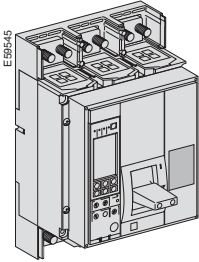


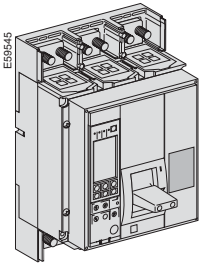
NS630b to NS1600 fixed manually operated Complete device

Front-connected circuit breaker with Micrologic 2.0 control unit



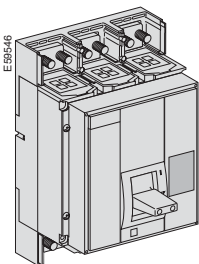
Compact NS type N		
Icu = 50 kA at 220/415 V	3P	4P
NS630b	33460	33463
NS800	33466	33469
NS1000	33472	33475
NS1250	33478	33480
NS1600	33482	33484
Compact NS type H		
Icu = 70 kA at 220/415 V	3P	4P
NS630b	33461	33464
NS800	33467	33470
NS1000	33473	33476
NS1250	33479	33481
NS1600	33483	33485
Compact NS type L		
Icu = 150 kA at 220/415 V	3P	4P
NS630b	33462	33465
NS800	33468	33471
NS1000	33474	33477

Front-connected circuit breaker with Micrologic 5.0 control unit



Compact NS type N		
Icu = 50 kA at 220/415 V	3P	4P
NS630b	33546	33549
NS800	33552	33555
NS1000	33558	33561
NS1250	33564	33566
NS1600	33568	33570
Compact NS type H		
Icu = 70 kA at 220/415 V	3P	4P
NS630b	33547	33550
NS800	33553	33556
NS1000	33559	33562
NS1250	33565	33567
NS1600	33569	33571
Compact NS type L		
Icu = 150 kA at 220/415 V	3P	4P
NS630b	33548	33551
NS800	33554	33557
NS1000	33560	33563

Front-connected switch-disconnector



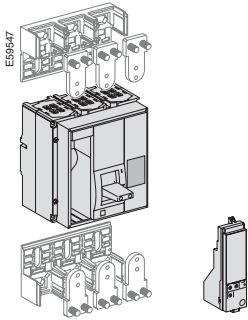
	3P	4P
NS630b	33486	33491
NS800	33487	33492
NS1000	33488	33493
NS1250	33489	33494
NS1600	33490	33495

Nota : select in addition the connection accessories, device accessories and auxiliaries, control-unit accessories and communications option, as required.

NS630b to NS1600 fixed manually operated (cont.)

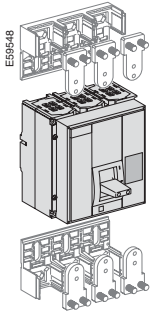
Device based on separate components

Basic circuit breaker



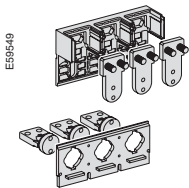
Compact NS type N			
Icu = 50 kA at 220/415 V		3P	4P
NS630b		33220	33224
NS800		33230	33234
NS1000		33240	33244
NS1250		33250	33254
NS1600		33260	33264
Compact NS type H			
Icu = 70 kA at 220/415 V		3P	4P
NS630b		33221	33225
NS800		33231	33235
NS1000		33241	33245
NS1250		33251	33255
NS1600		33261	33265
Compact NS type L			
Icu = 150 kA at 220/415 V		3P	4P
NS630b		33222	33226
NS800		33232	33236
NS1000		33242	33246
+ Micrologic control units			
		Without ammeter	With ammeter (option A)
Basic protection	2.0	33504	33505
Selective protection	5.0	33511	33512
Selective + earth-fault protection	6.0		33513
Selective + earth-leakage protection	7.0		33514

Basic switch-disconnector



Compact NS type NA			
		3P	4P
NS630b		33420	33421
NS800		33422	33423
NS1000		33424	33425
NS1250		33426	33427
NS1600		33428	33429

Connections for circuit breakers and switch-disconnectors



Front connection			
		3P	4P
630/1000 A	Top	33598	33608
	Bottom	33599	33609
1250 A	Top	33600	33610
630/1000 A type L	Bottom	33601	33611
1600 A	Top	33602	33612
	Bottom	33603	33613
Rear connection			
		3P	4P
Vertical	Top	33604	33614
	Bottom	33605	33615
Horizontal	Top	33606	33616
	Bottom	33607	33617

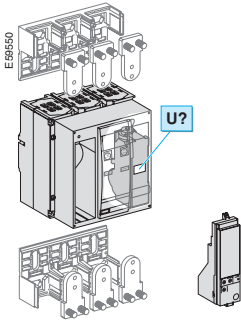
Note: to order a complete device, order:

- a basic circuit breaker and a Micrologic control unit, or a basic switch disconnector
- connections
- accessories (for the device, the connection, the control unit) and communication option as required.

NS630b to NS1600 fixed electrically operated

Device based on separate components

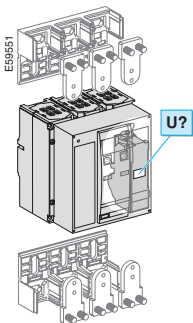
Basic circuit breaker



Note: the characteristics of the motor mechanism module for electrical operation are specified separately by selecting a part number from the table at the bottom of this page.

Compact NS type N			
Icu = 50 kA at 220/415 V		3P	4P
NS630b		33270	33274
NS800		33280	33284
NS1000		33290	33294
NS1250		33300	33304
NS1600		33310	33314
Compact NS type H			
Icu = 70 kA at 220/415 V		3P	4P
NS630b		33271	33275
NS800		33281	33285
NS1000		33291	33295
NS1250		33301	33305
NS1600		33311	33315
Compact NS type L			
Icu = 150 kA at 220/415V		3P	4P
NS630b		33272	33276
NS800		33282	33286
NS1000		33292	33296
+ Micrologic control units			
		Without ammeter	With ammeter (option A)
Basic protection	2.0	33504	33505
Selective protection	5.0	33511	33512
Selective + earth-fault protection	6.0		33513
Selective + earth-leakage protection	7.0		33514

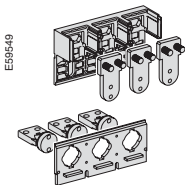
Basic switch-disconnector



Compact NS type NA		
	3P	4P
NS630b	33440	33441
NS800	33442	33443
NS1000	33444	33445
NS1250	33446	33447
NS1600	33448	33449

Note: the characteristics of the motor mechanism module for electrical operation are specified separately by selecting a part number from the table at the bottom of this page.

Connections for circuit breakers and switch-disconnectors



Front connection			
		3P	4P
630/1000 A	Top	33598	33608
	Bottom	33599	33609
1250 A	Top	33600	33610
630/1000 A type L	Bottom	33601	33611
	Top	33602	33612
1600 A	Top	33603	33613
	Bottom	33603	33613
Rear connection			
Vertical	Top	33604	33614
	Bottom	33605	33615
Horizontal	Top	33606	33616
	Bottom	33607	33617

Motor mechanism module

AC 50/60 Hz			DC		
	Standard	Communicating		Standard	Communicating
48 V	33691	33698	24-30 V	33690	33697
100-130 V	33687	33694	48-60 V	33691	33698
220-240 V	33688	33695	100-130 V	33692	33699
380-415 V	33689	33696	200-250 V	33693	33700

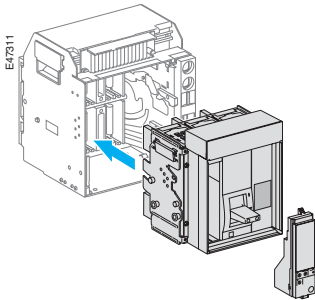
Note: to order a complete device, order:

- a basic circuit breaker and a Micrologic control unit, or a basic switch-disconnector
- connections
- accessories (for the device, the connection, the control unit) and communication option as required.

NS630b to NS1600 manually operated withdrawable devices

Device based on separate components

Basic circuit breaker



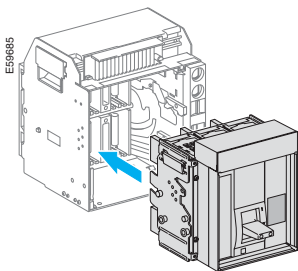
Compact NS type N		
Icu = 50 kA at 220/415 V	3P	4P
NS630b	33320	33324
NS800	33330	33334
NS1000	33340	33344
NS1250	33350	33354
NS1600	33360	33364

Compact NS type H		
Icu = 70 kA at 220/415 V	3P	4P
NS630b	33321	33325
NS800	33331	33335
NS1000	33341	33345
NS1250	33351	33355
NS1600	33361	33365

Compact NS type L		
Icu = 150 kA at 220/415 V	3P	4P
NS630b	33322	33326
NS800	33332	33336
NS1000	33342	33346

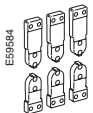
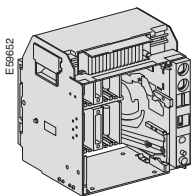
+ Micrologic control units			
		Without ammeter	With ammeter (option A)
Basic protection	2.0	33504	33525
Selective protection	5.0	33511	33532
Selective + earth-fault protection	6.0		33533
Selective + earth-leakage protection	7.0		33534

Basic switch-disconnector



Compact NS type NA		
	3P	4P
NS630b	33430	33431
NS800	33432	33433
NS1000	33434	33435
NS1250	33436	33437
NS1600	33438	33439

Basic chassis and connections



Chassis		
	3P	4P
630/1250 A	33722	33725
1600 A	33723	33726
630/1000 A type L		

+ connection		
	3P	4P

Front connection		
Top	33727	33733
Bottom	33728	33734

Rear connection			
Vertical	Top	33729	33735
	Bottom	33730	33736
Horizontal	Top	33731	33737
	Bottom	33732	33738

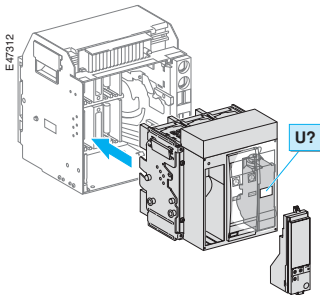
Note: to order a complete device, order:

- a basic circuit breaker and a Micrologic control unit, or a basic switch disconnector
- chassis and connections
- accessories (for the device, the connection, the control unit) and communication option as required.

NS630b to NS1600 electrically operated withdrawable devices

Device based on separate components

Basic circuit breaker



Note: the characteristics of the motor mechanism module for electrical operation are specified separately by selecting a part number from the table at the bottom of this page.

Compact NS type N

Icu = 50 kA at 220/415 V	3P	4P
NS630b	33370	33374
NS800	33380	33384
NS1000	33390	33394
NS1250	33400	33404
NS1600	33410	33414

Compact NS type H

Icu = 70 kA at 220/415 V	3P	4P
NS630b	33371	33375
NS800	33381	33385
NS1000	33391	33395
NS1250	33401	33405
NS1600	33411	33415

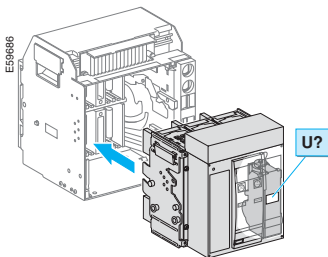
Compact NS type L

Icu = 150 kA at 220/415 V	3P	4P
NS630b	33372	33376
NS800	33382	33386
NS1000	33392	33396

+ Micrologic control units

		Without ammeter	With ammeter (option A)
Basic protection	2.0	33504	33525
Selective protection	5.0	33511	33532
Selective + earth-fault protection	6.0		33533
Selective + earth-leakage protection	7.0		33534

Basic switch-disconnector

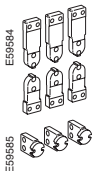
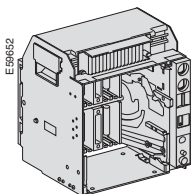


Compact NS type NA

	3P	4P
NS630b	33450	33451
NS800	33452	33453
NS1000	33454	33455
NS1250	33456	33457
NS1600	33458	33459

Note: the characteristics of the motor mechanism module for electrical operation are specified separately by selecting a part number from the table at the bottom of this page.

Chassis and connections



Chassis

	3P	4P
630/1250 A	33722	33725
1600 A	33723	33726
630/1000 A type L		

+ connection

	3P	4P
Front connection		
Top	33727	33733
Bottom	33728	33734

Rear connection

Vertical	Top	33729	33735
	Bottom	33730	33736
Horizontal	Top	33731	33737
	Bottom	33732	33738

Motor mechanism module


AC 50/60 Hz			DC		
	Standard	Communicating		Standard	Communicating
48 V	33831	33838	24-30 V	33830	33837
100-130 V	33827	33834	48-60 V	33831	33838
220-240 V	33828	33835	100-130 V	33832	33839
380-415 V	33829	33836	200-250 V	33833	33840


Note: to order a complete device, order:


- a basic circuit breaker and a Micrologic control unit, or a basic switch disconnector,
- chassis and connections
- accessories (for the device, the connection, the control unit) and communication option as required.


Connection accessories


		Front connection		Rear connection	
--	--	------------------	--	-----------------	--


Bare-cable connectors + 1 connector shield for 4 cables (240 mm ²)					
		3P (3 parts)	33640		
		4P (4 parts)	33641		

1 long connection shield					
		3P	33628		
		4P	33629		

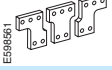
Vertical-connection adapters					
		3P (3 parts)	33642		
		4P (4 parts)	33643		


Cable lug adapters					
		3P (3 parts)	33644		
		4P (4 parts)	33645		

Interphase barriers					
		3P/4P top (3 parts)	33646	3P/4P top (3 parts)	33648
		3P/4P bottom (3 parts)	33646	3P/4P bottom (3 parts)	33648


Arc chute screen					
		3P	33596		
		4P	33597		

Brackets for mounting on a horizontal surface					
				3P/4P (2 parts)	33647

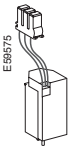
Spreaders					
		3P	33622	3P	33622
		4P	33623	4P	33623

Cable lug kits					
	240 mm ²	3P (6 lug kit)	33013		
		4P (8 lug kit)	33014		
	300 mm ²	3P (6 lug kit)	33015		
		4P (8 lug kit)	33016		



Electrical auxiliaries


Indication contacts					
	OF, SD, SDE	6 A - 240 V	29450	(1)	
		Low level	29452	(1)	

Up to 3 OF, 1 SD and 1 SDE can be connected (the SDE contact is standard for electrically operated devices).

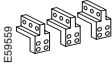


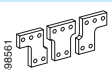

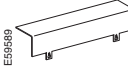
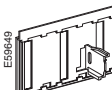


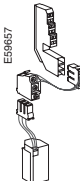
Instantaneous voltage releases						
		MX	MN	Delay unit for MN		
				R (non-adjustable)	Rr (adjustable)	
		12 V DC	33658			
		24-30 V AC/DC	33659	33668		
		48-60 V AC/DC	33660	33669		33680
		100-130 V AC/DC	33661	33670	33684	33681
		200-250 V AC/DC	33662	33671	33685	33682
		240-277 V AC	33663			
	380-480 V AC	33664	33673		33683	

Installation accessories

	Escutcheon (small cut-out) for manually operated device with toggle			33717
		Escutcheon for:		
- device with toggle (large cutout)				
- device with rotary handle - electrically operated device				

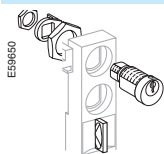
Blanking plate			
			33858

(1) See Compact NS.

Connection accessories				
Vertical-connection adapters for front-connected chassis				
			3P (3 parts)	33642
			4P (4 parts)	33643
Cable lug adapters for front-connected chassis				
			3P (3 parts)	33644
			4P (4 parts)	33645
Interphase barriers for rear-connected chassis				
			3P/4P (3 parts)	33768
Spreaders for front-connected and rear-connected chassis				
			3P (3 parts)	33622
			4P (4 parts)	33623
Cable lug kits				
	240 mm ²		3P (6 lug kit)	33013
			4P (8 lug kit)	33014
	300 mm ²		3P (6 lug kit)	33015
			4P (8 lug kit)	33016
Chassis accessories				
Auxiliary terminal shield (CB)				
			3P	33763
			4P	33764
Safety shutters (VO)				
			3P	33765
			4P	33766
Electrical auxiliaries				
SD trip indication contact for manually operated devices				
			6 A - 240 V	33800
			Low level	33803
SDE fault indication contact for manually operated devices				
			6 A - 240 V	33799
			Low level	33802
OF ON/OFF indication contacts				
			6 A - 240 V	33801
			Low level	33804
			Up to 3 OF contacts per device	
CE, CD, CT carriage switches				
			6 A - 240 V	33170
			Low level	33171
			Up to 3 CE, 1 CT, 2 CD per device	
Instantaneous voltage releases				
		MX	MN	Delay unit for MN
				R (non-adjustable) Rr (adjustable)
	12 V DC	33809		
	24-30 V AC/DC	33810	33819	
	48-60 V AC/DC	33811	33820	33680
	100-130 V AC/DC	33812	33821	33684 33681
	200-250 V AC/DC	33813	33822	33685 33682
240-277 V AC	33814			
380-480 V AC	33815	33824	33683	
Auxiliary terminals for chassis alone				
			3 wire terminal (30 parts)	47071
			6 wire terminal (10 parts)	47072
			Jumpers (10 parts)	47900

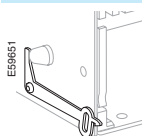
Chassis locking

Keylocking in disconnected position



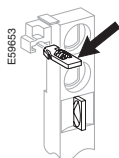
Profalux	1 lock	33773
	1 lock + 1 lock with same key profile	33774
	2 locks (with different key profiles)	33775
Ronis	1 lock	33776
	1 lock + 1 lock with same key profile	33777
	2 locks (with different key profiles)	33778
Option for locking in connected, disconnected and test positions		33779
Keylock kit (without keylocks)		
	Profalux	33769
	Ronis	33770
	Castell	33771
	Kirk	33772

Door interlock



Right side of chassis (VPECD)	33786
Left side of chassis (VPECG)	33787

Racking interlock (VPOC)



33788

Mismatch protection (VDC)



33767

Installation accessories

Escutcheon



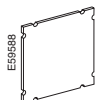
33857

Transparent cover for escutcheon



33859

Blanking plate



33858

Locking for manually operated devices

Removable toggle locking system


	Locking by 3 padlocks	44936
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Fixed toggle locking system

	Locking by 3 padlocks	32631
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Rotary handle for manually operated devices

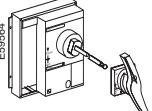
Devices with direct rotary handles

	Handle	Black	33863	
		Red/yellow front	33864	
	Conversion accessory	CNOMO	33866	
	Locking by keylocks		Ronis	Profalux
		OFF position	33870	33869
		OFF and ON positions	33872	33871
Keylock kit (without keylocks)	33868	33868		


Mechanical interlocking

	For 2 devices with extended rotary handles	33890
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Devices with extended rotary handles


	Handle	Black	33875
		Red/yellow front	33879
		Telescopic (for chassis-mounted devices)	33880

Control accessories

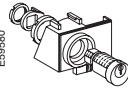
	2 advanced indication contacts (6 A - 240 V)	Early break	33882
		Early make	33883

Locking and accessories for electrically operated devices

Pushbutton locking

	By transparent cover + padlocks	33897
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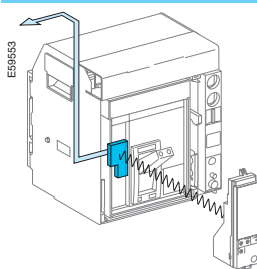
Locking in OFF position

	By Profalux keylocks	1 lock	33902
		1 lock + 1 lock with same key profile	33904
	By Ronis keylocks	1 lock	33903
		1 lock + 1 lock with same key profile	33905
	Keylock kit (without keylocks)	For Profalux keylocks	33898
		For Ronis keylocks	33899
		For Kirk keylocks	47517
		For Castell keylocks	47518

Operation counter CDM

		33895
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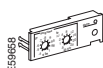
Communications options



For fixed devices		
	Manually operated	Electrically operated
Modbus COM	33702	33708
Eco Modbus COM module	33703	33709
Digipact COM	33705	33711
For moving part		
	Manually operated	Electrically operated
Modbus COM	33842	33848
Eco Modbus COM module	33714	33713
Digipact COM	33845	33851
+ chassis		
Modbus	33852	33852
Digipact	33855	33855

Accessories for Micrologic control units

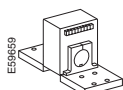
Long-time rating plug (enhanced accuracy by limiting the setting range)



Standard	0.4 to 1 x Ir	33542
Low setting	0.4 to 0.8 x Ir	33543
High setting	0.8 to 1 x Ir	33544
Without long-time protection	OFF	33545

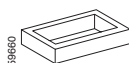
External sensors

External sensor for neutral + earth-fault protection (TCE)



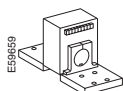
CT rating: 400/1600 A	33576
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Rectangular sensor for earth-leakage protection



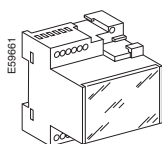
280 mm x 115 mm	33573
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Source ground return (SGR) earth fault protection



External sensor (SGR)	33579
MDGF summing module	48891

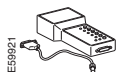
External power supply module



24-30 V DC	54440
48-60 V DC	54441
125 V DC	54442
110 V AC	54443
220 V DC	54444
380 V DC	54445

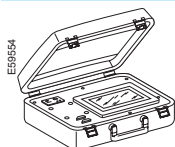
Test equipment

Mini test kit



33594

Portable test kit



33595

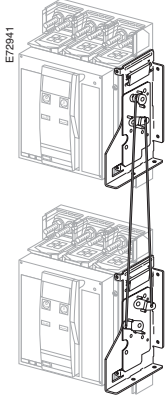
Spare parts



Toggle extension	46996
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Mechanical interlocking for source changeover

Interlocking using connecting rods for Compact electrically operated devices



Complete assembly with 2 adaptation fixtures + rods

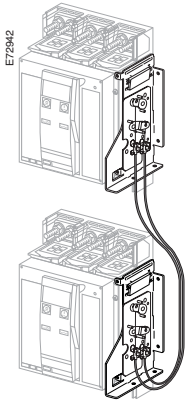
2 Compact fixed devices

33910

2 Compact withdrawable devices

33913

Interlocking using cables for Compact electrically operated devices



Complete assembly with 2 adaptation fixtures + cables

2 Compact fixed devices

33911

2 Compact withdrawable devices

33914

1 Compact fixed + 1 Compact withdrawable device

33915

Note: UA/BA controllers can be utilised with IVE units. Cable loom 54655 required for connection between devices and IVE unit.