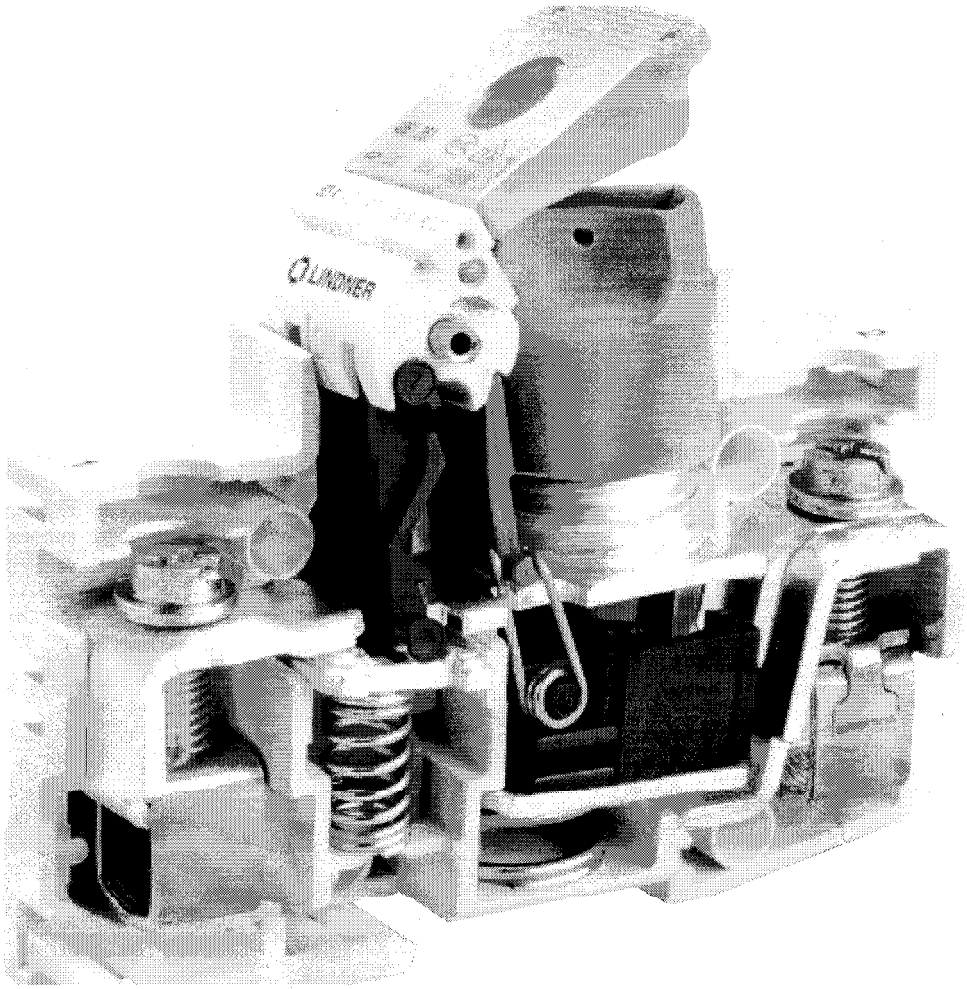
Fuse switch-disconnectors LINOCUR

DO LINOCUR Switch-Disconnector for NEOZED Fuses

63 A D02 ~230/400 V (~440V)



Specifications:

DIN VDE 0638
EN 60947-3
DIN VDE 0660 Part 107
IEC 60947-3
EN 60947-3
VBG4m

DO LINOCUR combines a fuse base and separately mounted NEOZED 63 A switches in one enclosure. As principle of their operation, both switches are open when the device is disconnected and when the fuse-link is removed.

Approval Symbols:

Germany
Austria
Denmark
German Lloyd
Bureau Veritas
British Lloyd's Register of Shipping
Bureau Veritas

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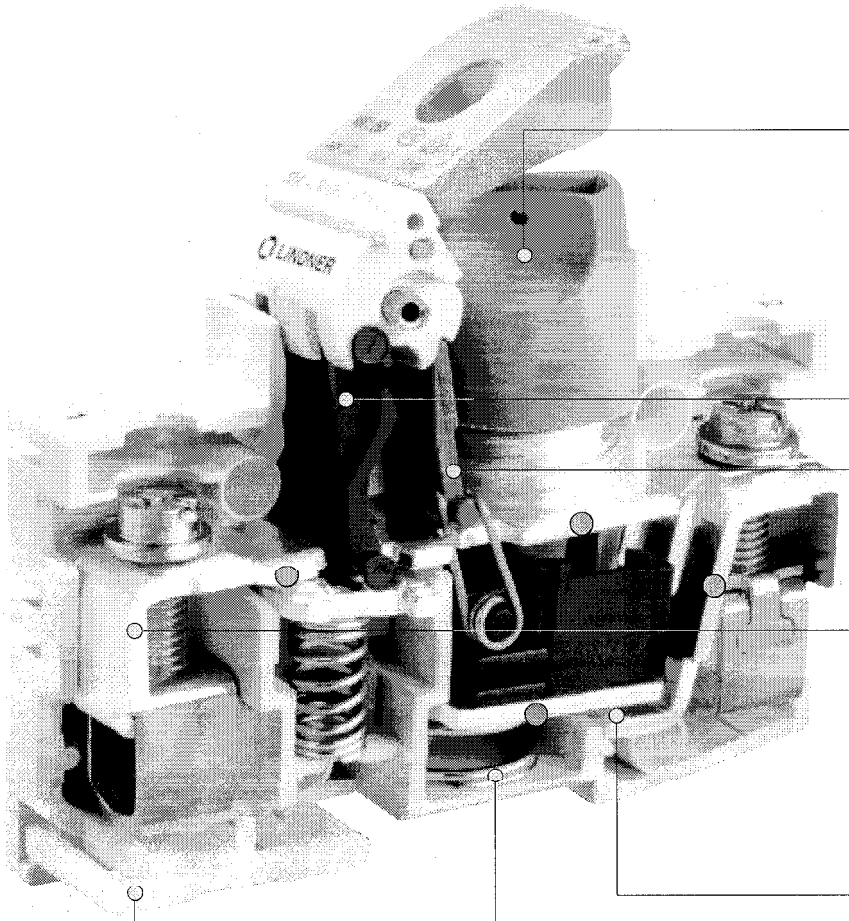
D0 LINOCUR Switch-Disconnector
A New Generation of New Technology



New ergonomically designed screw caps

Switch-disconnector with spring-operated mechanism for automatic connection

Locking device

Dual-function terminal

Break contact guarantees complete, safe isolation with infeed from above

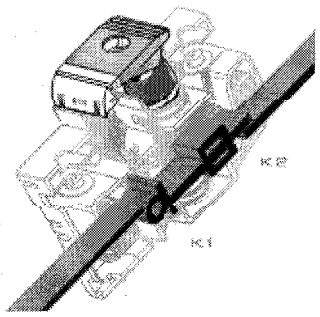
Foot contact spring guarantees constant contact pressure

Snap-in spring catch

Tiple automatic safety feature

Fuse switch-disconnectors LINOCUR

D0 LINOCUR Switch-disconnector for NEOZED Fuses

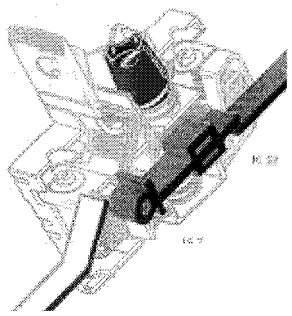


Operating Principle

The new D0 LINOCUR combines a fuse base and two separately mounted switches (K1 & K2) in one enclosure.

As a principle of operation, both switches are open when the device is disconnected and when the fuse-link is removed.

Switch K1 is a switch-disconnector as per DIN VDE 0660 Part 107, and provides for on-load disconnection of electrical equipment.

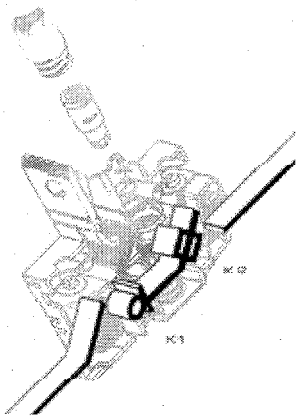


Switch K2 is designed as break contact without load-switching capacity and guarantees complete isolation of the fuse component when infeed is from above and the fuse-link is removed.

Switch K2 can only be activated when switch-disconnector K1 is open, guaranteeing complete isolation of the device

Connection in Circuit

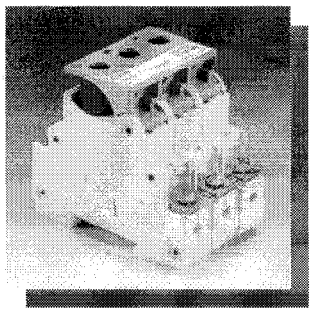
D0 LINOCUR can only be connected in circuit when the fuse-link (or all fuse-links in multi-pole equipment) is firmly screwed in by its screw cap. Switch K2 closes simultaneously as the fuse-link is screwed in. The fuse component is then live when infeed is from above. On activating the switch knob, the load is connected automatically by a spring-operated mechanism, switch K1 closes and D0 LINOCUR is energized.



Disconnection and Fuse Changes

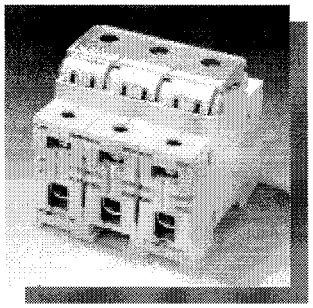
Switch-disconnector K1 opens when the switch knob is turned to the "OFF" position. The electrical load is disconnected on-load from mains and LINOCUR is de-energized. If a fuse needs to be changed, K2 opens atuomatically as the fuse-link is unscrewed, ensuring that when infeed is from above, the fuse component is fully isolated.

Fuse switch-disconnectors LINOCUR



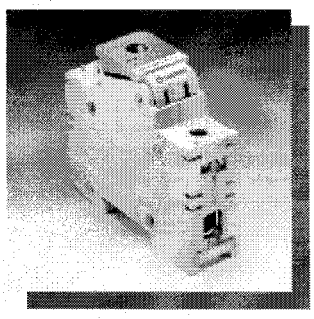
DO LINOCUR
Switch-disconnector
~ 400 V, D01

Rated current in A	Number of poles	Modular spacing		Conductor cross-section mm² max.	Catalog Number	Reference Number	Packing
to 16	1	1		6	02811.016000	V213021	5
	2	2		6	02812.016000	E215560	2
	3	3		6	02813.016000	M216073	1



DO LINOCUR
Switch-disconnector
~ 400 V, D02
sealable, with snap-on mounting for top-hat rails as per DIN EN 50022

Rated current in A	Number of poles	Modular spacing		Conductor cross-section mm² max.	Catalog Number	Reference Number	Packing
to 63*	1	1,5	Dual-function terminals	35	04861.063000	P222883	3
	1+N	3		35	04861.063100	Z200674	2
	2	3		35	04862.063000	D215053	2
	3	4,5		35	04863.063000	T219690	1
	3+N	6		35	04863.063100	A214544	1
Dummy D02					01825.000000	F215055	1



DO LINOCUR
Switch-disconnector
for construction
~ 440 V, D02
sealable, with snap-on mounting for top-hat rails as per DIN EN 50022

Rated current in A	Number of poles	Modular spacing		Conductor cross-section mm² max.	Catalog Number	Reference Number	Packing
to 63*	1	1,5	Dual-function terminals	35	04861.063040	C215052	3
	2	3		35	04862.063040	N216074	2
	3	4,5		35	04863.063040	Z211990	2
	3+N	6		35	04863.063140	P216075	1

* LINOCUR is available on request in 25, 35 and 50 A with permanently fitted and non-interchangeable adapter sleeves.
In versions 1+N and 3+N, the N-conductor leads when making and lags when breaking.
* NEOZED fuse-links and adaptor sleeves are to be ordered as optional extras.

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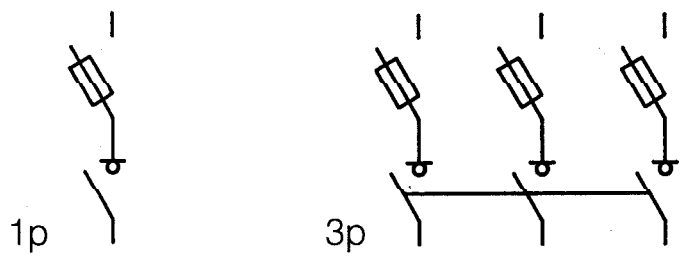
Technical Data

Classification	Switch-disconnector for fuses to DIN VDE 0660 Part 107
Specifications	DIN VDE 0660 Part 107, EN 60947, IEC 60947-3, DIN VDE 0636 Part 41, IEC 60269 3, DIN VDE 0638, DIN VDE 43880
Sizes	D02
Number of poles	1-, 2-, 3-pole 2-pole (1+N), 4-pole (3+N)
Utilization categories	gL-gG, aM, gG nur mit Einschränkung
Nominal current I_n	2 - 63 A
Nominal voltage U_n	1-pole: ~ 230 V 2-, 3-, 4-pole: ~ 400 V Shipbuilding: ~ 400 V per pole: - 65 V
Nominal frequency	50 - 60 Hz
Rated short-circuit breaking capacity	50 kA
Application category	AC 22 B DC 22 B/ – 65 V/Pol AC 23 B/~ 400 V 50 A AC 23 B/~ 440 V 35 A
Attachment types/cross-sections	D02: 35 mm² M5 Pozidriv screws covered safe from finger-touch to accident prevention norm VBG 4
Degree of protection	IP 20
Attachment method	Snap-on mounting on top-hat rails to DIN EN 50022 Latch-down snap-on device to busbar system using adaptor
Materials	Impact-resistant insulating material RAL 7035 insulating material, self-extinguishing, halogen-free entspr. DIN VDE 0106 Part 100, VBG 4

Graphical symbol:



Fuse switch-disconnectors LINOCUR

DO LINOCUR Switch-disconnector ~ 400 V

Adapter for 40, 50 or 60 mm busbar systems