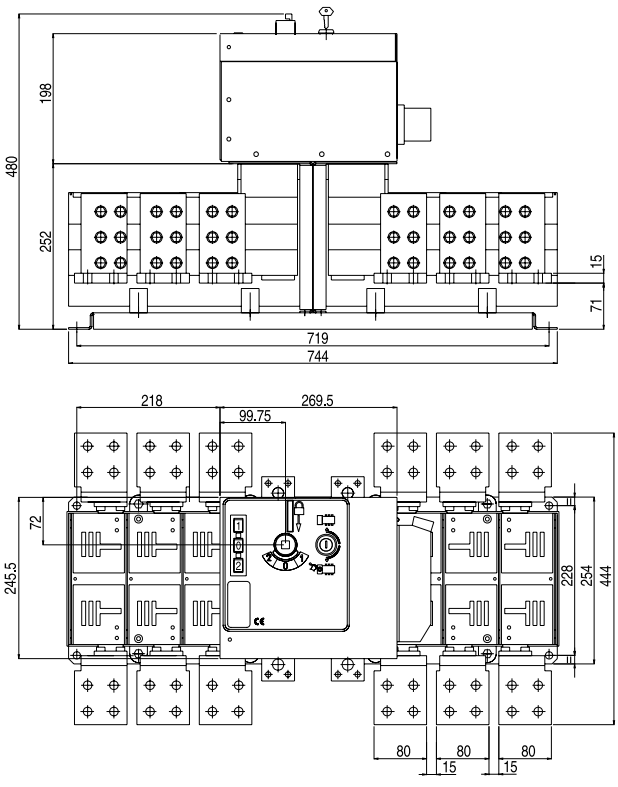
CO-Dilos 7S MO



CO-Dilos 8S MO - 2000A

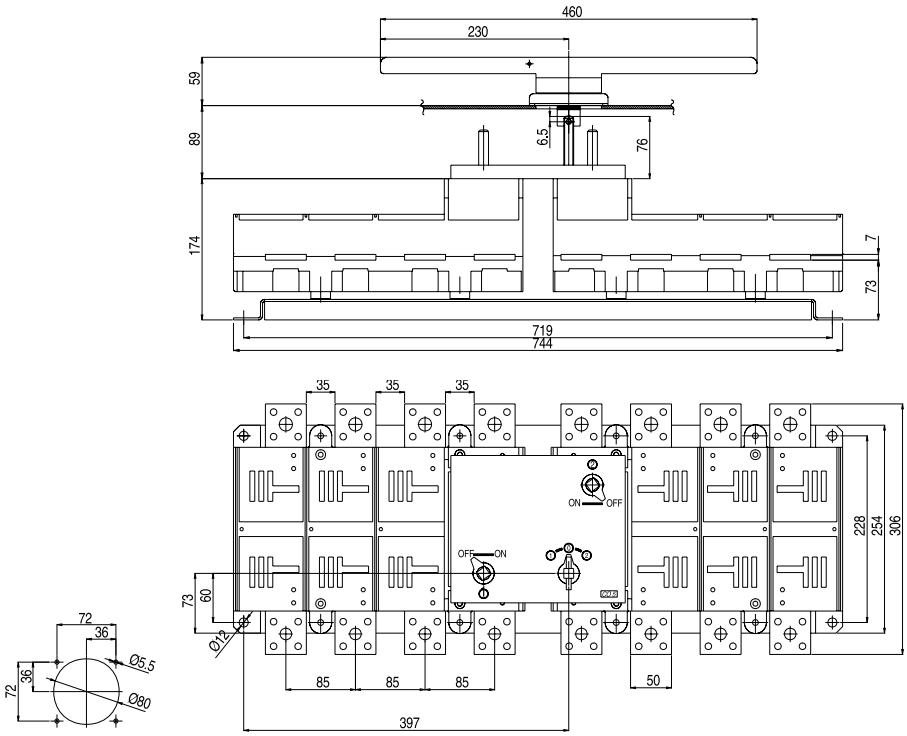


CO-Dilos 8S MO - 2500A

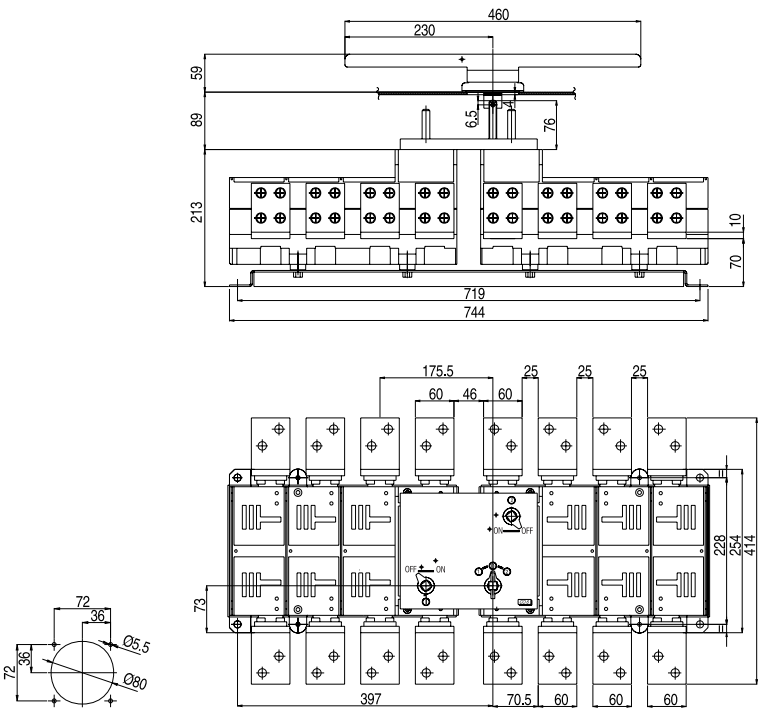


Dimensions

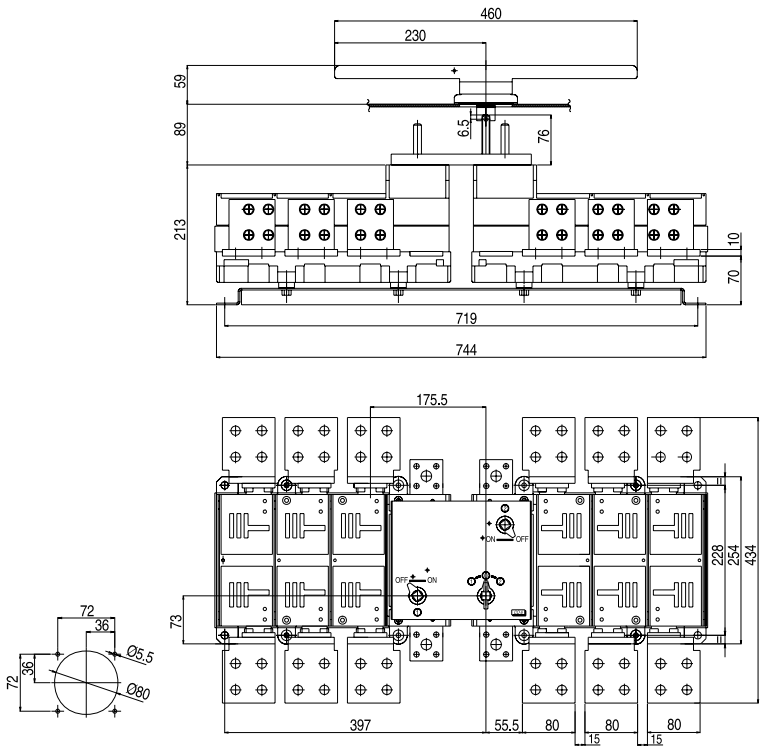
CO-Dilos 6S



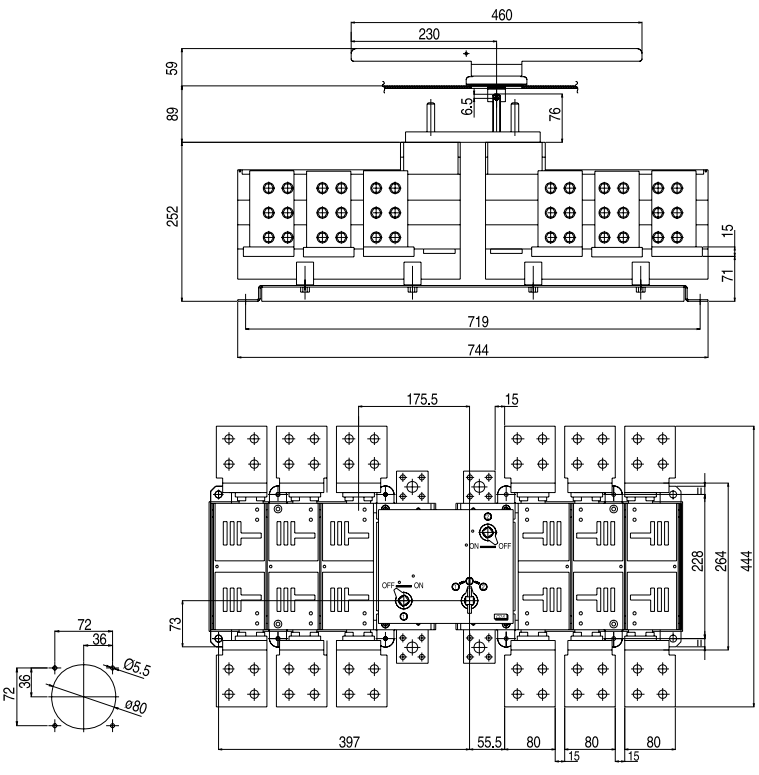
CO-Dilos 7S



CO-Dilos 8S - 2000A

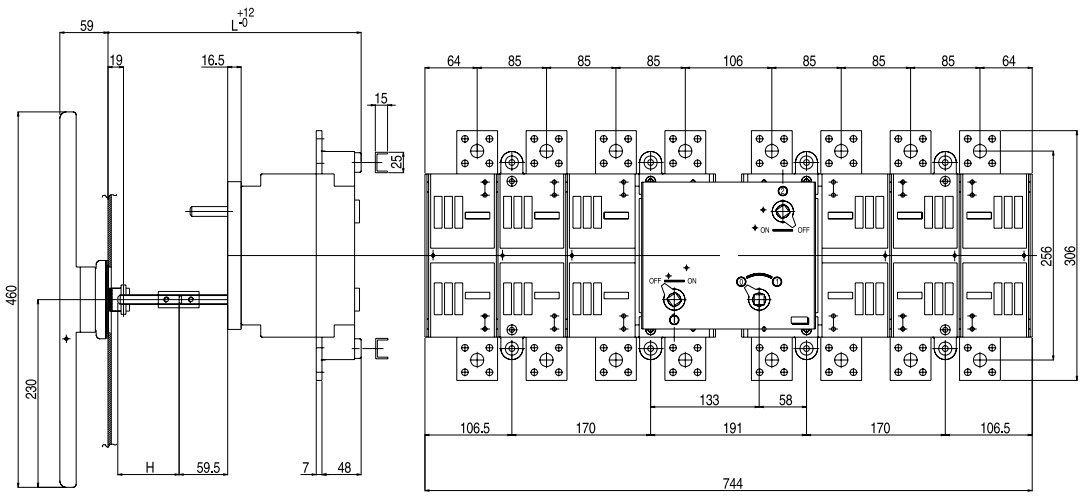


CO-Dilos 8S - 2500A



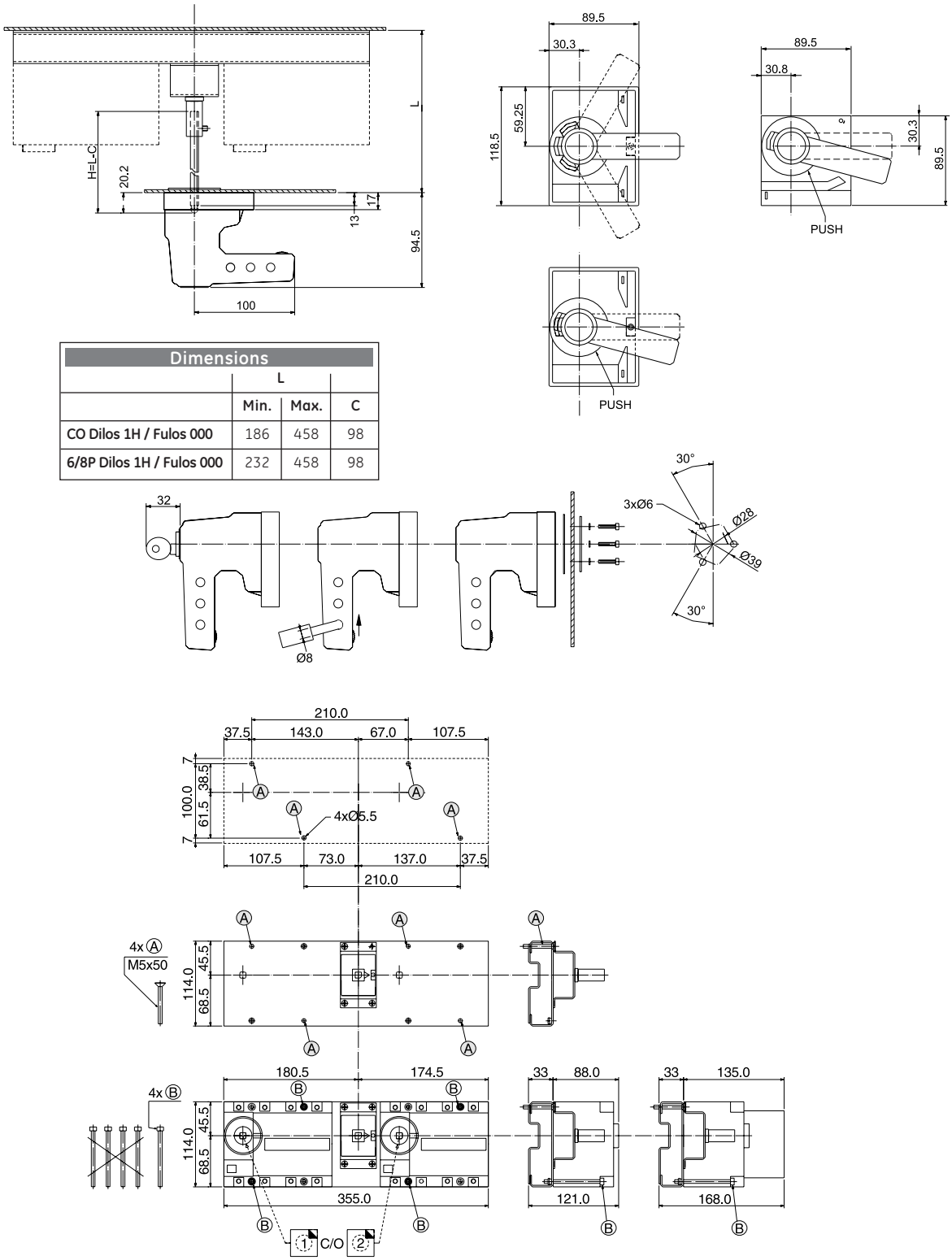
Dimensions

6P Dilos 6S



Dimensions			
L			
Min.	Max.	C	H
235	535	235	L-C

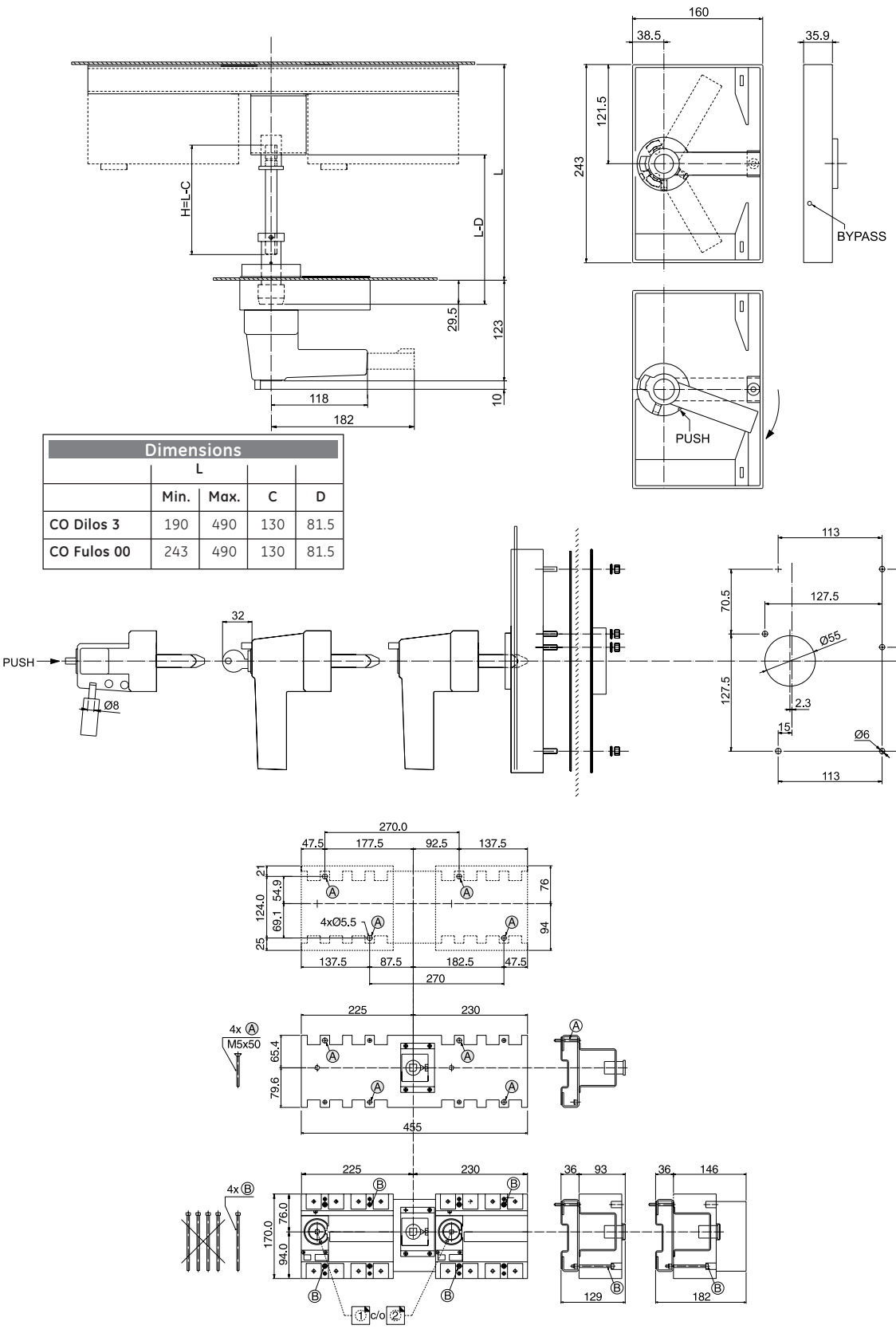
Changeover (CO) system - 6/8P system - Dilos 1H / Fulos 000



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

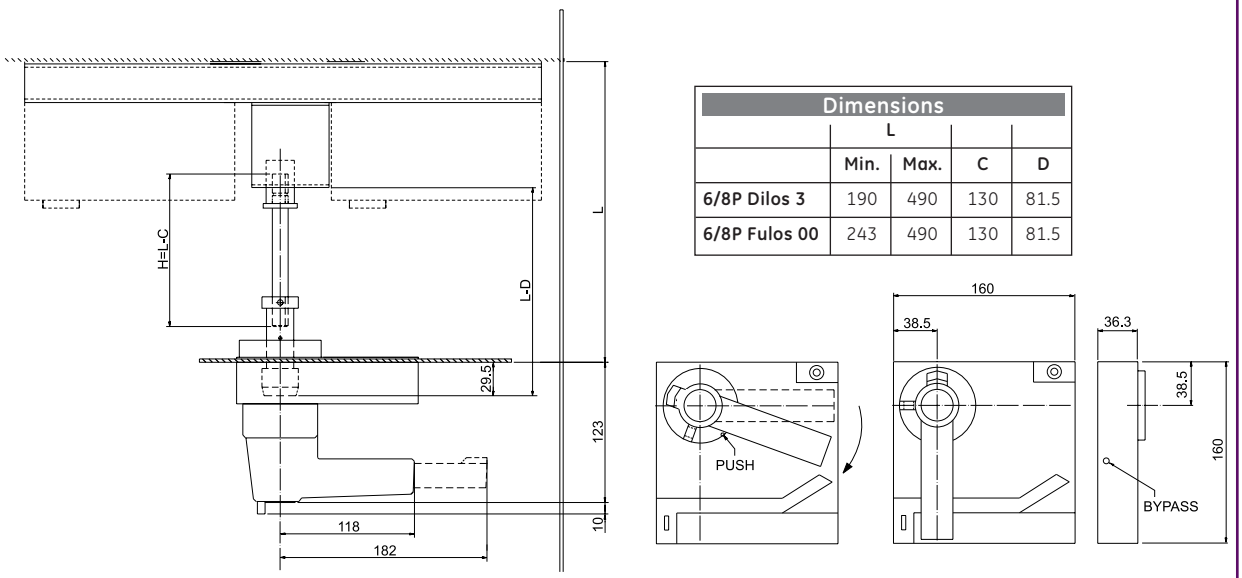
Dimensions

Changeover (CO) system - Dilos 3 / Fulos 00

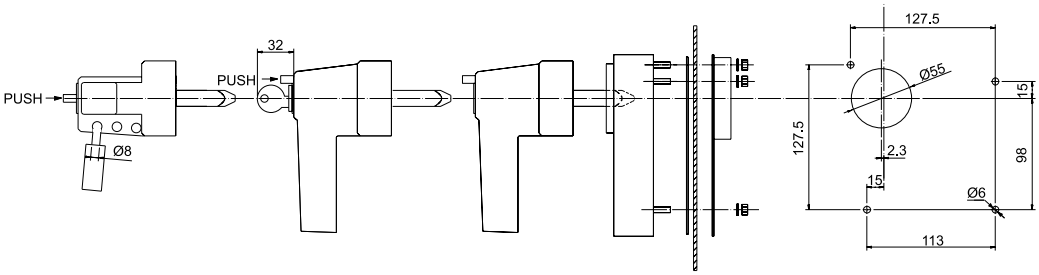


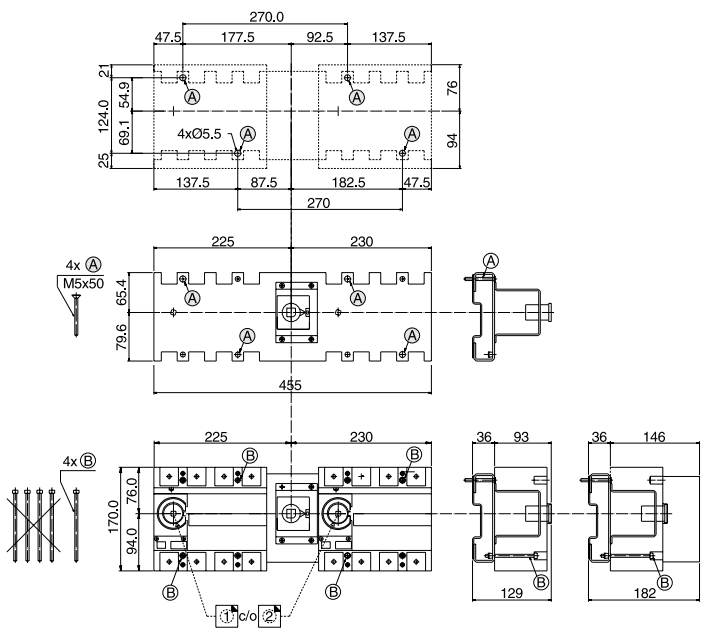
Dimensions				
	L			
	Min.	Max.	C	D
CO Dilos 3	190	490	130	81.5
CO Fulos 00	243	490	130	81.5

6/8P system - Dilos 3 / Fulos 00



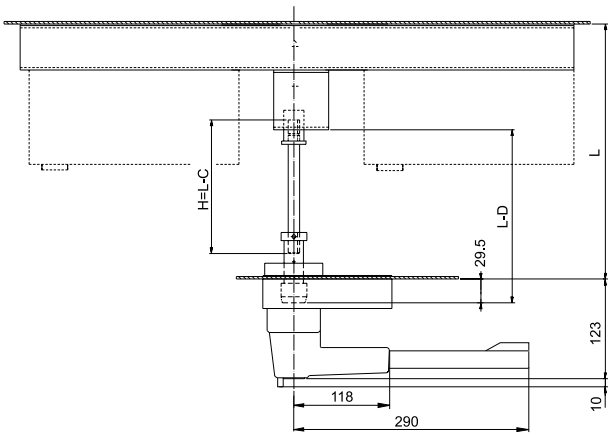
Dimensions				
	L			
	Min.	Max.	C	D
6/8P Dilos 3	190	490	130	81.5
6/8P Fulos 00	243	490	130	81.5

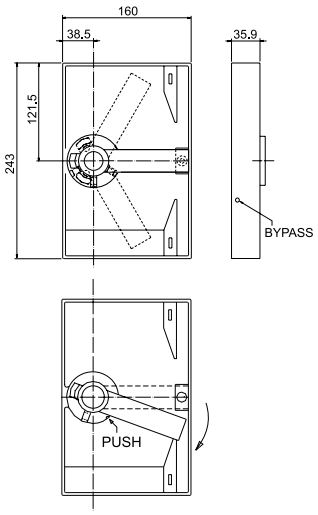




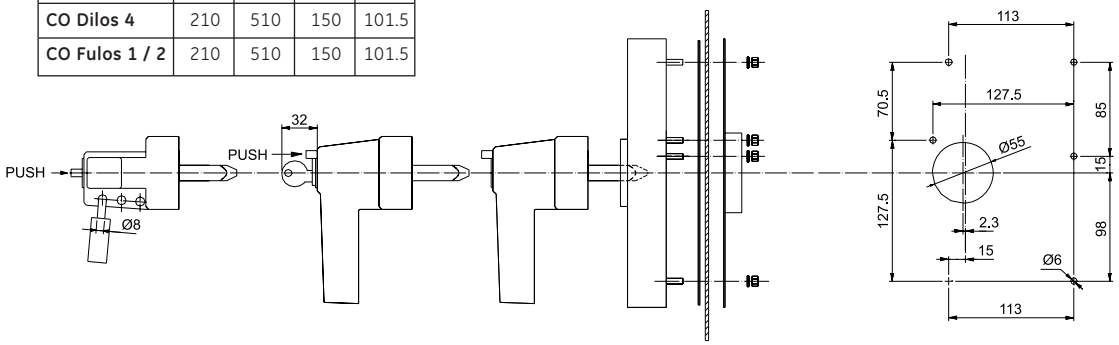
Dimensions

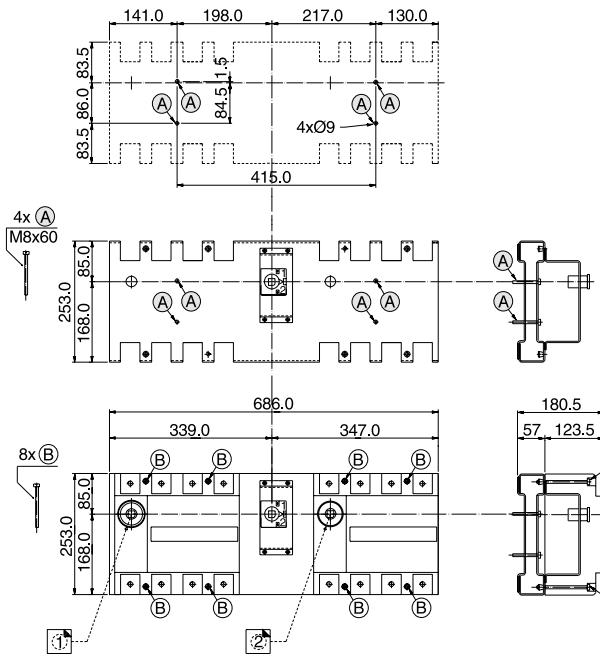
Changeover (CO) system - Dilos 4 - Fulos 1 / 2



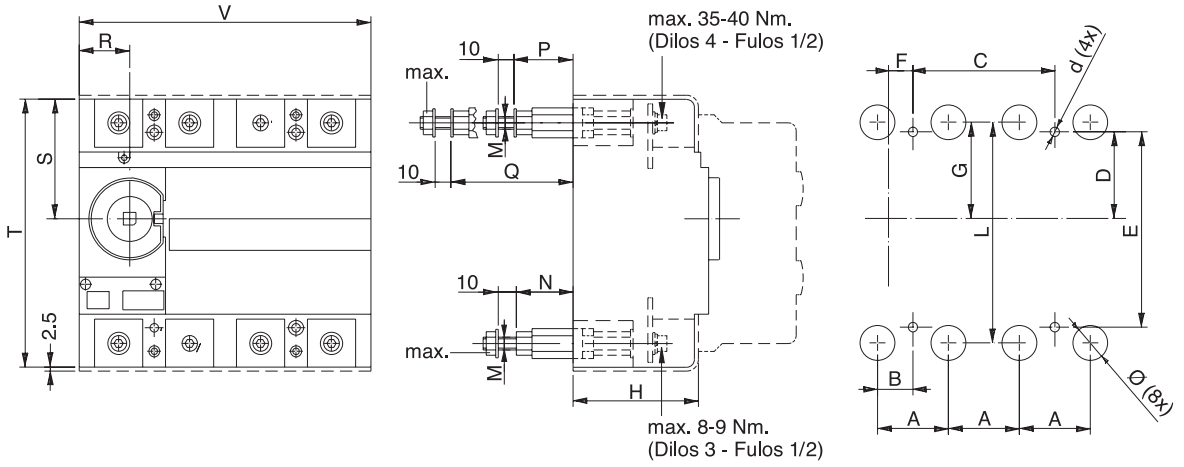


Dimensions				
	L			
	Min.	Max.	C	D
CO Dilos 4	210	510	150	101.5
CO Fulos 1 / 2	210	510	150	101.5



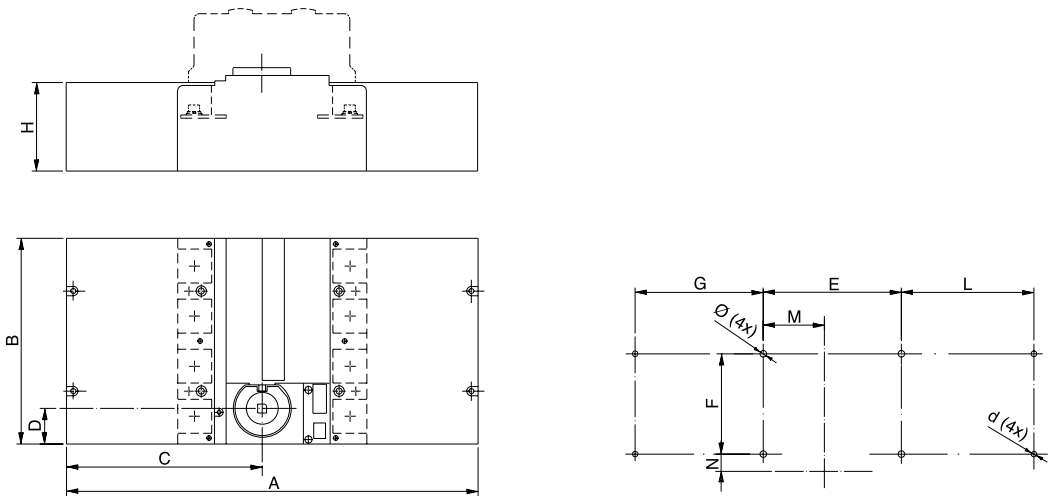


Rear terminals - Dilos 3 / 4 - Fulos 00 / 1 / 2



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

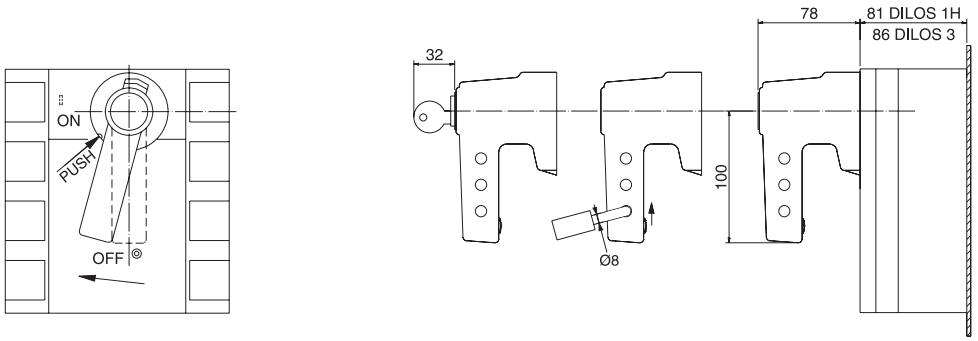
Terminal covers - Dilos 3 / 4 - Fulos 00 / 1 / 2



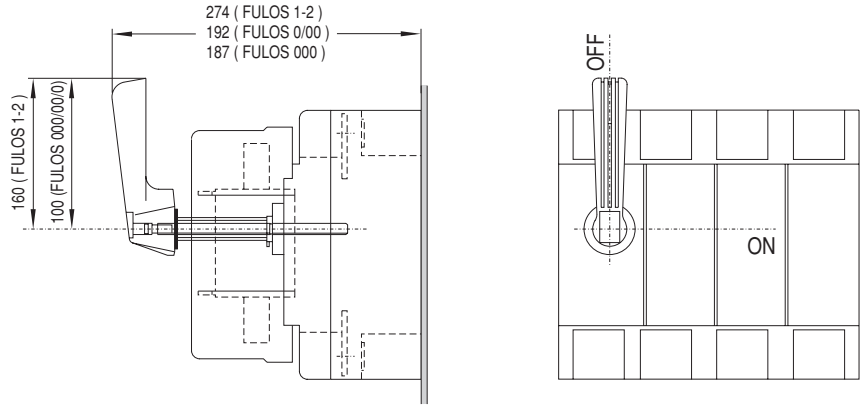
Dimensions													
	A	B	C	D	E	F	G	H	L	M	N	Ø	d
Dilos 3 - Fulos 00 Long	370	185	176	32	124	90	115	80	119	55	15.5	6	5
Dilos 4 - Fulos 1 / 2 Long	433	260	175	35	220	130	100.5	109	100.5	68.5	30	7	5
Dilos 3 - Fulos 00 Short	250	185	116	32	124	90	55	80	59	65	15.5	6	5
Dilos 4 - Fulos 1 / 2 Short	363	260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

Dimensions

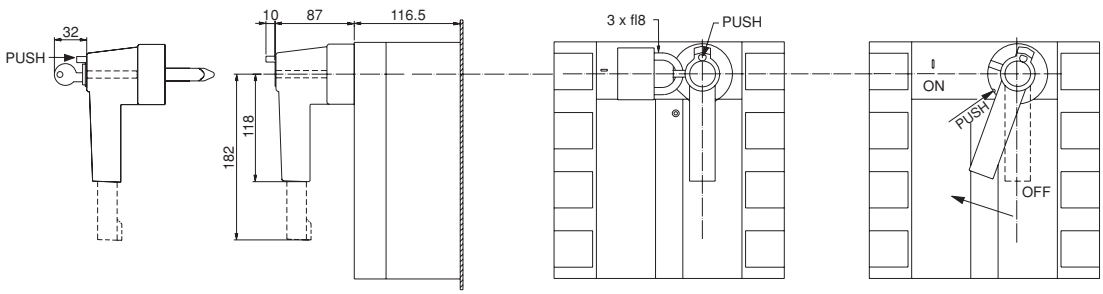
Direct handles for Dilos 1H and Dilos 3



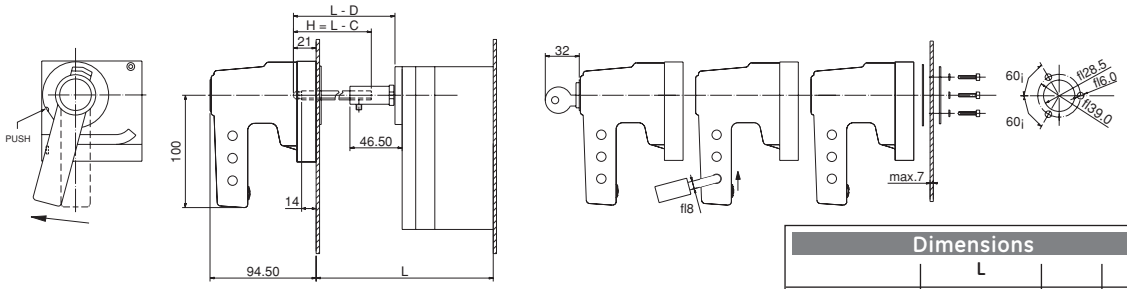
Direct handles for Fulos 000 / 00 / 1 / 2



Direct handles for Dilos 4

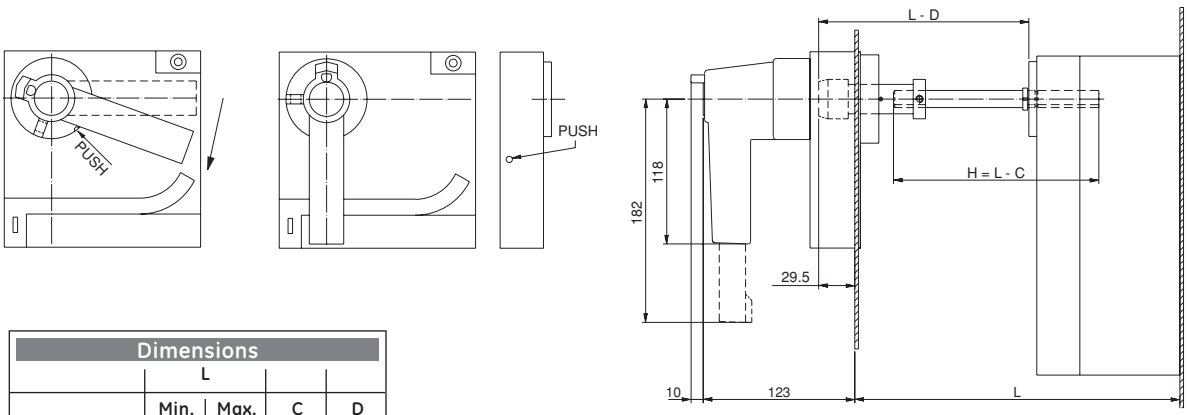


Handles for cover or hinged door - Dilos 1H / 3 - Fulos 000 / 00

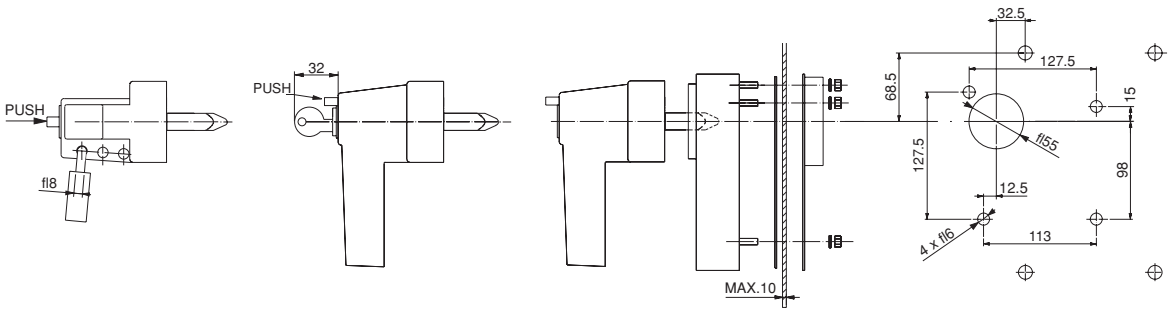


Dimensions	L			
	Min.	Max.	C	D
Dilos 1H	137	396	89	68
Fulos 000	148	396	89	68
Dilos 3	142	401	94	73
Fulos 00	160	401	95	73

Direct handles for Dilos 4 - Fulos 1 / 2

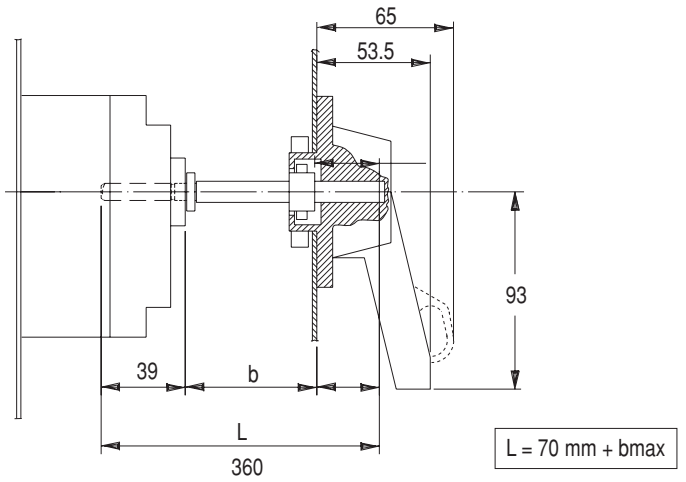


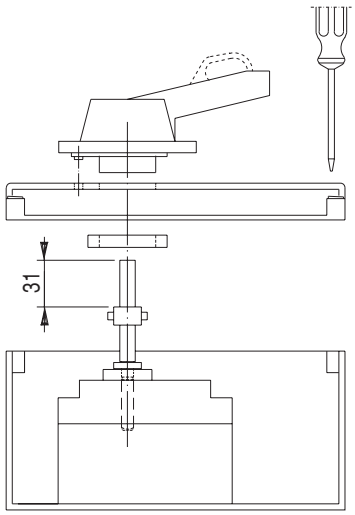
Dimensions	L			
	Min.	Max.	C	D
Dilos 4	186	458	98	93.5
Fulos 1 / 2	232	458	98	93.5



Dimensions

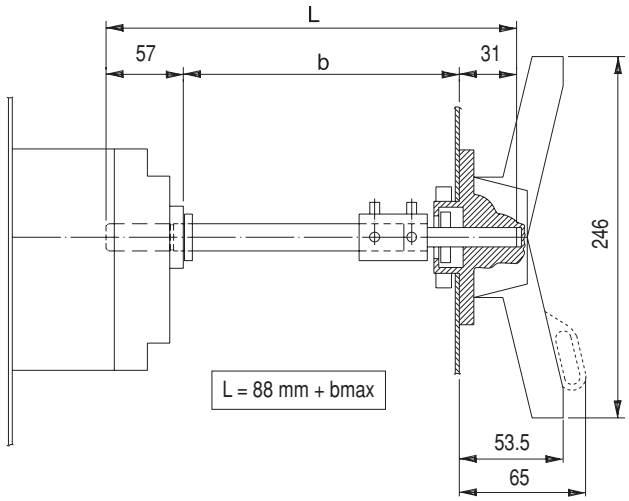
Handles for inner door (reduced depth) - Dilos 1H / 3 - Fulos 000 / 00

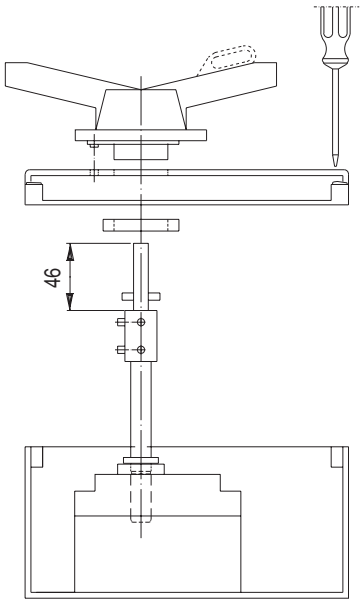




Dimensions				
	Dilos IH	Dilos 3	Fulos 000	Fulos 00
b min	20	20	60	66
b max	290	290	290	290

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





Dimensions			
	Dilos 4	Fulos 1	Fulos 2
b min	59	94	94
b max	330	330	330

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X.2 Numerical index by catalogue number
X.4 Numerical index by reference number

Numerical index by catalogue number

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