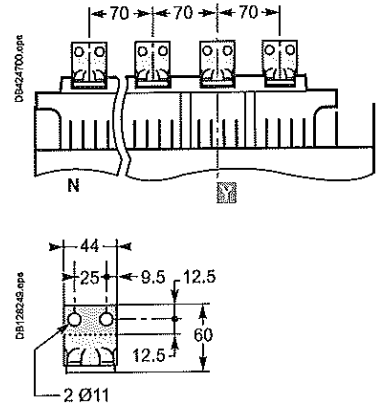
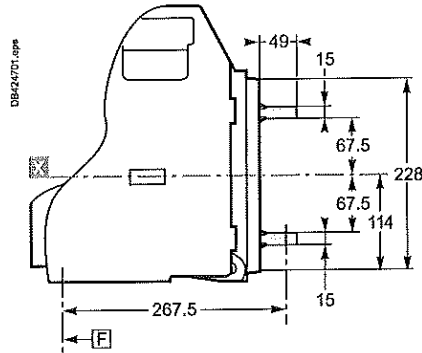
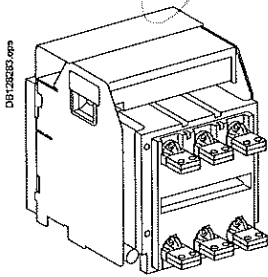
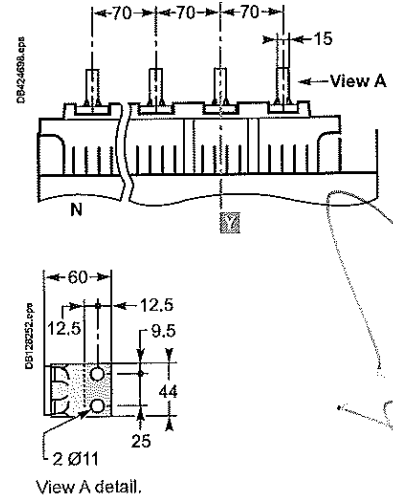
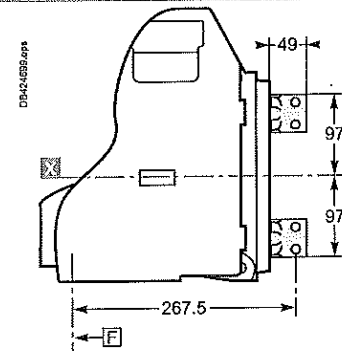
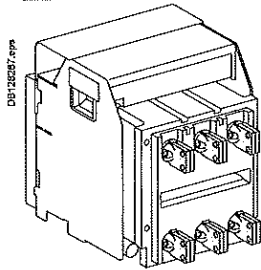


Compact NS630b to 1600 (withdrawable versions) Bars

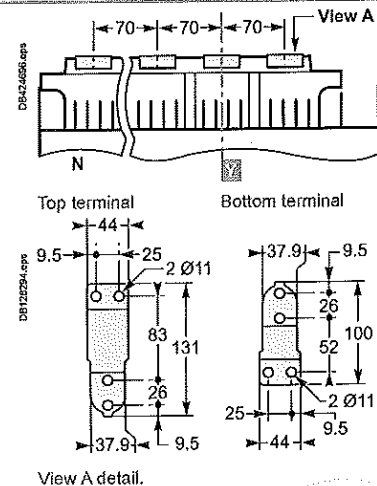
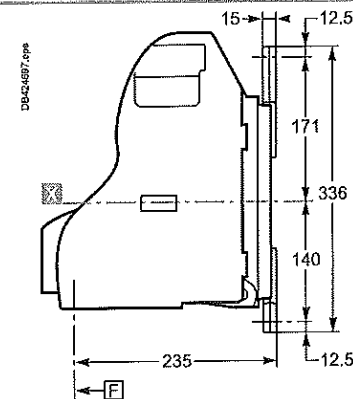
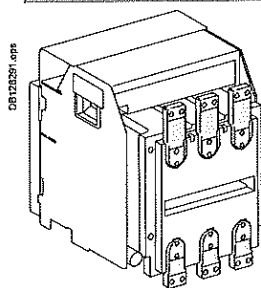
Horizontal rear connection



Vertical rear connection



Front connection



[E] : Datum.

Note: Recommended connection screws: M10 class 8.8. Tightening torque: 50 Nm with contact washer.

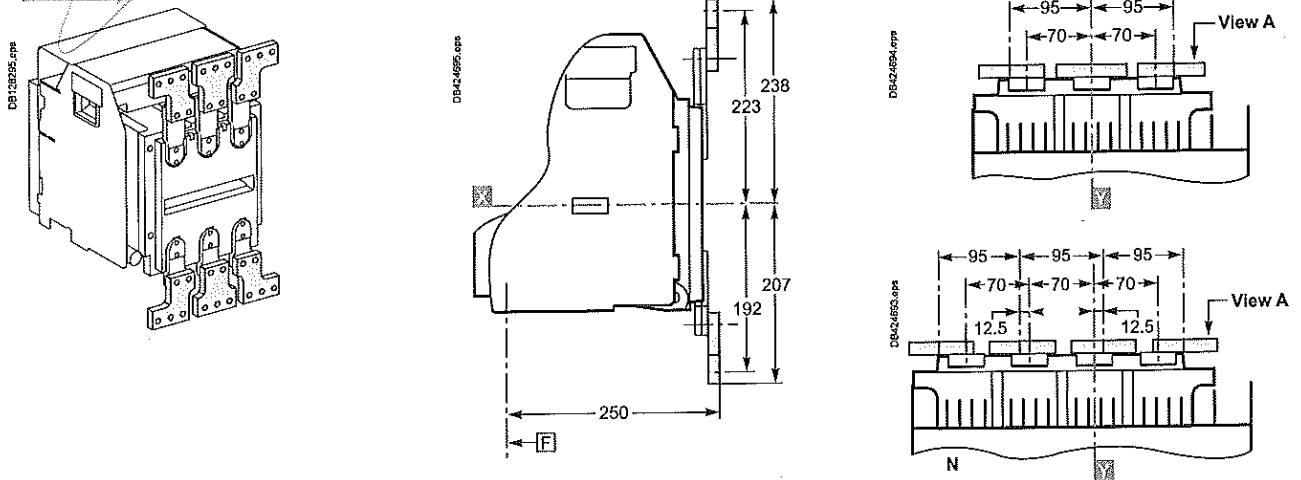
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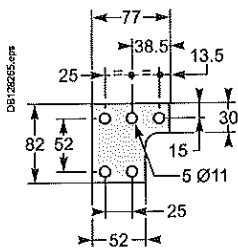
Compact NS630b to 1600 (withdrawable versions) Bars

Front connection with spreaders



Spreader detail

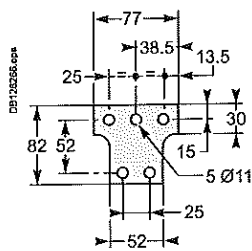
Middle left or middle right spreader for 4P



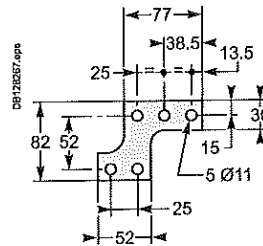
View A detail.

[F] : Datum.

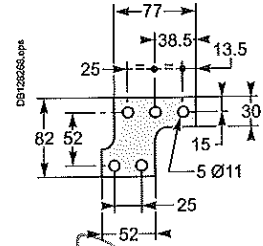
Middle spreader for 3P



Left or right spreader for 4P



Left or right spreader for 3P

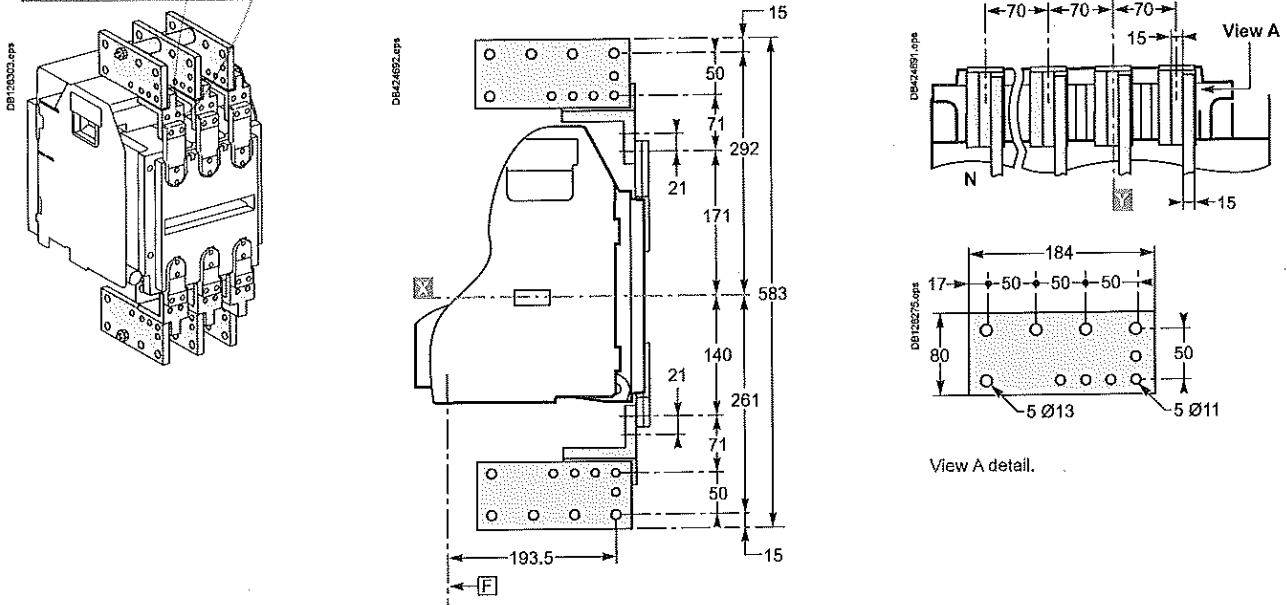


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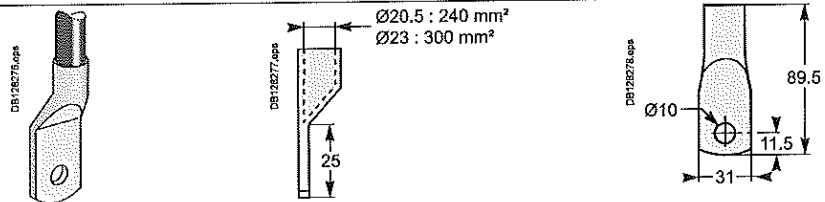


Compact NS630b to 1600 (withdrawable versions) Cables with lugs

Front connection with vertical-connection adapters and cable-lug adapters



Lugs



F: Datum.

Note: and are the symmetry planes for a 3-pole device.
Recommended connection screws: M10 class 8.8.
Tightening torque: 50 Nm with contact washer.

C-22

Life Is On

Schneider
Electric

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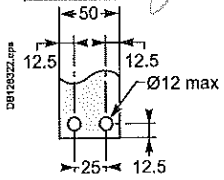


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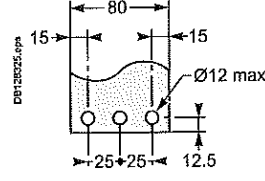
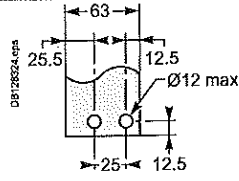
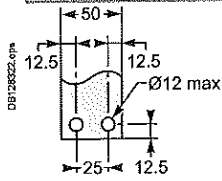
Power connections for Compact NS630b to 1600

Recommended drilling dimensions

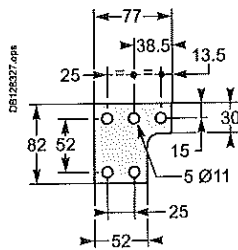
Rear connection



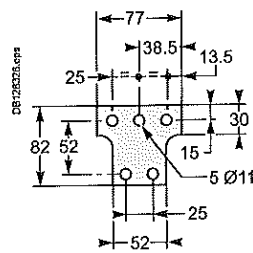
Rear connection with spreaders



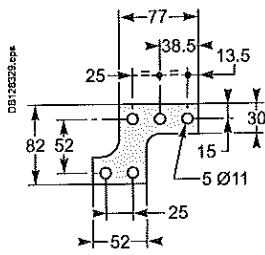
Middle left or middle right spreader for 4P



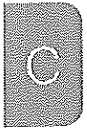
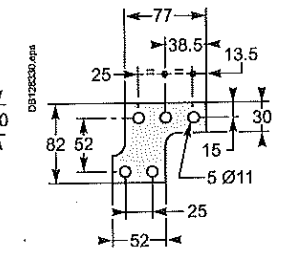
Middle spreader for 3P



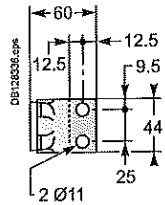
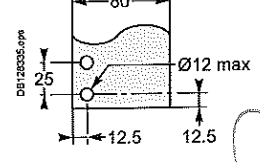
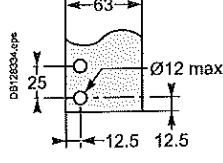
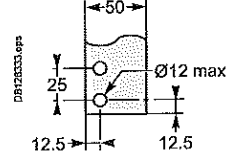
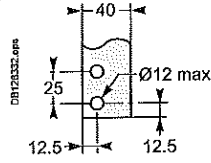
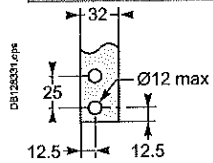
Left or right spreader for 4P



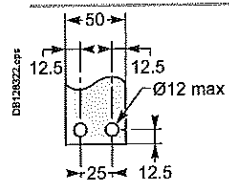
Left or right spreader for 3P



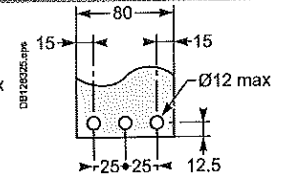
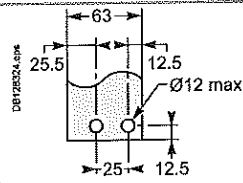
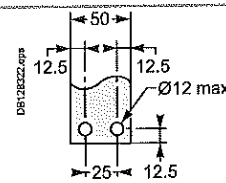
Vertical rear connection



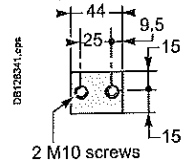
Front connection



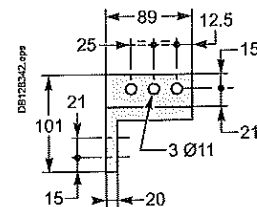
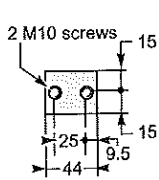
Front connection with vertical-connection adapter



Top terminal



Bottom terminal



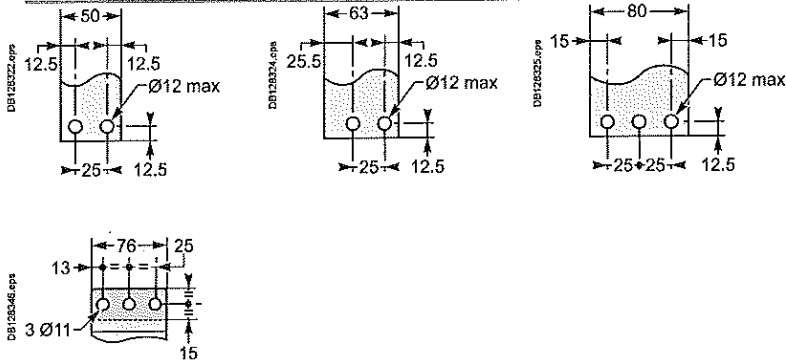
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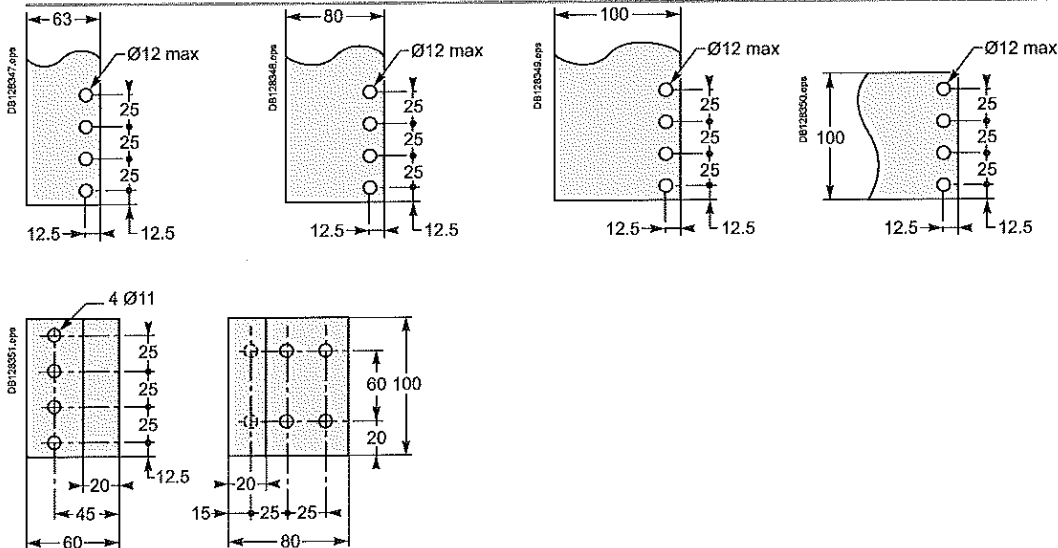
Power connections for Compact NS1600b to 3200

Recommended drilling dimensions

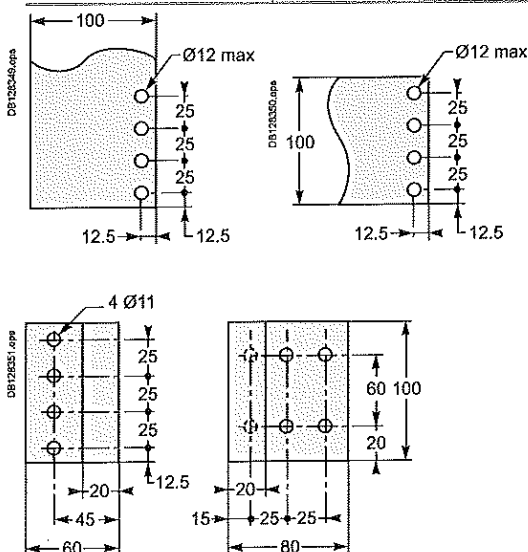
Front connection (NS1600b to 2500)



Front connection with vertical-connection adapter (NS1600b to 2500)



Front connection (NS3200)



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Power connections for Compact NS630b to 3200



Conductor materials and electrodynamic stresses

Compact circuit breakers can be connected indifferently with bare-copper, tinned-copper and tinned-aluminium conductors (flexible or rigid bars, cables). In the event of a short-circuit, thermal and electrodynamic stresses will be exerted on the conductors. They must therefore be correctly sized and maintained in place using supports.

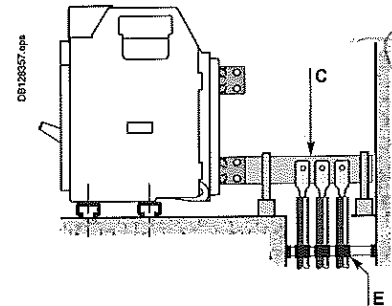
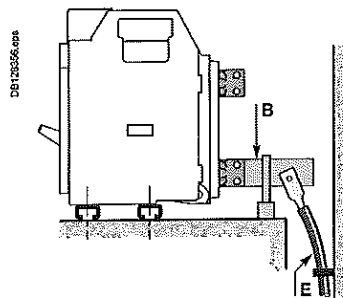
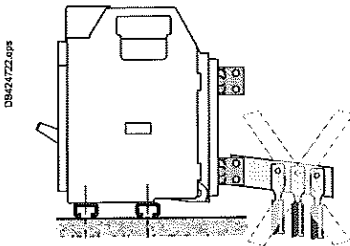
Electrical connection points on all types of devices (switch-disconnectors, contactors, circuit breakers, etc.) should not be used for mechanical support. Any partition between upstream and downstream connections of the device must be made of non-magnetic material.

Ties for flexible bars and cables

The table below indicates the maximum distance between ties depending on the prospective short-circuit current. The maximum distance between ties attached to the switchboard frame is 400 mm.

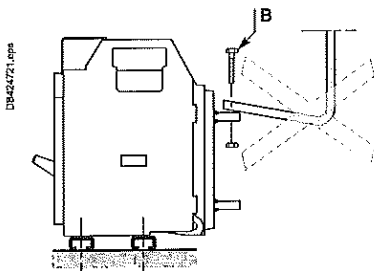
Type of tie	"Panduit" ties			"Sarel" ties					
	Width: 4.5 mm			Width: 9 mm					
	Maximum load: 22 kg			Maximum load: 90 kg					
	Colour: white			Colour: black					
Maximum distance between ties (mm)	200	100	50	350	200	100	70	50	(double ties)
Short-circuit current (kA rms)	10	15	20	20	27	35	45	100	

Note: For cables $\geq 50 \text{ mm}^2$, use 9 mm-wide ties.



Connection of bars

Bars must be adjusted to ensure correct positioning on the terminals before bolting (B). Bars must rest on a support firmly attached to the switchboard frame, such that the circuit breaker terminals do not bear any weight (C).

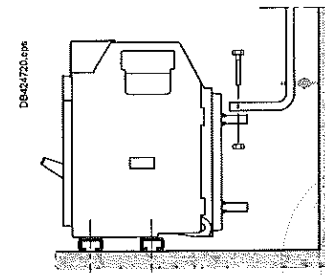
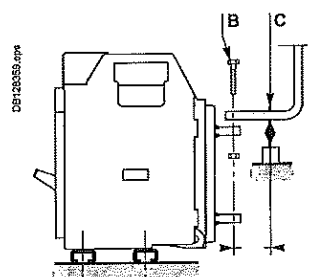


Electrodynamic forces

The first spacer between bars must be positioned within a maximum distance (see table below) of the connection point to the circuit breaker. This distance is calculated to resist the electrodynamic stresses exerted between the bars of each phase during a short-circuit.

Maximum distance A between the circuit breaker connection and the first spacer between bars, depending on the short-circuit current

Isc (kA)	30	50	65	80	100	150
Distance (mm)	350	300	250	150	150	150



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Power connections for Compact NS630b to 3200

Connections

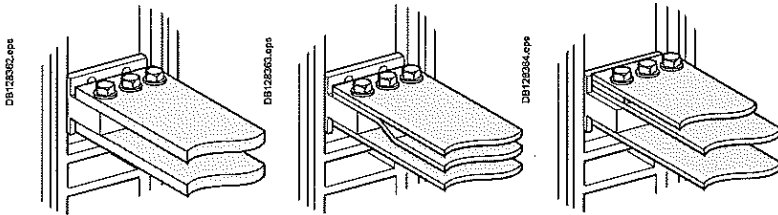
The quality of bar connections depends, among other things, on the tightening torques used for the nuts and bolts. Over-tightening may have the same consequences as under-tightening.

The correct tightening torques for the connection of bars to the circuit breaker terminals are indicated in the table below.

The values below are for copper bars (Cu ETP-NFA51-100) and steel nuts and bolts (class 8.8).

The same values apply to AGS-T52 quality aluminium bars (French standard NFA 02-104 and American National Standard H-35-1).

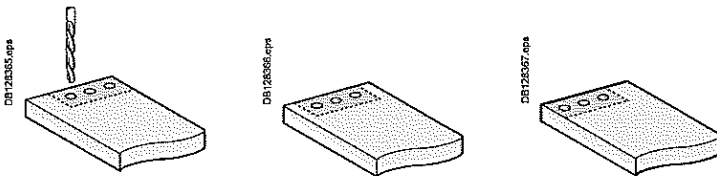
Examples of bar connections



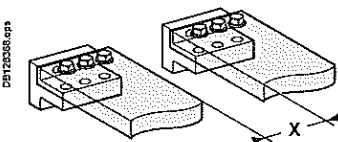
Tightening torque for bars			
Rated diameter (mm)	Drilling (mm) diameter	Tightening torque (Nm) with flat or grower washers	Tightening torque (Nm) with contact or split washers
10	11	37.5	50

Bar drilling

Examples



Insulation distance

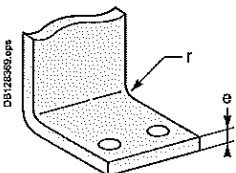


Dimensions (mm)

Utilisation voltage	X minimum
$U_i \leq 600$ V	8 mm
$U_i \leq 1000$ V	14 mm

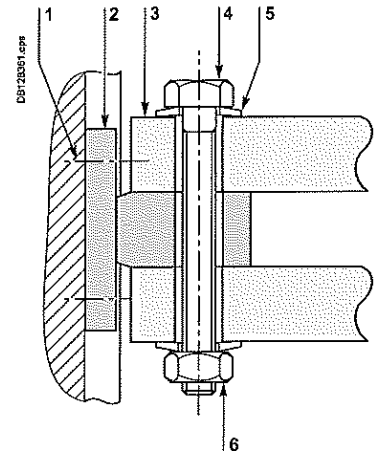
Bar bending

Bars must be bent according to the table below. A tighter bend may cause cracks.



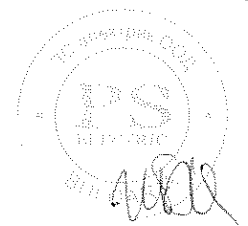
Dimensions (mm)

e	Radius r	
	Minimum	Recommended
5	5	7.5
10	15	18 to 20



- 1 terminal screws, factory tightened to 13 Nm
- 2 circuit breaker terminal
- 3 bars
- 4 bolt
- 5 washer
- 6z nut

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Power connections for Compact NS630b to 3200

Sizing of bars

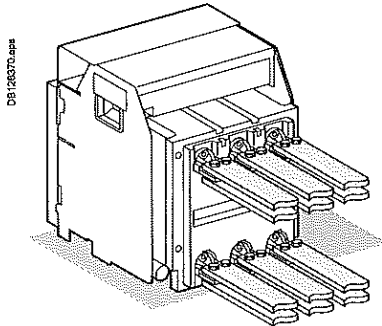
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The following tables are based on the following assumptions:

- maximum permissible temperature of bars is 100 °C
- T_i: temperature around the circuit breaker and its connections
- busbars made of copper and not painted.

Note: The values presented in the tables are the result of trials and theoretical calculations on the basis of the assumptions mentioned above. These tables are intended as an aid in designing connections, however, the actual values must be confirmed by tests on the installation.

Front or horizontal rear connections



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Compact	Maximum service current	T _i : 40 °C		T _i : 50 °C		T _i : 60 °C	
		Number of bars		Number of bars		Number of bars	
		5 mm thick	10 mm thick	5 mm thick	10 mm thick	5 mm thick	10 mm thick
NS630b	400	2b.30 x 5	1b.30 x 10	2b.30 x 5	1b.30 x 10	2b.30 x 5	1b.30 x 10
NS630b	630	2b.40 x 5	1b.40 x 10	2b.40 x 5	1b.40 x 10	2b.40 x 5	1b.40 x 10
NS800	800	2b.50 x 5	1b.50 x 10	2b.50 x 5	1b.50 x 10	2b.50 x 5	1b.63 x 10
NS1000	1000	3b.50 x 5	1b.63 x 10	3b.50 x 5	2b.50 x 10	3b.63 x 5	2b.50 x 10
NS1250	1250	3b.50 x 5	2b.40 x 10	3b.50 x 5	2b.50 x 10	3b.63 x 5	2b.50 x 10
		2b.80 x 5	2b.40 x 10	2b.80 x 5			
NS1600/1600b	1400	2b.80 x 5	2b.40 x 10	2b.80 x 5	2b.50 x 10	3b.80 x 5	2b.63 x 10
NS1600/1600b	1600	3b.80 x 5	2b.63 x 10	3b.80 x 5	2b.63 x 10	3b.80 x 5	3b.50 x 10
NS2000	1800	3b.80 x 5	2b.63 x 10	3b.80 x 5	2b.63 x 10	3b.100 x 5	2b.80 x 10
NS2000	2000	3b.100 x 5	2b.80 x 10	3b.100 x 5	2b.80 x 10	3b.100 x 5	3b.63 x 10
NS2500	2200	3b.100 x 5	2b.80 x 10	3b.100 x 5	2b.80 x 10	4b.80 x 5	2b.100 x 10
NS2500	2500	4b.100 x 5	2b.100 x 10	4b.100 x 5	2b.100 x 10	4b.100 x 5	3b.80 x 10
NS3200	2800	4b.100 x 5	3b.80 x 10	4b.100 x 5	3b.80 x 10	5b.100 x 5	3b.100 x 10
NS3200	3000	5b.100 x 5	3b.80 x 10	6b.100 x 5	3b.100 x 10	8b.100 x 5	4b.80 x 10
NS3200	3200	6b.100 x 5	3b.100 x 10	8b.100 x 5	3b.100 x 10		4b.100 x 10

Note: With Compact NS630b to NS1600, it is recommended to use 50 mm wideness bars (see "Recommended busbars drilling").

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Electrical diagrams

Compact NS630b to 1600	
Fixed circuit breakers	D-2
Withdrawable circuit breakers	D-4
Compact NS1600b to 3200	
Fixed circuit breakers	D-6
Compact NS630b to 3200	
Earth-fault and earth-leakage protectionNeutral protection	
Zone selective interlocking	D-8
Compact NS630b to 3200	
Communication	D-10
Fixed, electrically operated Compact NS630b to 3200	
Connection to the communication interface module	D-11
Connection to the I/O application module and communication interface module ...	D-12
Compact NS630b to 3200	
Connection of the 24 V DC external power supply AD module	D-13



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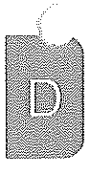
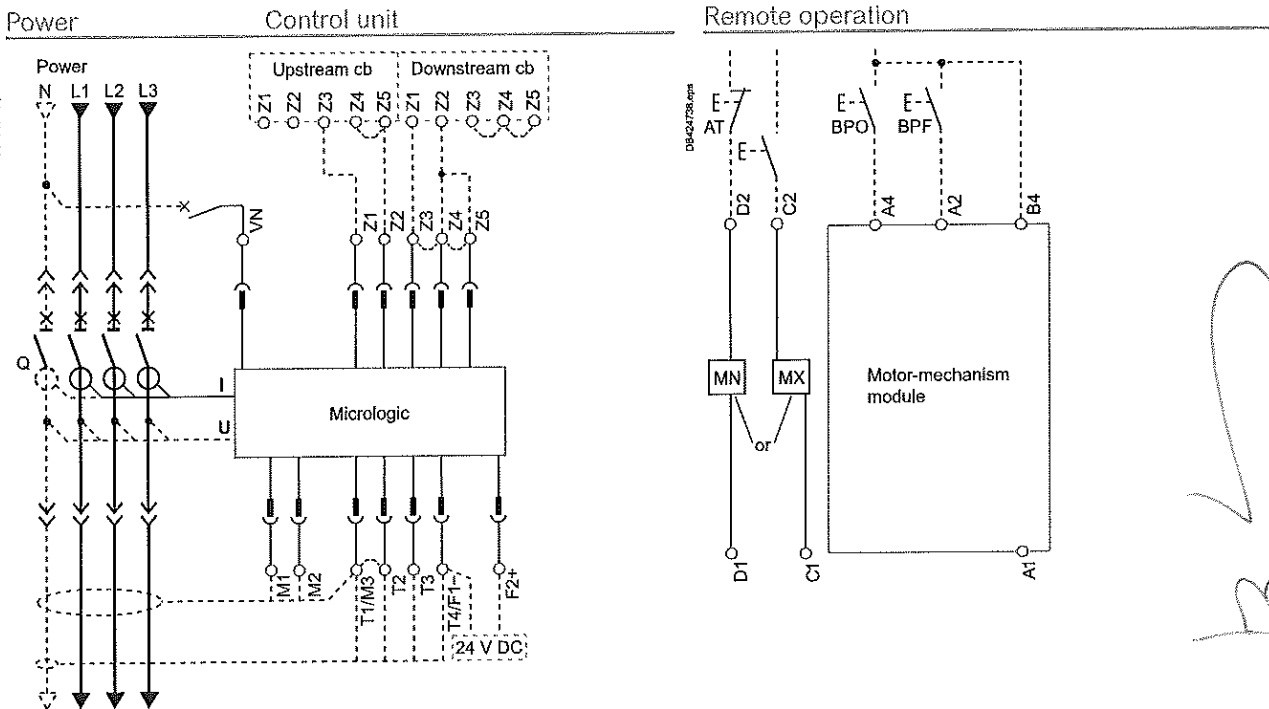
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Compact NS630b to 1600 Fixed circuit breakers

The diagram is shown with circuits de-energised, all devices open, connected and charged and relays in the normal position.



B

Basic	A	E	P
⊗	⊗	⊗	⊗
	⊗	⊗	⊗
	⊗	⊗	⊗
	⊗	⊗	⊗
	⊗	⊗	⊗
	⊗	⊗	⊗
	⊗	⊗	⊗
	⊗	⊗	⊗

Control unit
E1-E6 communication

Z1-Z5 zone selective interlocking:
 Z1 = ZSI OUT SOURCE
 Z2 = ZSI OUT ; Z3 = ZSI IN SOURCE
 Z4 = ZSI IN ST (short time)
 Z5 = ZSI IN GF (earth fault)

M1 = Vigi module input (Micrologic 7)
 M2, M3 = Vigi module input (Micrologic 7)

T1, T2, T3, T4 = external neutral;
 M2, M3 = Vigi module input (Micrologic 7)

F2+, F1- external 24 V DC power supply

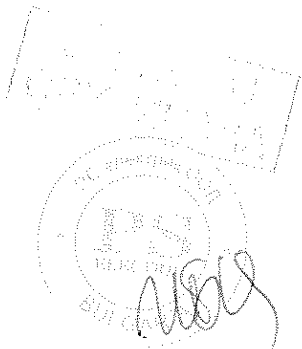
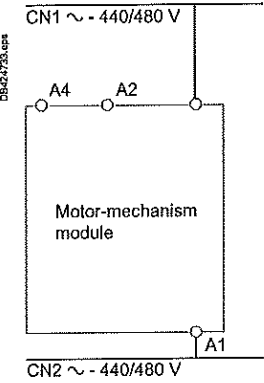
VN external voltage connector (must be connected to the neutral with a 3P circuit breaker)

Remote operation
 M : undervoltage release
 or
 MX: shunt release

Motor-mechanism module ^[1]
 A4: electrical opening order
 A2: electrical closing order
 B4, A1: power supply for control devices and gear motor

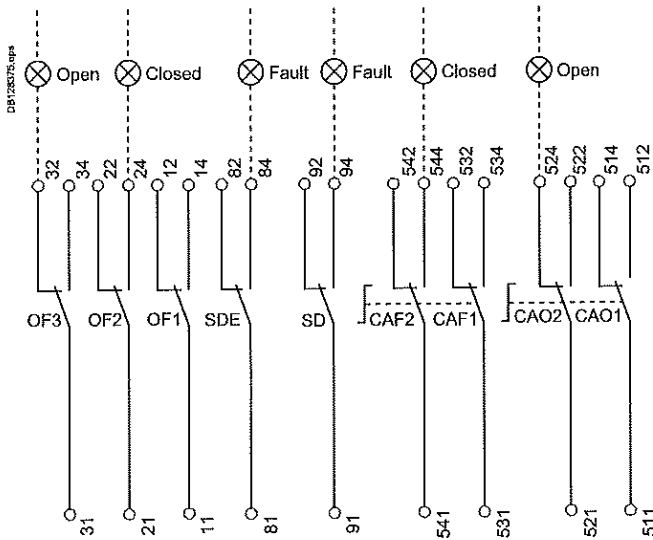
[1] Spring-charging motor 440/480 V AC (380 V motor + additional resistor)

E : energy
 A : digital ammeter.
 P : A + power meter + additional protection.

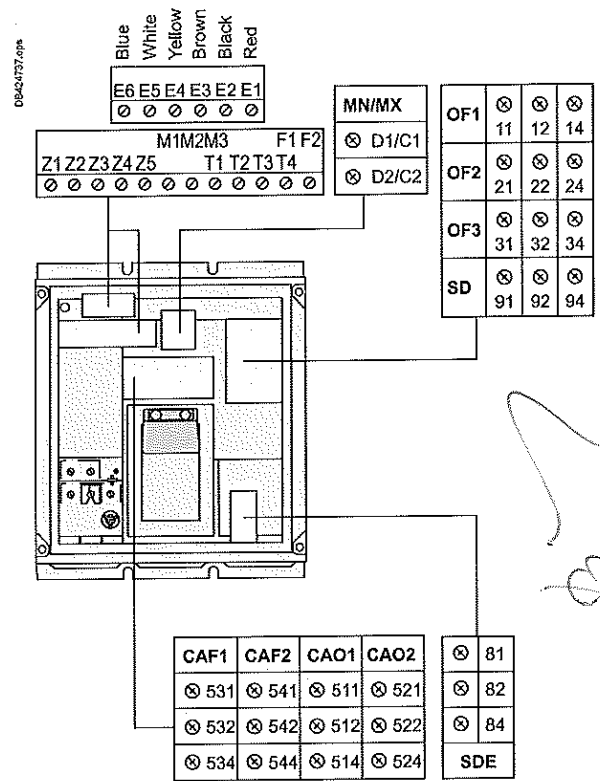


Electrical diagrams Compact NS630b to 1600 Fixed circuit breakers

Indication contacts



Terminal-block marking (manual operation)



Indication contacts

OF3 / OF2 / OF1: indication contacts

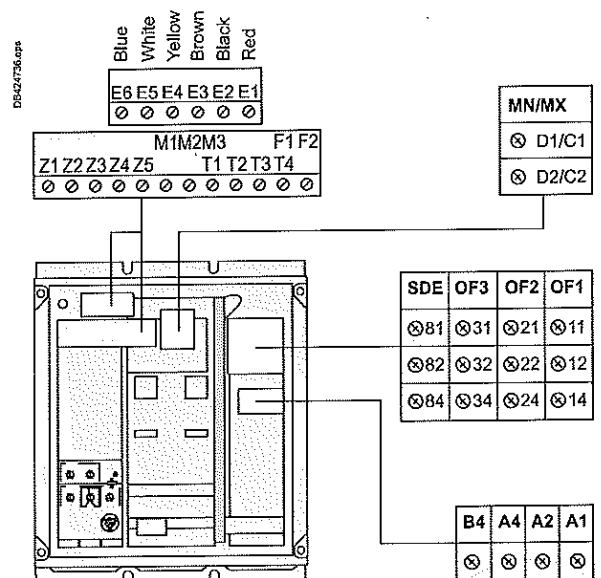
SDE: fault-trip indication contact (short-circuit, overload, earth fault)

SD: trip indication contact (manual operation)

CAF2/CAF1: early-make contact (rotary handle)

CAO2 / CAO1: early-break contact (rotary handle)

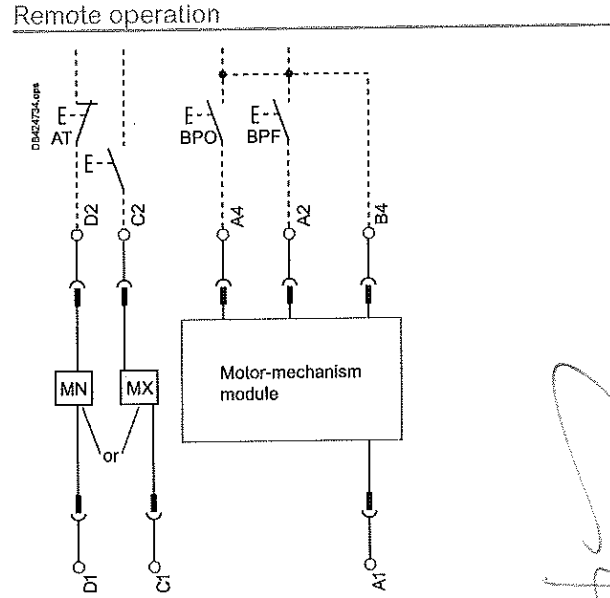
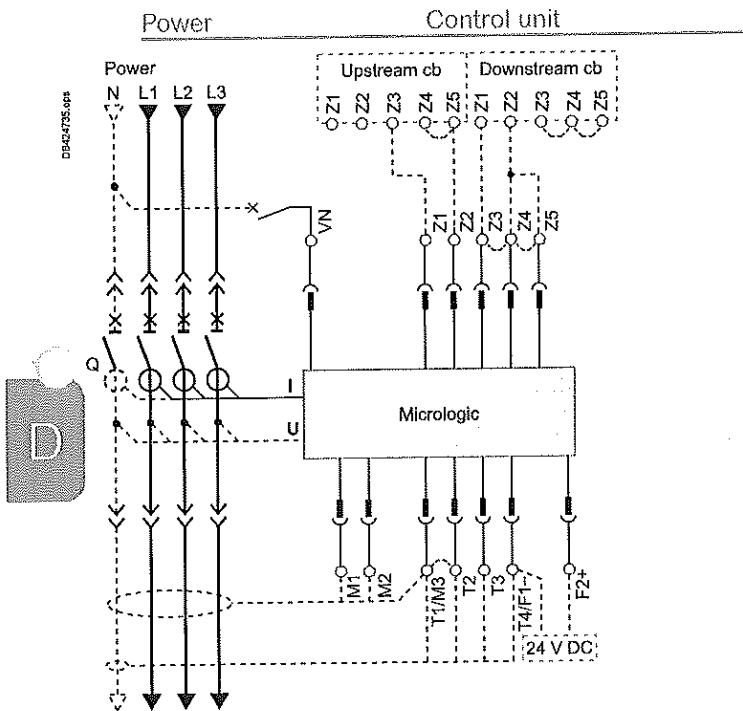
Terminal-block marking (electrical operation)



Electrical diagrams

Compact NS630b to 1600 Withdrawable circuit breakers

The diagram is shown with circuits de-energised, all devices open, connected and charged and relays in the normal position.



Terminal-block marking

Control unit	
Com	UC1 UC2 UC3 CAF2
E5 E6	Z5 M1 M2M3 F2+ 544
E3 E4	Z3 Z4 T3 T4 VN 542
E1 E2	Z1 Z2 T1 T2 F1- 541

Remote operation	
MN / MX	MT2 MT1
D2 / C2	A4 A2
	B4
D1 / C1	A1

Basic	A	E	P	Control unit
⊙	⊙	⊙	⊙	Com: E1-E6 communication
	⊙	⊙	⊙	UC1: Z1-Z5 zone selective interlocking: Z1 = ZSI OUT SOURCE Z2 = ZSI OUT; Z3 ZSI IN SOURCE Z4 = ZSI IN ST (short time) Z5 = ZSI IN GF (earth fault)
	⊙	⊙	⊙	M1 = Vigi module input (Micrologic 7)
	⊙	⊙	⊙	UC2: T1, T2, T3, T4 = external neutral; M2, M3 = Vigi module input (Micrologic 7)
	⊙	⊙	⊙	UC3: F2+, F1- external 24 V DC power supply VN external voltage connector (must be connected to the neutral with a 3P circuit breaker)

Remote operation
MN: undervoltage release
 or
MX: shunt release
Motor-mechanism module
MT2: A4 : electrical opening order
MT1: A2 : electrical closing order
B4, A1 : power supply for control devices and gear motor (MCH)

A : digital ammeter.
 P : A + power meter + additional protection.

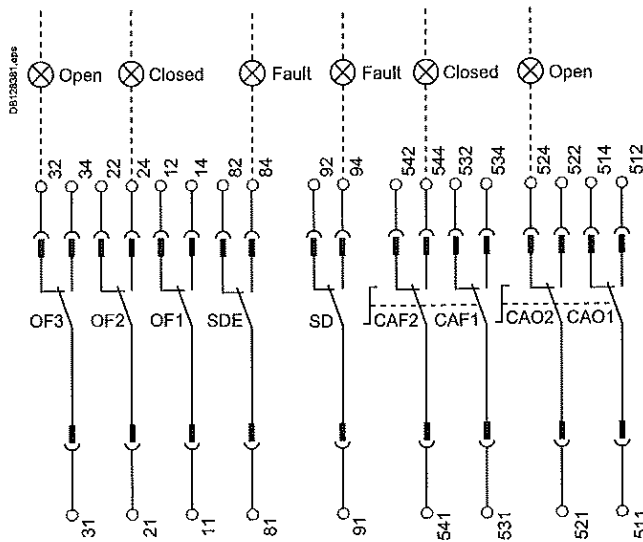
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Handwritten stamp: OPIKOVAN

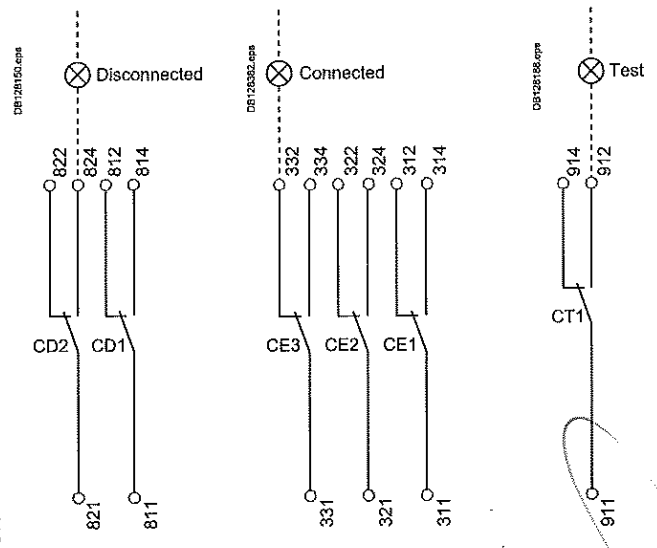
Handwritten signature and circular stamp



Indication contacts



Carriage switches



Indication contacts

CAF2	CAF1	SDE	SD	CAO2	CAO1	OF3	OF2	OF1
544	534	84	94	524	514	34	24	14
542	532	82	92	522	512	32	22	12
541	531	81	91	521	511	31	21	11

Carriage switches

CD2	CD1	CE3	CE2	CE1	CT1
824	814	334	324	314	914
822	812	332	322	312	912
821	811	331	321	311	911

Indication contacts

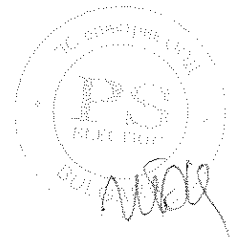
- OF3 / OF2 / OF1: indication contacts
- SDE: fault-trip indication contact (short-circuit, overload, earth fault)
- SD: trip indication contact (manual operation)
- CAF2/CAF1: early-make contact (rotary handle)
- CAO2 / CAO1: early-break contact (rotary handle)

Carriage switches

- CD2: disconnected
- CD1: position
- CE3: connected
- CE2: position
- CE1: position
- CT1: test position

Legend

Connected (only one wire per connection point).



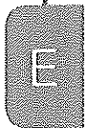
Handwritten signature

Handwritten mark

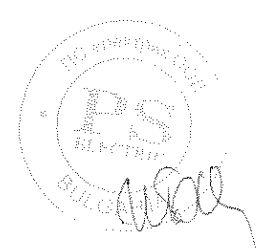
Additional characteristics

Tripping curves
Compact NS630b to 3200 E-2
Current-limiting curves E-3

Handwritten mark



Handwritten signature

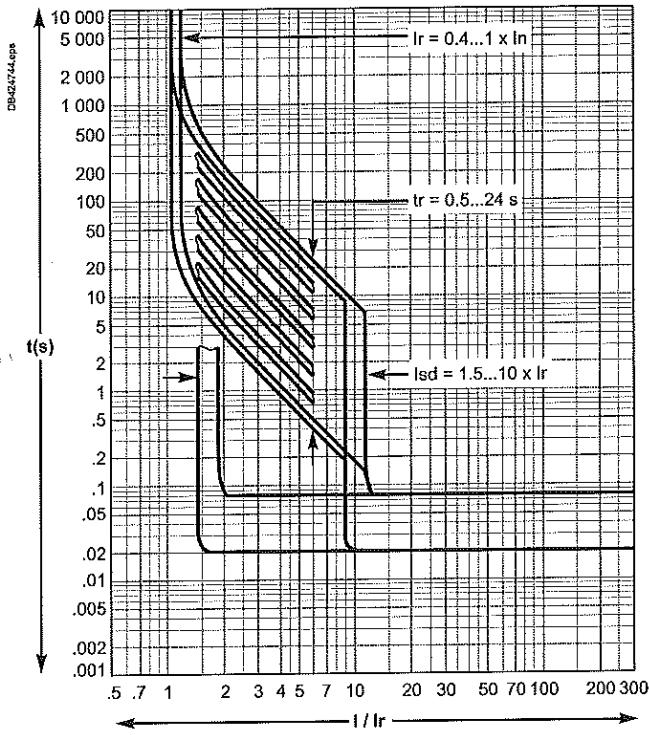


Tripping curves

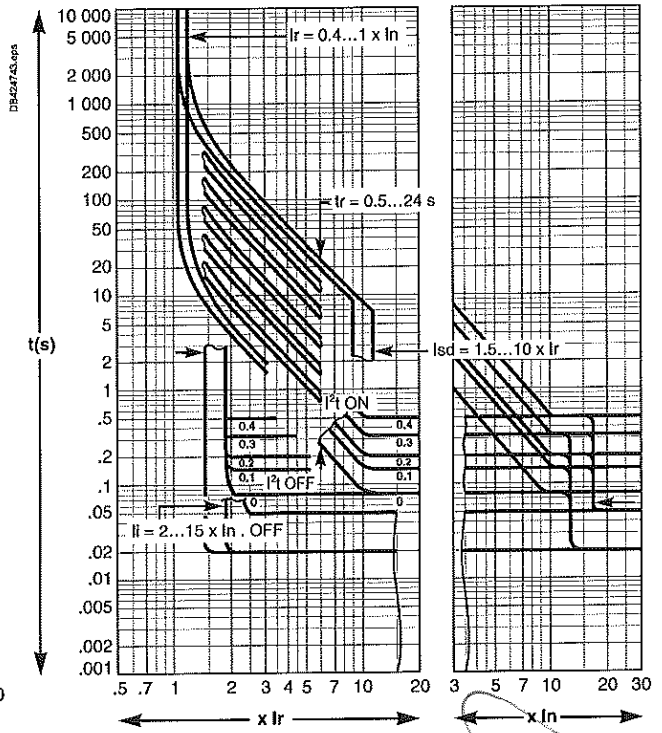
Compact NS630b to 3200

Micrologic electronic control units

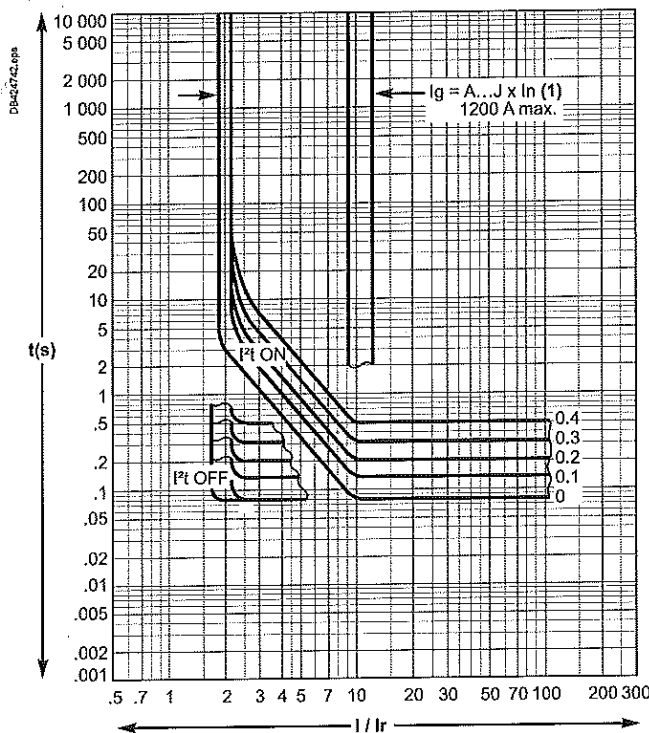
Micrologic 2.0



Micrologic 5.0, 6.0, 7.0



Earth-fault protection (Micrologic 6.0)



[1]

$I_g = I_n \times \dots$	A	B	C	D	E	F	G	H	J
$I_n < 400 \text{ A}$	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
$400 \text{ A} \leq I_n \leq 1200 \text{ A}$	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
$I_n > 1200 \text{ A}$	500	640	720	800	880	960	1040	1120	1200

The limiting capacity of a circuit breaker is its aptitude to limit short-circuit currents.

$I_{cs} = 100\% I_{cu}$

The exceptional limiting capacity of the Compact NS range greatly reduces the forces created by fault currents in devices.

The result is a major increase in breaking performance. In particular, the service breaking capacity I_{cs} is equal to 100 % of I_{cu} for limiter circuit breaker.

The I_{cs} value, defined by IEC standard 60947-2, is guaranteed by tests comprising the following operations:

- break three times consecutively a fault current equal to 100 % of I_{cu}
- check that the device continues to function normally:
- it conducts the rated current without abnormal temperature rise
- protection functions perform within the limits specified by the standard
- suitability for isolation is not impaired.

Longer service life of electrical installations

Current-limiting circuit breakers greatly reduce the negative effects of short-circuits on installations.

Thermal effects

Less temperature rise in conductors, therefore longer service life for cables.

Mechanical effects

Reduced electrodynamic forces, therefore less risk of electrical contacts or busbars being deformed or broken.

Electromagnetic effects

Less disturbances for measuring devices located near electrical circuits.

Economy by means of cascading

Cascading is a technique directly derived from current limiting. Circuit breakers with breaking capacities less than the prospective short-circuit current may be installed downstream of a limiting circuit breaker. The breaking capacity is reinforced by the limiting capacity of the upstream device.

It follows that substantial savings can be made on downstream equipment and enclosures.

Current-limiting curves

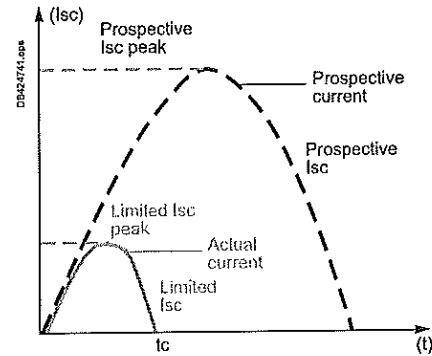
The current-limiting capacity of a circuit breaker is expressed by two curves which are a function of the prospective short-circuit current (the current which would flow if no protection devices were installed):

- the actual peak current (limited current),
- thermal stress (A^2s), i.e. the energy dissipated by the short-circuit in a conductor with a resistance of 1Ω .

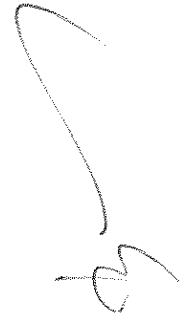
Example

What is the real value of a 200 kA rms prospective short-circuit (i.e. 440 kA peak) limited by an NS630bLB upstream ?

Answer: 70 kA peak (see next page).



The exceptional limiting capacity of the Compact NS range is due to the rotating double-break technique (very rapid natural repulsion of contacts and the appearance of two arc voltages in-series with a very steep wave front).



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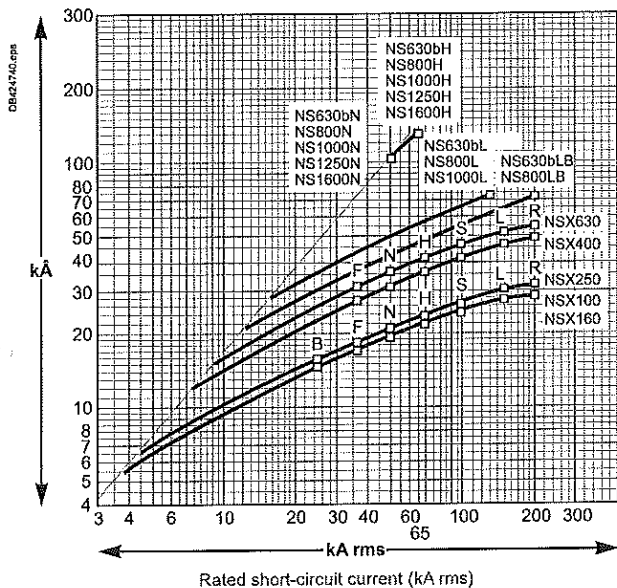
Additional characteristics

Current-limiting curves

Current-limiting curves

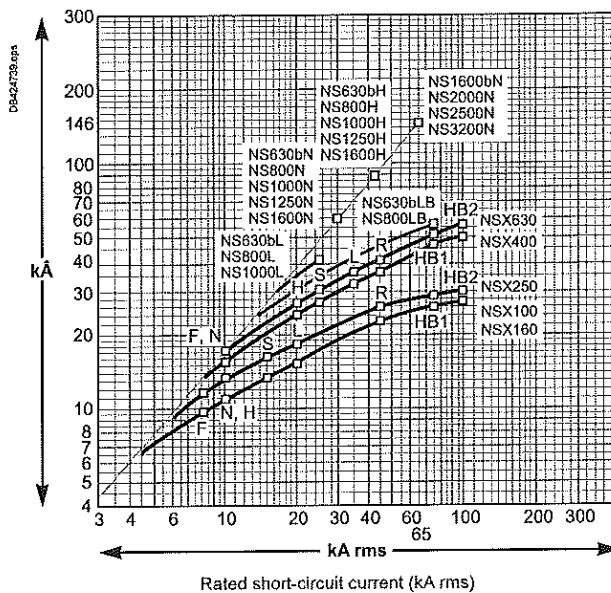
Voltage 400/440 V AC (*)

Limited short-circuit current (kA peak)



Voltage 660/690 V AC

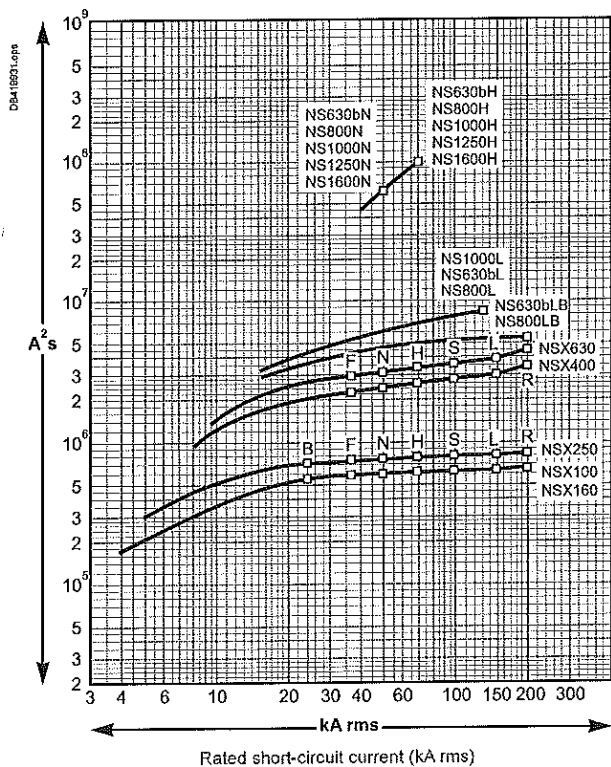
Limited short-circuit current (kA peak)



Thermal-stress curves

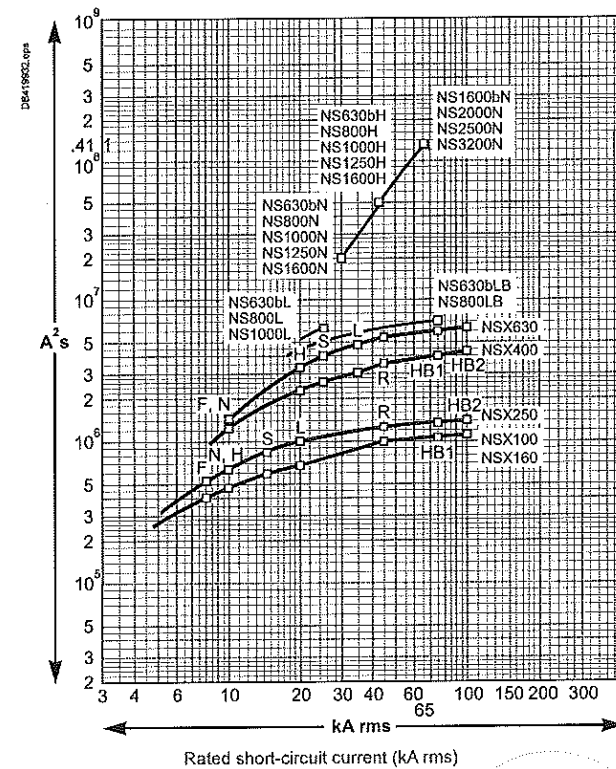
Voltage 400/440 V AC (*)

Limited energy



Voltage 660/690 V AC

Limited energy



[*] Valid for 480 V Nema.

Handwritten signature and stamp.

Official stamp: PS, BULGARIA, with handwritten signature.

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Catalogue numbers and order forms

NS630b to NS1600 fixed manually operated	
Complete device.....	F-2
Device based on separate components.....	F-4
NS630b to NS1600 fixed electrically operated	
Device based on separate components.....	F-5
NS630b to NS1600 manually operated withdrawable devices	
Device based on separate components.....	F-6
NS630b to NS1600 electrically operated withdrawable devices	
Device based on separate components.....	F-7
Accessories for NS630b to NS1600 fixed devices.....	F-8
Accessories for NS630b to NS1600 withdrawable devices.....	F-9
Accessories for NS630b to NS1600 fixed and withdrawable devices.....	
Mechanical interlocking.....	F-12
Communication option for NS630b to NS1600 fixed and withdrawable devices.....	
	F-13
NS1600b to NS3200 fixed, front-connected, manually operated device.....	
	F-14
Accessories for NS1600b to NS3200.....	F-15
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Connection.....	F-16
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Micrologic control unit, external sensor.....	F-18
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Mechanical interlocking for source changeover.....	F-20
Spare parts: NS630b to NS1600 withdrawable circuit breaker	
Connection.....	F-21
Electrical auxiliaries.....	F-22
Installation accessories.....	F-23
Micrologic control unit, external sensor.....	F-24
Locking and accessories.....	F-25
Chassis locking and accessories Mechanical interlocking for source changeover..	F-26
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Spare parts: Communication bus accessories, monitoring and control, ethernet gateway.....	
	F-28
Spare parts: Compact NS1600b to 3200	
Connection, locking and installation accessories.....	F-29
Micrologic control unit, external sensor.....	F-30
Order form: Compact NS630b to NS3200	
Circuit breakers and switch-disconnectors.....	F-31

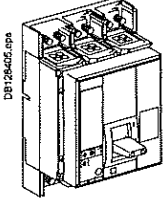
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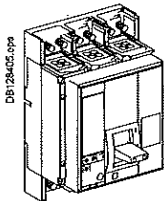
NS630b to NS1600 fixed manually operated Complete device

Front-connected circuit breaker with Micrologic 2.0 control unit

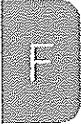


Compact NS type N		
Icu = 50 kA at 220/415 V	3P	4P
NS630b	33460	33463
NS800	33466	33469
NS1000	33472	33475
NS1250	33478	33480
NS1600	33482	33484
Compact NS type H		
Icu = 70 kA at 220/415 V	3P	4P
NS630b	33461	33464
NS800	33467	33470
NS1000	33473	33476
NS1250	33479	33481
NS1600	33483	33485
Compact NS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

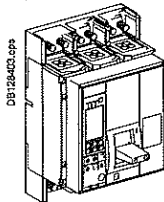
Front-connected circuit breaker with Micrologic 5.0 control unit



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

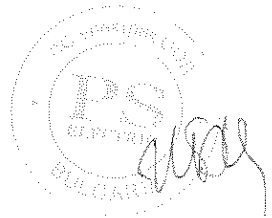


Front-connected circuit breaker with Micrologic 6.0 control unit



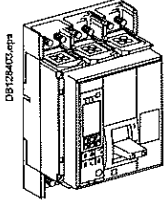
Compact NS type N		
Icu = 50 kA at 220/415 V	3P	4P
NS630b	33886	33888
NS800	33893	33896
NS1000	33909	33917
NS1250	33919	33923
NS1600	33925	33927
Compact NS type H		
Icu = 70 kA at 220/415 V	3P	4P
NS630b	33887	33889
NS800	33894	33901
NS1000	33916	33918
NS1250	33922	33924
NS1600	33926	33928

Handwritten text: "СЕРТИФИКАЦИЯ" (CERTIFICATION)



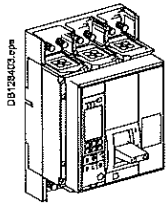
NS630b to NS1600 fixed manually operated Complete device

Front-connected circuit breaker with Micrologic 2.0 A control unit



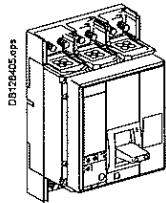
Compact NS type N Icu = 50 kA at 220/415 V		
NS630b	3P	33223
NS800		33233
NS1000		33243
NS1250		33253
NS1600		33263
Compact NS type H Icu = 70 kA at 220/415 V		
NS630b	3P	33228
NS800		33238
NS1000		33248
NS1250		33258
NS1600		33268
Compact NS type L Icu = 150 kA at 220/415 V		
NS630b	3P	33497
NS800		33498
NS1000		33499

Front-connected circuit breaker with Micrologic 5.0 A control unit



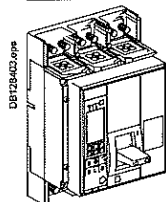
Compact NS type N Icu = 50 kA at 220/415 V		
NS630b	3P	33323
NS800		33333
NS1000		33343
NS1250		33353
NS1600		33363
Compact NS type H Icu = 70 kA at 220/415 V		
NS630b	3P	33328
NS800		33338
NS1000		33348
NS1250		33358
NS1600		33368
Compact NS type L Icu = 150 kA at 220/415 V		
NS630b	3P	33516
NS800		33517
NS1000		33518

Fixed front connected Micrologic 2.0 E



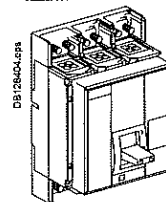
Compact NS type N		
NS630b	3P	34400
NS800		34404
NS1000		34408
NS1250		34412
NS1600		34416
Compact NS type H		
NS630b	3P	34401
NS800		34405
NS1000		34409
NS1250		34413
NS1600		34417

Fixed front connected Micrologic 5.0 E



Compact NS type N		
NS630b	3P	34420
NS800		34424
NS1000		34428
NS1250		34432
NS1600		34436
Compact NS type H		
NS630b	3P	34421
NS800		34425
NS1000		34429
NS1250		34433
NS1600		34437

Front-connected switch-disconnector



3P		
NS630b		33486
NS800		33487
NS1000		33488
NS1250		33489
NS1600		33490

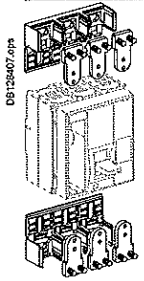
4P		
		33491
		33492
		33493
		33494
		33495

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

NS630b to NS1600 fixed manually operated

Device based on separate components

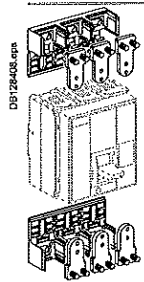
Basic circuit breaker



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
Compact NS type LB Icu = 200 kA at 400/415 V		3P	4P
NS630b		48952	48955
NS800		48953	48956
Micrologic control units Without "measurement"			3P/4P
Micrologic 2.0	basic protection		33504
Micrologic 5.0	selective protection		33511
Micrologic 6.0	selective + earth-fault protection		33515
"ammeter" A			3P/4P
Micrologic 2.0 A	basic protection		33505
Micrologic 5.0 A	selective protection		33512
Micrologic 6.0 A	selective + earth-fault protection		33513
Micrologic 7.0 A	selective + earth-leakage protection		33514
"energy" E ⁽¹⁾			3P/4P
Micrologic 2.0 E	basic protection		33535
Micrologic 5.0 E	selective protection		33537
Micrologic 6.0 E	selective + earth-fault protection		33539
"power meter" P ⁽¹⁾			3P/4P
Micrologic 5.0 P	selective protection		65290
Micrologic 6.0 P	selective + earth-fault protection		65291
Micrologic 7.0 P	selective + earth-leakage protection		65292

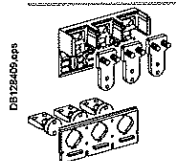
[2] In case of an installation 3P + Neutral, please add ENVT device ref. 65317 (see page F-13).

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

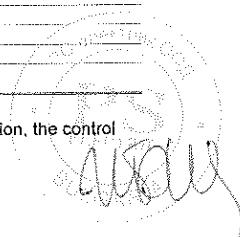


Front connection			3P	4P
630-1000 A - NA/N/H	Top		33598	33608
	Bottom		33599	33609
1250 A - NA/N/H	Top		33600	33610
	Bottom		33601	33611
630-1000 A - L	Top		33602	33612
	Bottom		33603	33613
Rear connection			3P	4P
Vertical NA/N/H/L/B	Top		33604	33614
	Bottom		33605	33615
Horizontal NA/N/H/L/B	Top		33606	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.

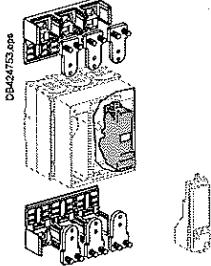
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33220
33221
33222
33223
33224
33225
33226
33227
33228
33229



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 "measurement"		
		3P/4P
Micrologic 2.0	basic protection	33504
Micrologic 5.0	selective protection	33511
Micrologic 6.0	selective + earth-fault protection	33515

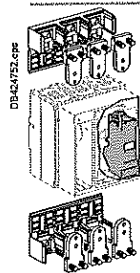
		3P/4P
Micrologic 2.0 A	basic protection	33505
Micrologic 5.0 A	selective protection	33512
Micrologic 6.0 A	selective + earth-fault protection	33513
Micrologic 7.0 A	selective + earth-leakage protection	33514

		3P/4P
Micrologic 2.0 E	basic protection	33535
Micrologic 5.0 E	selective protection	33537
Micrologic 6.0 E	selective + earth-fault protection	33539

[1] In case of an installation 3P + Neutral, please add ENVT device ref. 65317 (see page F-13).

		3P/4P
Micrologic 5.0 P	selective protection	65290
Micrologic 6.0 P	selective + earth-fault protection	65291
Micrologic 7.0 P	selective + earth-leakage protection	65292

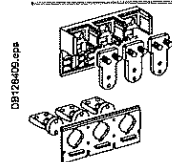
Basic switch-disconnector



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



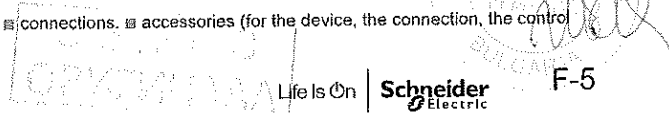
Front connection			
		3P	4P
630-1000 A - NA/N/H	Top	33598	33608
	Bottom	33599	33609
1250 A - NA/N/H	Top	33600	33610
	Bottom	33601	33611
630-1000 A - L	Top	33602	33612
	Bottom	33603	33613
Rear connection			
Vertical NA/N/H/L	Top	33604	33614
	Bottom	33605	33615
Horizontal NA/N/H/L	Top	33606	33616
	Bottom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

Motor mechanism module

	AC 50/60 Hz		DC		
	Standard	Communicating	Standard	Communicating	
48 V	33691 [1]	33698 [2]	24/30 V	33690 [1]	33697 [2]
100/130 V	33687 [1]	33694 [2]	48/60 V	33691 [1]	33698 [2]
220/240 V	33688 [1]	33695 [2]	100/130 V	33692 [1]	33699 [2]
380/415 V	33689 [1]	33696 [2]	200/250 V	33693 [1]	33700 [2]

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.

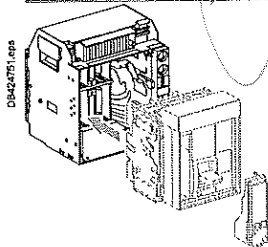
[2] Consult us.



NS630b to NS1600 manually operated withdrawable devices

Device based on separate components

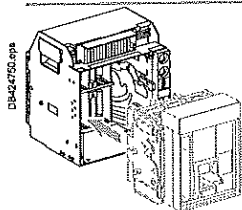
Basic circuit breaker



Compact NS type N		3P	4P
Icu = 50 kA at 220/415 V			
NS630b		33320	33324
NS800		33330	33334
NS1000		33340	33344
NS1250		33350	33354
NS1600		33360	33364
Compact NS type H		3P	4P
Icu = 70 kA at 220/415 V			
NS630b		33321	33325
NS800		33331	33335
NS1000		33341	33345
NS1250		33351	33355
NS1600		33361	33365
Compact NS type L		3P	4P
Icu = 150 kA at 220/415 V			
NS630b		33322	33326
NS800		33332	33336
NS1000		33342	33346
Compact NS type LB		3P	4P
Icu = 200 kA at 400/415 V			
NS630b		48967	48971
NS800		48968	48972
Micrologic control units		Without "measurement"	
			3P/4P
Micrologic 2.0	basic protection		33504
Micrologic 5.0	selective protection		33511
Micrologic 6.0	selective + earth-fault protection		33515
ammeter A			
			3P/4P
Micrologic 2.0 A	basic protection		33525
Micrologic 5.0 A	selective protection		33532
Micrologic 6.0 A	selective + earth-fault protection		33533
Micrologic 7.0 A	selective + earth-leakage protection		33534
energy E (1)			
			3P/4P
Micrologic 2.0 E	basic protection		33536
Micrologic 5.0 E	selective protection		33538
Micrologic 6.0 E	selective + earth-fault protection		33540
power meter P (1)			
			3P/4P
Micrologic 5.0 P	selective protection		65293
Micrologic 6.0 P	selective + earth-fault protection		65294
Micrologic 7.0 P	selective + earth-leakage protection		65295

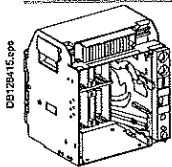
[1] In case of an installation 3P + Neutral, please add ENVT device ref. 65316 (see page F-13).

Basic switch-disconnector



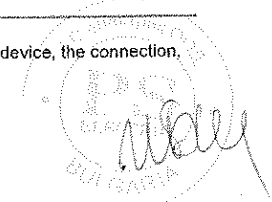
Compact NS type NA		3P	4P
NS630b		33430	33431
NS800		33432	33433
NS1000		33434	33435
NS1250		33436	33437
NS1600		33438	33439

Basic chassis and connections



Chassis		3P	4P
630-1250 A - NA/N/H		33722	33725
1600 A - NA/N/H		33723	33726
630/800 A - LB			
630-1000 A - L			
+ connection			
		3P	4P
Front connection			
Top NA/N/H/L/LB		33727	33733
Bottom NA/N/H/L/LB		33728	33734
Rear connection			
Vertical NA/N/H/L/LB	Top	33729	33735
	Bottom	33730	33736
Horizontal	Top	33731	33737
NA/N/H/L/LB	Bottom	33732	33738

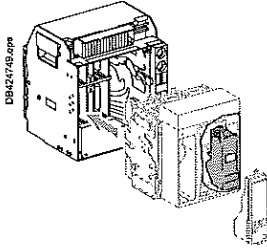
Note: to order a complete device, order:
 ■ a basic circuit breaker and a Micrologic control unit, or a basic switch disconnector. ■ chassis and connections. ■ accessories (for the device, the connection, the control unit) and communication option as required.



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 "measurement"		3P/4P
Micrologic 2.0	basic protection	33504
Micrologic 5.0	selective protection	33511
Micrologic 6.0	selective + earth-fault protection	33515

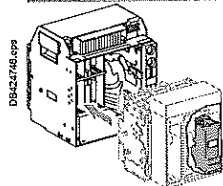
"ammeter" A		3P/4P
Micrologic 2.0 A	basic protection	33525
Micrologic 5.0 A	selective protection	33532
Micrologic 6.0 A	selective + earth-fault protection	33533
Micrologic 7.0 A	selective + earth-leakage protection	33534

"energy" E [1]		3P/4P
Micrologic 2.0 E	basic protection	33536
Micrologic 5.0 E	selective protection	33538
Micrologic 6.0 E	selective + earth-fault protection	33540

"power meter" P [1]		3P/4P
Micrologic 5.0 P	selective protection	65293
Micrologic 6.0 P	selective + earth-fault protection	65294
Micrologic 7.0 P	selective + earth-leakage protection	65295

[1] In case of an installation 3P + Neutral, please add ENVV device ref. 65316 (see page F-13).

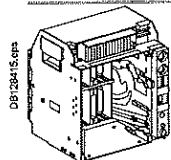
Basic switch-disconnector



Compact NS type NA	3P	4P
NS630b	33460	33461
NS800	33462	33463
NS1000	33464	33465
NS1250	33466	33467
NS1600	33468	33469

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 - NA/N/H	33722	33726
1600 A - NA/N/H	33723	33726
630-1000 A - L + connection		

	3P	4P
Front connection		
Top NA/N/H/L	33727	33733
Bottom NA/N/H/L	33728	33734

Rear connection		3P	4P
Vertical NA/N/H/L	Top	33729	33735
	Bottom	33730	33736

Horizontal		3P	4P
NA/N/H/L	Top	33731	33737
	Bottom	33732	33738









Motor mechanism module

AC 50/60 Hz	Standard		Communicating		DC		Standard		Communicating	
	Part No.	[2]	Part No.	[2]	Part No.	[2]	Part No.	[2]	Part No.	[2]
48 V	33831	[2]	33838	[2]	24/30 V	33830	[2]	33837	[2]	
100/130 V	33827	[2]	33834	[2]	48/60 V	33831	[2]	33838	[2]	
220/240 V	33828	[2]	33835	[2]	100/130 V	33832	[2]	33839	[2]	
380/415 V	33829	[2]	33836	[2]	200/250 V	33833	[2]	33840	[2]	

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.
 [2] Consult us.

Accessories for NS630b to NS1600 fixed devices

M

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	33644
	4P (4 parts)	33645	33645
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
Interphase barriers			
	3P/4P top (3 parts)	33646	33648
	3P/4P bottom (3 parts)	33646	33648
Arc chute screen			
	3P	64907	
	4P	33597	
Brackets for mounting on a horizontal surface			
	3P/4P (2 parts)		64908
	3P	33622	33622
Spreaders			
	4P	33623	33623

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F

Electrical auxiliaries

Indication contacts



	6 A - 240 V	Low level
OF, ON/OFF indication contacts	33108	33109
SD, trip indication contact for manually operated devices	33004	33008
SDE, fault indication contact operated devices	33011	33012

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

Installation accessories







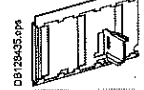
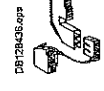

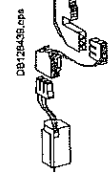
	Escutcheon (small cut-out) for manually operated device with toggle	33717
	Escutcheon for: device with toggle (large cutout), - device with rotary handle, - electrically operated device	33718
	Blanking plate	33858

Handwritten mark

Handwritten text



Accessories for NS630b to NS1600 withdrawable devices

Connection accessories		Front connection	Rear connection			
Vertical-connection adapters						
	3P (3 parts)	33642				
	4P (4 parts)	33643				
Cable lug adapters						
	3P (3 parts)	33644	33644			
	4P (4 parts)	33645	33645			
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			
Interphase barriers						
		3P/4P (3 parts)	33768			
Spreaders						
	3P (3 parts)	33622	33622			
	4P (4 parts)	33623	33623			
Chassis accessories						
Auxiliary terminal shield (CB)						
	3P		33763			
	4P		33764			
Safety shutters (VO) as standard						
	3P		33765			
	4P		33766			
Electrical auxiliaries						
OF ON/OFF indication contacts						
	OF, ON/OFF indication contacts	6 A - 240 V	Low level			
	SD, trip indication contact for manually operated devices	33801	33804			
	SDE, fault indication contact operated devices	33800	33803			
		33799	33802			
	Up to 3 OF, 1 SD and 1 SDE can be connected (the SDE contact is standard for electrically operated devices)					
CE, CD, CT carriage switches						
	Connected position NO/NC contact (up to 3 CE)	6 A - 240 V	Low level			
	Disconnected position NO/NC (up to 2 CD)	33761	33754			
	Test position NO/NC contact (up to 1 CT)	33753	33756			
	Spare parts (up to 3 CE, 1 CT, 2 CD per device)	33752	33755			
		33170	33171			
Instantaneous voltage releases						
		MX	MN	Delay unit	R (non-adjustable)	Rr (adjustable)
	12 V DC	33809				
	24/30 V DC, 24 V AC	33810	33819			
	48/60 V DC, 48 V AC	33811	33820	48/60 V AC/DC		33680
	100/130 V AC/DC	33812	33821	100/130 V AC/DC	33684	33681
	200/250 V AC/DC	33813	33822	200/250 V AC/DC	33685	33682
	277 V AC	33814				
	380/480 V AC	33815	33824	380/480 V AC/DC		33683
	Auxiliary terminals for chassis alone					
		3 wire terminal (30 parts)				47071
	6 wire terminal (10 parts)				47072	
	Jumpers (10 parts)				47900	

33819
33820
33821
33822



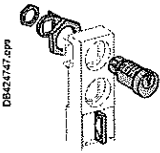
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Catalogue numbers

Accessories for NS630b to NS1600 withdrawable devices

Chassis locking

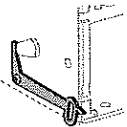
Keylocking in disconnected position



DB62477.jpg

By Profalux keylocks		
Profalux	1 lock with 1 key + adaptation kit	64909
	2 locks 1 key + adaptation kit	64910
	2 locks 2 different keys + adaptation kit	64911
1 keylock Profalux (without adaptation kit):		
	identical key not identified combination	33173
	identical key identified 215470 combination	33174
	identical key identified 215471 combination	33175
By Ronis keylocks		
Ronis	1 lock with 1 key + adaptation kit	64912
	2 locks 1 key + adaptation kit	64913
	2 locks 2 different keys + adaptation kit	64914
1 keylock Ronis (without adaptation kit):		
	identical key not identified combination	33189
	identical key identified EL24135 combination	33190
	identical key identified EL24153 combination	33191
	identical key identified EL24315 combination	33192
Optional disconnected/test/connected position locking		
Adaptation kit (without keylock):		
	adaptation kit Profalux	33769
	adaptation kit Ronis	33770
	adaptation kit Castell	33771
	adaptation kit Kirk	33772

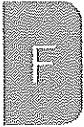
Door interlock



DB924746.jpg

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

Racking interlock (VPOC)



DB624745.jpg

	33788
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Mismatch protection (VDC)



DB128443.jpg

	33767
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Installation accessories

Escutcheon



DB128430.jpg

	33857
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Transparent cover for escutcheon



DB128445.jpg

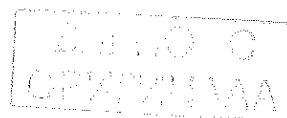
	33869
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Blanking plate



DB128432.jpg

	33858
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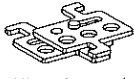


Accessories for NS630b to NS1600 fixed and withdrawable devices

Locking for manually operated devices

Removable toggle locking system

DB12646.eps



Locking by 3 padlocks | 44936

Fixed toggle locking system

DB12649.eps

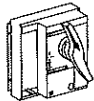


Locking by 3 padlocks | 32631

Rotary handle for manually operated devices

Devices with direct rotary handles

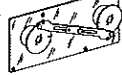
DB12650.eps



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

Mechanical interlocking

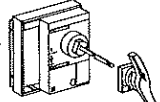
DB126451.eps



For 2 devices with extended rotary handles | 33890

Devices with extended rotary handles

DB126462.eps



Handle and front	Black handle and black front	33878
	Red handle and yellow front	33879
	Telescopic (for chassis-mounted devices)	33880

Control accessories

DB126463.eps

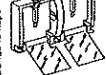


	Fixed	Withdrawable
2 advanced indication contacts (6 A - 240 V)		
Early break	33882	33884
Early make	33883	33885

Locking and accessories for electrically operated devices

Pushbutton locking

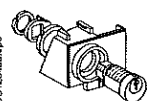
DB126454.eps



By transparent cover + padlocks | 33897

Locking in OFF position

DB126465.eps



By padlocks + BPFE support		
VCPO		47514
By Profalux keylocks		
Profalux	1 lock with 1 key + adaptation kit	33902
	2 locks 1 key + adaptation kit	33904
1 keylock Profalux (without adaptation kit):		
	identical key not identified combination	33173
	identical key identified 215470 combination	33174
	identical key identified 215471 combination	33175
By Ronis keylocks + BPFE support		
Ronis	1 lock with 1 key + adaptation kit	33903
	2 locks 1 key + adaptation kit	33906
1 keylock Ronis (without adaptation kit):		
	identical key not identified combination	33189
	identical key identified EL24135 combination	33190
	identical key identified EL24153 combination	33191
	identical key identified EL24315 combination	33192
Adaptation kit (without keylock):		
	adaptation kit Profalux	33898
	adaptation kit Ronis	33899
	adaptation kit Kirk	47517
	adaptation kit Castell	47518

Operation counter CDM

DB126456.eps



Operation counter CDM | 33895

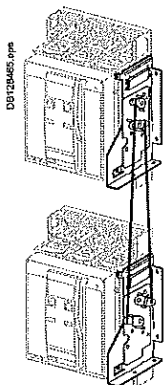
Catalogue numbers

Accessories for NS630b to 1600 fixed and withdrawable devices

Mechanical interlocking

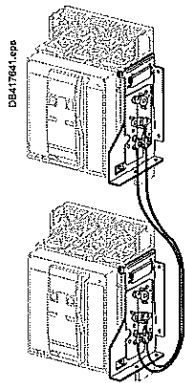
Mechanical interlocking for source changeover

Interlocking using connecting rods for Compact electrically operated devices

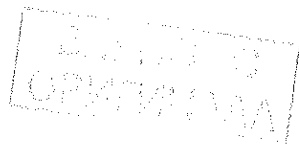
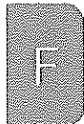


Complete assembly with 2 adaptation fixtures + rods	33910
2 Compact fixed devices	33913
2 Compact withdrawable devices	

Interlocking using cables for Compact electrically operated devices



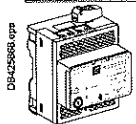
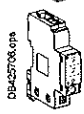
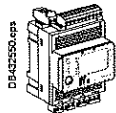
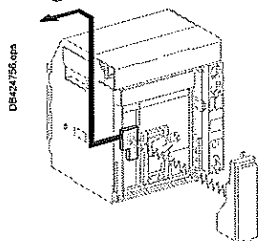
Complete assembly with 2 adaptation fixtures + cables	33911
2 Compact fixed devices	33914
2 Compact withdrawable devices	33915
1 Compact fixed + 1 Compact withdrawable device	



[Handwritten signature]

Communication option for NS630b to NS1600 fixed and withdrawable devices

Communication options

	IFE	Ethernet interface for LV breaker	LV434001
		Ethernet interface for LV breakers and gateway	LV434002
	IFM Modbus-SL interface module		LV434000
	I/O application module		LV434063
	For fixed devices		
	COM (BCM-ULP)	Manually operated	Electrically operated
	Eco COM module (BCM-ULP)	33702	33708
	For drawout devices	33703	33709
	Breaker + chassis		
	For drawout devices		
	COM (BCM-ULP)	Manually operated	Electrically operated
	Eco COM module (BCM-ULP)	33842	33848
		33714	33713

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

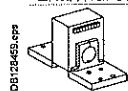
External Neutral Voltage Tap

For Micrologic E and P - 3P + Neutral installation

	Connection kit to neutral for Micrologic P on fixed version	65317
	Connection kit to neutral for Micrologic P on drawout version	65316

External sensors

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

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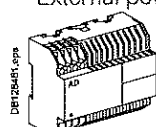
Rectangular sensor for earth-leakage protection

	Inside dimensions (mm)	le (A)	
	280 x 115	1600	33573

Source ground return (SGR) earth fault protection

	External sensor (SGR)	33579
	MDGF summing module	48891

External power supply module (AD)


	24/30 V DC	54440
	48/60 V DC	54441
	100/125 V DC	54442
	110/130 V AC	54443
	200/240 V AC	54444
	380/415 V AC	54445

Test equipment

Mini test kit

	Hand held test kit (HHTK)	33594
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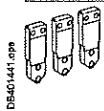
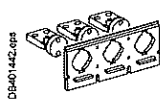
Portable test kit

	Full function test kit (FFTK)	33595
	Test report edition come from FFTK	34559
	FFTK test cable 2 pin for STR trip unit	34560
	FFTK test cable 7 pin for Micrologic trip unit	33590

Spare parts: NS630b to NS1600 fixed circuit breaker


Connection

Connections for circuit breakers and switch-disconnectors


	Front connection / Replacement kit (3 or 4 parts)		
			3P
	630/1000 A - N	Top	33598
		Bottom	33599
	1250 A - N	Top	33600
	630-1000 A - L	Bottom	33601
			33608
			33609
			33610
			33611
			33612
			33613
	Rear connection / Replacement kit (3 or 4 parts)		
			3P
	Vertical and horizontal (top or bottom)		33584
	Installation manual		33148
			4P
			33585

Connection accessories


Bare-cable connectors + 1 connector shield for 4 cables (240 mm²)

	3P	33640
	4P	33641
	Installation manual	33148

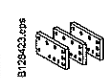
1 long connection shield / 1 part

	3P	33628
	4P	33629


Vertical-connection adapters / Replacement kit (3 or 4 parts)

	3P	33642
	4P	33643
	Installation manual	33148


Cable lug adapters / Replacement kit (3 or 4 parts)

	3P	33644
	4P	33645
	Installation manual	33148


Interphase barriers / Replacement kit (3 parts)

	Front connection	
	3P/4P top/bottom	33646
	Installation manual	33148

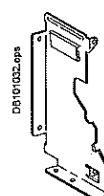
Interphase barriers / Replacement kit (3 parts)

	Rear connection	
	3P/4P top/bottom	33648
	Installation manual	33148


Arc chute screen / 1 part

	3P	64907
	4P	33597
	Installation manual	33148


Brackets for mounting on a horizontal surface (2 parts)

	3P/4P	64908
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Spreaders / Replacement kit (3 or 4 parts)

	3P	33622
	4P	33623
	Installation manual	33148

Cable lug kits / Replacement kit (6 or 8 parts)

	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
	Installation manual		33148

Handwritten text: "Cable Kit" and "GPR/1000"

Stamp: "PS NEW TRIP" with a signature.

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Spare parts: NS630b to NS1600 fixed circuit breaker

Electrical auxiliaries and installation accessories

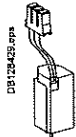
Electrical auxiliaries

Indication contact / 1 part



		6 A - 240 V	Low level
OF, ON/OFF indication contacts		29450	29452
SD trip indication contact for manually operated devices		29450	29452
SDE fault indication contact operated devices		29450	29452
Up to 3 OF, 1 SD and 1 SDE can be connected (the SDE contact is standard for electrically operated devices).			
Installation manual			33148

Remote tripping / 1 part

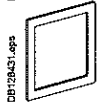


	MX	MN	Delay unit	R (non-adjustable)	Rr (adjustable)
12 V DC	33658				
24/30 V DC, 24 V AC	33659	33668			
48/60 V DC, 48 V AC	33660	33669	48/60 V AC/DC		33680
100/130 V AC/DC	33661	33670	100/130 V AC/DC	33684	33681
200/250 V AC/DC	33662	33671	200/250 V AC/DC	33685	33682
277 V AC	33663				
380/480 V AC	33664	33673	380/480 V AC/DC		33683
Installation manual	33149				

Installation accessories / 1 part

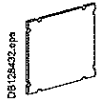


Escutcheon (small cut-out) for manually operated device with toggle	33717
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Escutcheon for:	33718
- device with toggle (large cutout)	
- device with rotary handle	
- electrically operated device	

Blanking plate / 1 part

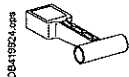


Blanking plate	33868
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Toggle extension / 1 part



Installation manual	33148
Toggle extension	46996

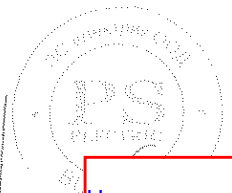


Additional toggle extension	33195
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F

ЕЛТРО
ОБЪЕКТИВА



На основание чл. 2
от ЗЗЛД

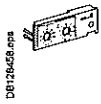
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Spare parts: NS630b to NS1600 fixed circuit breaker

Micrologic control unit, external sensor

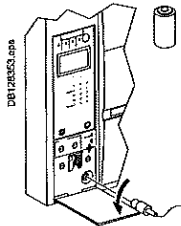
Replacement parts for Micrologic control units

Long-time rating plug (limits setting range for higher accuracy) / 1 part



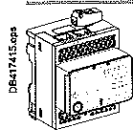
Standard	0.4 at 1 x Ir	33542
Low-setting option	0.4 at 0.8 x Ir	33543
High-setting option	0.8 at 1 x Ir	33544
Without long-time protection	off	33546

Battery + cover

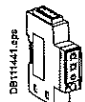


Battery (1 part)		33593
Cover (1 part)	For Micrologic A, E	33592
	For Micrologic P	47067

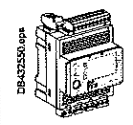
Communication option



IFE	Ethernet interface for LV breaker	LV434001
	Ethernet interface for LV breakers and gateway	LV434002



IFM Modbus-SL interface module	LV434000
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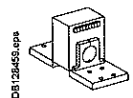


I/O application module	LV434063
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User guide IFE	DOCA0084EN-00
User guide I/O application module	DOCA0056EN-00

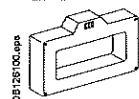
External sensors

External sensor for neutral + earth-fault protection (TCE) / 1 part



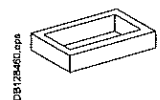
CT rating: 400/1600 A	33576
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Rectangular sensors



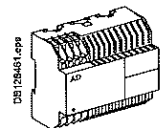
Inside dimensions (mm)	Ie (A)	
280 x 115	1600	33573

Source ground return (SGR) earth-fault protection / 1 part



External sensor (SGR)	33579
MDGF summing module	48891

External power supply module (AD) / 1 part



24-30 V DC	54440
48-60 V DC	54441
100-125 V DC	54442
110-130 V AC	54443
200-240 V AC	54444
380-415 V AC	54445

Test equipments / 1 part



Hand held test kit (HHTK)	33594
Full function test kit (FFTK)	33595
Test report edition come from FFTK	34559
FFTK test cable 2 pin for STR trip unit	34560
FFTK test cable 7 pin for Micrologic trip unit	33590

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Spare parts: NS630b to NS1600 fixed circuit breaker Locking and accessories

Locking for manually operated devices

Removable toggle locking system / 1 part

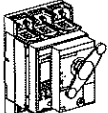
	Locking by 3 padlocks	44936
	Installation manual	33148

Fixed toggle locking system / 1 part

	Locking by 3 padlocks	32631
	Installation manual	33148

Rotary handle for manually operated devices

Devices with direct rotary handles / 1 part

	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
	Installation manual		33150	

Mechanical interlocking

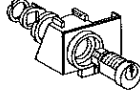

	For 2 devices with extended rotary handles	33890
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Locking and accessories for electrically operated devices

Pushbutton locking / 1 part

	By transparent cover + padlocks	33897
	Installation manual	47103

Locking in OFF position / 1 part

	By padlocks + BPFE support		
	VCPO		47614
	By Profalux keylocks		
	Profalux	1 lock with 1 key + adaptation kit	33902
		2 locks 1 key + adaptation kit	33904
	1 keylock Profalux (without adaptation kit):	identical key not identified combination	33173
		identical key identified 215470 combination	33174
		identical key identified 215471 combination	33175
	By Ronis keylocks		
	Ronis	1 lock with 1 key + adaptation kit	33903
2 locks 1 key + adaptation kit		33905	
1 keylock Ronis (without adaptation kit):	identical key not identified combination	33189	
	identical key identified EL24135 combination	33190	
	identical key identified EL24153 combination	33191	
	identical key identified EL24315 combination	33192	
Adaptation kit (without keylock):	adaptation kit Profalux	33898	
	adaptation kit Ronis	33899	
	adaptation kit Kirk	47517	
	adaptation kit Castell	47518	
	Installation manual	47103	
Operation counter CDM / 1 part			
	Operation counter CDM	33895	
	Installation manual	47103	



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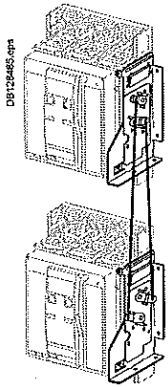


Spare parts: NS630b to NS1600 fixed and withdrawable circuit breaker

Mechanical interlocking for source changeover

Mechanical interlocking for source changeover

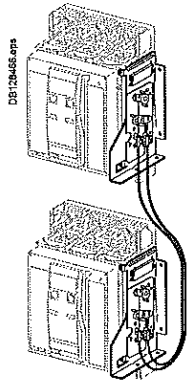
Interlocking using connecting rods for Compact electrically operated devices



Complete assembly with 2 adaptation fixtures + rods
 2 Compact fixed devices
 Note: the installation manual is enclosed.

33910

Interlocking using cables for Compact electrically operated devices



Complete assembly with 2 adaptation fixtures + cables
 2 Compact fixed devices
 1 Compact fixed + 1 Compact withdrawable device
 Note: the installation manual is enclosed.

33911
 33915

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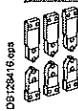


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Stamp: E. SCHNEIDER & CO. SAISONNAIRE






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Spare parts: NS630b to NS1600 withdrawable circuit breaker Connection

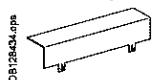
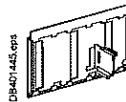
Connection

	Front connection / Replacement kit (6 or 8 parts)	3P	4P
	Top and bottom	33588	33589
	Rear connection / Replacement kit (4 or 6 parts)	Vertical and horizontal	
		33586	33587
	Installation manual	33149	
Vert. mounting.	Horiz. mounting.		

Connection accessories

Vertical connection adapters for front-connected chassis / Replacement kit (3 or 4 parts)			
	3P	33642	
	4P	33643	
	Installation manual	33149	
Cable lug adapters for front-connected chassis / Replacement kit (3 or 4 parts)			
	3P	33644	
	4P	33645	
	Installation manual	33149	
Interphase barriers for rear-connected chassis / Replacement kit (3 parts)			
	3P/4P	33768	
	Installation manual	33149	
Spreaders for front-connected and rear-connected chassis / Replacement kit (3 or 4 parts)			
	3P	33622	
	4P	33623	
	Installation manual	33149	
Cable lug kits / Replacement kit (6 or 8 parts)			
	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
	Installation manual	33149	

Chassis accessories

Auxiliary terminal shield (CB) / 1 part			
	3P	33763	
	4P	33764	
	Installation manual	33149	
Safety shutters (VO) / 1 part			
	3P	33765	
	4P	33766	
	Installation manual	47104	

Clusters


	1 disconnecting contact cluster for chassis (see table below) (1 part)	64906
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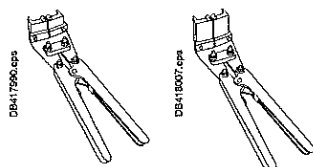
Table : number of clusters required for the different chassis models

Chassis rating (A)	Compact NS - 3P		Compact NS - 4P	
	NA - N	L	NA - N	L
630	12	18	16	24
800	12	18	16	24
1000	12	18	16	24
1250	12		16	
1600	18		24	

Note: the minimum order is 6 parts.

Set of 2 clusters filters for 2 and 3 clusters

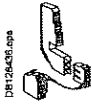
47554



Spare parts: NS630b to NS1600 withdrawable circuit breaker Electrical auxiliaries

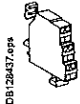
Electrical auxiliaries

SD trip indication contact for manually operated devices / 1 part



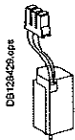
OF, ON/OFF indication contacts	6 A - 240 V	Low level
SD trip indication contact for manually operated devices	33801	33804
SDE fault indication contact operated devices	33800	33803
Up to 3 OF, 1 SD and 1 SDE can be connected (the SDE contact is standard for electrically operated devices).	33799	33802
Installation manual		47103

CE, CD, CT carriage switches / 1 part



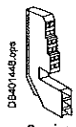
Connected position NO/NC contact (up to 3 CE)	6 A - 240 V	Low level
Disconnected position NO/NC (up to 2 CD)	33751	33754
Test position NO/NC contact (up to 1 CT)	33753	33756
Spare parts (up to 3 CE, 1 CT, 2 CD per device)	33752	33755
Installation manual	33170	33171
	47104	

Instantaneous voltage releases / 1 part



	MX	MN	Delay unit	R (non-adjustable)	Rr (adjustable)
12 V DC	33658				
24/30 V DC, 24 V AC	33659	33668			
48/60 V DC, 48 V AC	33660	33669	48/60 V AC/DC		33680
100/130 V AC/DC	33661	33670	100/130 V AC/DC	33684	33681
200/250 V AC/DC	33662	33671	200/250 V AC/DC	33685	33682
277 V AC	33663				
380/480 V AC	33664	33673	380/480 V AC/DC		33683
Installation manual	47103				

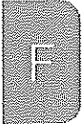
Auxiliaries terminal for chassis



3 wire terminal block (1 part)	33098
6 wire terminal block (1 part)	33099
Jumpers (10 parts)	47900
Installation manual	47103

3 wires.

6 wires.



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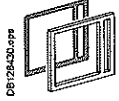


Catalogue numbers Spare parts: NS630b to NS1600 withdrawable circuit breaker Installation accessories

Installation accessories

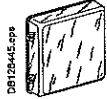
Escutcheon / 1 part

33857



Transparent cover for escutcheon / 1 part

33859



Blanking plate / 1 part

33858



ESTO O
OPREMIUM



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Catalogue numbers

Spare parts: NS630b to NS1600 withdrawable circuit breaker Micrologic control unit, external sensor

Replacement parts for Micrologic control units

Long-time rating plug (limits setting range for higher accuracy) / 1 part

DB12605.eps	Standard	0.4 at 1 x Ir	33542
	Low-setting option	0.4 at 0.8 x Ir	33543
	High-setting option	0.8 at 1 x Ir	33644
	Without long-time protection	off	33545

Battery + cover

DB12603.eps	Battery (1 part)		33593
	Cover (1 part)	For Micrologic A, E	33692
		For Micrologic P	47067

Communication option

DB42506.eps	IFE	Ethernet interface for LV breaker	LV434001
		Ethernet interface for LV breakers and gateway	LV434002
DB42706.eps	IFM Modbus-SL interface module		LV434000
			LV434063
DB43250.eps	I/O application module		LV434063
	User guide IFE		DOCA0084EN-00
	User guide I/O application module		DOCA0055EN-00

External sensors

External sensor for neutral + earth-fault protection (TCE) / 1 part

DB12643B.eps	CT rating: 400/1600 A	33576
--------------	-----------------------	-------

Source ground return (SGR) earth-fault protection + Vigi cable / 1 part

DB12640.eps	External sensor (SGR)	33579
	MDGF summing module	48891

Rectangular sensors

DB12610A.eps	Inside dimensions (mm)	le (A)	33573
	280 x 115	1600	

External power supply module (AD) / 1 part

DB12641.eps	24-30 V DC	54440
	48-60 V DC	54441
	100-125 V DC	54442
	110-130 V AC	54443
	200-240 V AC	54444
	380-415 V AC	54445

Test equipments / 1 part

DB12654.eps	Hand held test kit (HHTK)	33594
	Full function test kit (FFTK)	33595
	Test report edition come from FFTK	34659
	FFTK test cable 2 pin for STR trip unit	34560
	FFTK test cable 7 pin for Micrologic trip unit	33590



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Spare parts: NS630b to NS1600 withdrawable circuit breaker Locking and accessories

Locking for manually operated devices

Removable toggle locking system / 1 part

DB12648.jpg



Locking by 3 padlocks	44936
Installation manual	33148

Fixed toggle locking system / 1 part

DB12649.jpg

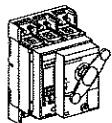


Locking by 3 padlocks	32631
Installation manual	33148

Rotary handle for manually operated devices

Devices with direct rotary handles / 1 part

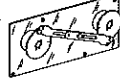
DB12652.jpg



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
Installation manual			33160

Mechanical interlocking

DB12651.jpg

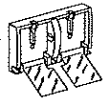


For 2 devices with extended rotary handles	33890
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Locking and accessories for electrically operated devices

Pushbutton locking / 1 part

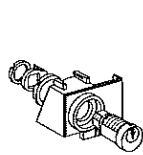
DB12646.jpg



By transparent cover + padlocks	33897
Installation manual	47103

Locking in OFF position / 1 part

DB12645.jpg



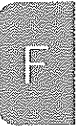
By padlocks + BPFE support			
VCPO			47514
By Profalux keylocks			
Profalux	1 lock with 1 key + adaptation kit		33902
	2 locks 1 key + adaptation kit		33904
1 keylock Profalux (without adaptation kit):			
	identical key not identified combination		33173
	identical key identified 215470 combination		33174
	identical key identified 215471 combination		33175
By Ronis keylocks			
Ronis	1 lock with 1 key + adaptation kit		33903
	2 locks 1 key + adaptation kit		33905
1 keylock Ronis (without adaptation kit):			
	identical key not identified combination		33189
	identical key identified EL24135 combination		33190
	identical key identified EL24153 combination		33191
	identical key identified EL24315 combination		33192
Adaptation kit (without keylock):			
	adaptation kit Profalux		33898
	adaptation kit Ronis		33899
	adaptation kit Kirk		47517
	adaptation kit Castell		47518
Installation manual			47103

Operation counter CDM / 1 part

DB12646.jpg



Operation counter CDM / 1 part	33895
Installation manual	47103



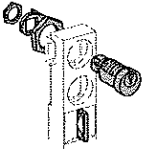
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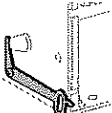
Spare parts: NS630b to NS1600 withdrawable circuit breaker Chassis locking and accessories Mechanical interlocking for source changeover

Chassis locking

Keylocking in disconnected position / 1 part

	By Profalux keylocks		
	Profalux	1 lock with 1 key + adaptation kit	64909
		2 locks 1 key + adaptation kit	64910
		2 locks 2 different keys + adaptation kit	64911
	1 keylock Profalux (without adaptation kit):	identical key not identified combination	33173
		identical key identified 215470 combination	33174
		identical key identified 215471 combination	33175
	By Ronis keylocks		
	Ronis	1 lock with 1 key + adaptation kit	64912
		2 locks 1 key + adaptation kit	64913
	2 locks 2 different keys + adaptation kit	64914	
1 keylock Ronis (without adaptation kit):	identical key not identified combination	33189	
	identical key identified EL24135 combination	33190	
	identical key identified EL24153 combination	33191	
	identical key identified EL24315 combination	33192	
Adaptation kit (without keylock):	adaptation kit Profalux	33769	
	adaptation kit Ronis	33770	
	adaptation kit Castell	33771	
	adaptation kit Kirk	33772	

Door interlock / 1 part

	Right and left side of chassis (VPECD or VPECG)	33172
	Installation manual	47104

Racking interlock (VPOC) / 1 part

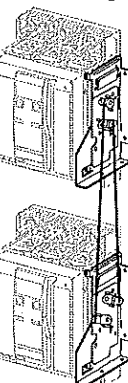
		33788
	Installation manual	47104

Mismatch protection (VDC) / 1 part

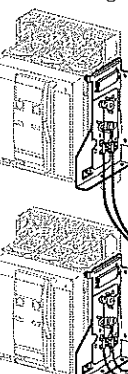
		33767
	Installation manual	47104

Mechanical interlocking for source changeover

Interlocking using connecting rods for Compact electrically operated devices

	Complete assembly with 2 adaptation fixtures + rods	
	2 Compact withdrawable devices	33913
	Note: the installation manual is enclosed.	

Interlocking using cables for Compact electrically operated devices

	Complete assembly with 2 adaptation fixtures + cables	
	2 Compact fixed devices	33914
	1 Compact fixed + 1 Compact withdrawable device	33915
	Note: the installation manual is enclosed.	

BAW 3
OPV 1500

PS
BULGARIA



Catalogue numbers

Spare parts: NS630b to NS1600 fixed or withdrawable circuit breaker Instructions

Instructions

Chassis accessories		47104
Circuit breaker accessories	Manual	33148
	Electrical	33149
Fixed and drawout circuit breaker	Manual	33148
	Electrical	33149
NS630b user manual	French	33159
	English	33160
Micrologic user manual	20/50 (French)	33076
	20/50 (English)	33077
	2A/7A (French)	33079
	2A/7A (English)	33080
	2E/6E (French)	33079
	2E/6E (English)	33080
	5P/7P (French)	33082
	5P/7P (English)	33083
Modbus communication notice for manual		33088

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Order form: Compact NS630b to NS3200 Circuit breakers and switch-disconnectors

Name of customer:
 Address for delivery:
 Requested delivery date:
 Customer order no.:

To indicate your choices, check the applicable square boxes
 and enter the appropriate information in the rectangles

Circuit breaker or switch-disconnector

Compact type	NS630b to NS1600 NS1600b to NS3200
Rating	A
Circuit breaker	N, H, L, LB
Switch-disconnector	NA
Number of poles	3 or 4
Device	NS630b/3200 Fixed NS630b/1600 Withdr. with chassis Withdr. without chassis (moving part only)

Chassis alone without connections
Micrologic control unit

Basic protection	2.0	5.0	6.0	
A - ammeter	2.0	5.0	6.0	7.0
E - energy	2.0	5.0	6.0	

P - power only for NS630b/1600	5.0	6.0	7.0
AD - external power-supply module	V		
ENVT - External Neutral Voltage Tap (3P + N and Micrologic E or P)	<input type="checkbox"/>		
TCE - external sensor (CT) for neutral protection	<input type="checkbox"/>		
Rectangular sensor	NS630b/1600 280 x 115 mm		
for earth-leakage protection	NS1600b/3200 470 x 160 mm		
TCW - external sensor for SGR protection	<input type="checkbox"/>		
LR - long-time rating plug	Standard 0.4 to 1 Ir Low setting 0.4 to 0.8 Ir High setting 0.8 to 1 Ir LT OFF		

Communication

COM module

Device with Ethernet interface Cradle management with
 (BCM-ULP) with Ethernet interface + Gateway I/O application module (Chassis)
 with Modbus interface

Eco COM module

Device with Ethernet interface
 (BCM-ULP) with Ethernet interface + Gateway
 with Modbus interface

Front Display Module **Mounting accessories**
 (FDM121)

Breaker ULP L = 0.35 m
Cord L = 1.3 m
 L = 3 m

NS630b/1600 connection

Horizontal rear connections	Top <input type="checkbox"/>	Bottom <input type="checkbox"/>
Vertical rear connections	Top <input type="checkbox"/>	Bottom <input type="checkbox"/>
Front connections	Top <input type="checkbox"/>	Bottom <input type="checkbox"/>
4 x 240° bare cable connectors + shields	NS - FC fixed	
Long connection shields	NS - FC fixed	
Vertical-connection adapters	NS - FC fixed, withdr.	
Cable-lug adapters	NS - FC fixed, withdr.	
Arc chute screen	NS - FC fixed	
Interphase barriers	NS - FC fixed, withdrawable	
Spreaders	NS - FC fixed, withdrawable	

NS1600b/3200 connection

Front connections	NS - FC fixed
Vertical connection adaptor	optional for NS1600b/2500 (standard for NS3200)

Indication contacts

NS630b/3200

SD trip indication (maximum 1) (only for manually operated devices)	6 A-240 V AC	qty	<input type="checkbox"/>	Low level	qty	<input type="checkbox"/>
SDE fault-trip indication (maximum 1) (SDE integrated in electrically operated devices)	6 A-240 V AC	qty	<input type="checkbox"/>	Low level	qty	<input type="checkbox"/>
OF ON/OFF indication contacts (maximum 3)	6 A-240 V AC	qty	<input type="checkbox"/>	Low level	qty	<input type="checkbox"/>

NS630b/1600

Carriage switches (possible combinations: 3 CE, 2 CD, 1 CT)	6 A-240 V AC	qty	<input type="checkbox"/>	Low level	qty	<input type="checkbox"/>
CE - "connected" position	6 A-240 V AC	qty	<input type="checkbox"/>	Low level	qty	<input type="checkbox"/>
CD - "disconnected" position	6 A-240 V AC	qty	<input type="checkbox"/>	Low level	qty	<input type="checkbox"/>
CT - "test" position	6 A-240 V AC	qty	<input type="checkbox"/>	Low level	qty	<input type="checkbox"/>
I/O application module			<input type="checkbox"/>			<input type="checkbox"/>

Auxiliary terminals for chassis alone

3-wire terminal (30 parts)	<input type="checkbox"/>
Jumpers (set of 10)	<input type="checkbox"/>
6-wire terminal (10 parts)	<input type="checkbox"/>

Remote operation

Electrical operation (NS630b/1600)	Standard	Communicating
Power supply	AC	DC
Voltage releases	MX AC	DC
	MN AC	DC
MN delay unit	Ajustable	Non adjustable

Rotary handles for NS630b/1600 fixed and withdrawable device

Direct	Black	<input type="checkbox"/>	Red on yellow front	<input type="checkbox"/>
			CNOMO conversion access.	<input type="checkbox"/>
Extended	Black	<input type="checkbox"/>	Red on yellow front	<input type="checkbox"/>
	Telescopic handle for withdrawable device			<input type="checkbox"/>
Indication auxiliary	6 A-240 V AC		2 early-make switches	<input type="checkbox"/>
			2 early-break switches	<input type="checkbox"/>

Locking

Toggle (1 to 3 padlocks)	Removable system	Fixed system	
Rotary handle using a keylock (NS630b/1600)	OFF position	ON and OFF positions	
	Ronis 1351B.500	Profalux KS5 B24 D4Z	
Keylock kit (without keylock)			
For electrically operated devices (NS630b/1600)	VBP - ON/OFF pushbutton locking (by transparent cover + padlocks)		
	OFF position locking:		
	VCPO - by padlocks	<input type="checkbox"/>	
	VSP0 - by keylocks:		
	Keylock kit (w/o keylock)	Profalux <input type="checkbox"/>	Ronis <input type="checkbox"/>
	1 keylock	Profalux <input type="checkbox"/>	Ronis <input type="checkbox"/>
	2 identical keylocks, 1 key	Profalux <input type="checkbox"/>	Ronis <input type="checkbox"/>

Chassis locking in "disconnected" position:

VSPD - by keylocks	Keylock kit (w/o keylock)	Profalux <input type="checkbox"/>	Ronis <input type="checkbox"/>
	1 keylock	Kirk <input type="checkbox"/>	Castell <input type="checkbox"/>
	2 identical keylocks, 1 key	Profalux <input type="checkbox"/>	Ronis <input type="checkbox"/>
	2 keylocks, different keys	Profalux <input type="checkbox"/>	Ronis <input type="checkbox"/>
	Optional connected/disconnected/test position locking		

VPEC - door interlock
 On right-hand side of chassis
 On left-hand side of chassis

VPOC - racking interlock
VDC - mismatch protection

Accessories

VO - safety shutters on chassis	NS - withdrawable as standard
CDM - mechanical operation counter	<input type="checkbox"/>
CDP - escutcheon	<input type="checkbox"/>
CP - transparent cover for escutcheon	<input type="checkbox"/>
OP - blanking plate for escutcheon	<input type="checkbox"/>
Mounting brackets for fixed NS	for mounting on horizontal plane
Test kits	Mini test kit <input type="checkbox"/> Portable test kit <input type="checkbox"/>

Micrologic control unit functions:
 2.0: basic protection (long time + inst.)
 5.0: selective protection (long time + short time + inst.)
 6.0: selective + earth-fault protection (long time + short time + inst. + earth-fault)
 7.0: selective + earth-leakage protection (long time + short time + inst. + earth-leakage)



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Electric

Schneider Electric Industries SAS

35, rue Joseph Monier
CS 30323
92508 Rueil Malmaison Cedex
France

RCS Nanterre 954 503 439
Capital social 896 313 776 €
www.schneider-electric.com

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Document reference: LVPED211021EN

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PS
SCHNEIDER ELECTRIC
Alba

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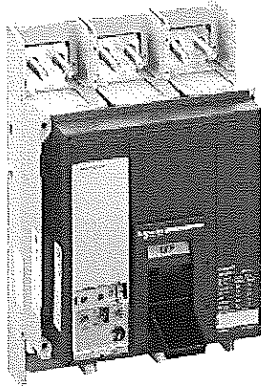


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10.3.2

Product data sheet
Characteristics

33565
circuit breaker Compact NS1250H - Micrologic 5.0
- 1250 A - 3 poles 3t



Main

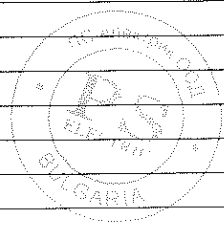
Range	Compact
Range of product	NS630b...1600
Product or component type	Circuit breaker
Device short name	Compact NS1250H
Device application	Distribution
Poles description	3P
Protected poles description	3t
Network type	AC
Breaking capacity code	H
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category B
Trip unit name	Micrologic 5.0
Trip unit technology	Electronic
Trip unit rating	1250 A (50 °C)

Complementary

Network frequency	50/60 Hz
Control type	Rotary handle Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[In] rated current	1250 A (50 °C)
[U _I] rated insulation voltage	800 V AC 50/60 Hz conforming to IEC 60947-2
[U _I imp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
[U _e] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2

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Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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Circuit breaker CT rating	1250 A
Breaking capacity	65 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 70 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 85 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 42 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 500/525 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	Ics 52 kA 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Ics 31 kA 660/690 V AC 50/60 Hz conforming to IEC 60947-2 Ics 37 kA 500/525 V AC 50/60 Hz conforming to IEC 60947-2 Ics 48 kA 440 V AC 50/60 Hz conforming to IEC 60947-2 Ics 52 kA 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Auxiliary contact composition	1 NO/NC
Mechanical durability	10000 cycles
Electrical durability	2000 cycles IEC 60947-2 690 V In AC 50/60 Hz 3000 cycles IEC 60947-2 690 V In/2 AC 50/60 Hz 4000 cycles IEC 60947-2 440 V In AC 50/60 Hz 5000 cycles IEC 60947-2 440 V In/2 AC 50/60 Hz
Local signalling	Positive contact indication
[Icw] rated short-time withstand current	19.2 kA
Trip unit protection functions	LSI
Protection type	Instantaneous short-circuit protection Overload protection (long time) Short time short-circuit protection
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.4...1 x In
Long time delay adjustment type	Adjustable 9 settings
[Tr] long-time delay adjustment range	0.5...24 s 6 x Ir 0.7...16.6 s 7.2 x Ir 12.5...600 s 1.5 x Ir
Thermal memory	20 mn
Short-time pick-up adjustment type I _{sd}	Adjustable 9 settings
[I _{sd}] short-time pick-up adjustment range	1.5...10 x Ir
Short-time delay adjustment type	Adjustable
[T _{sd}] short-time delay adjustment range	0.02...0.5 s
[T _{sd}] short-time delay adjustment range	0.1...0.4 s I _{sd} =on 0...0.4 s I _{sd} =off
Instantaneous pick-up adjustment type I _i	Adjustable
Instantaneous pick-up adjustment range	2...15 x In Off
Integral instant protection	40 kA
Zone selective interlocking ZSI	With
Height	327 mm
Width	210 mm
Depth	147 mm

Environment

Standards	IEC 60947-2
Product certifications	ASEFA ASTA
Power losses	44 W
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102
Pollution degree	3 conforming to IEC 60947
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

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Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1622 - Schneider Electric declaration of conformity <input checked="" type="checkbox"/> Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available <input checked="" type="checkbox"/> End of life manual
Product end of life instructions	Need no specific recycling operations
Contractual warranty	
Warranty period	18 months

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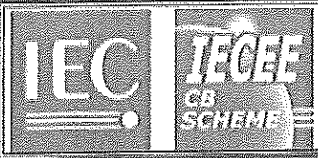
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MUTAHANA

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SCHNEIDER ELECTRIC BULGARIA

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10.374



Accréditation N°5-0014
Portée disponible sur www.cofrac.fr
cofrac CERTIFICATION DE PRODUITS ET SERVICES

Ref. Certif. No.
FR 652973B

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE / CERTIFICAT D'ESSAI OC

Product
Produit

Name and address of the applicant
Nom et adresse du demandeur

Name and address of the manufacturer
Nom et adresse du fabricant

Name and address of the factory
Nom et adresse de l'usine
*Note : When more than one factory, please report on page 2
Note : Lorsqu'il y a plus d'une usine, veuillez utiliser la 2ème page*

Rating and principal characteristics
Valeurs nominales et caractéristiques principales

Trademark (if any)
Marque de fabrique (si elle existe)

Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur

Model / Type Ref.
Ref. De type

Additional information (if necessary may also be reported on page 2)
Informations complémentaires (si nécessaire, peuvent être indiquées sur la 2ème page)

A sample of the product was tested and found to be in conformity with
Un échantillon de ce produit a été essayé et a été considéré conforme à la

As shown in the Test Report Ref. No. which forms part of this Certificate
Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat

Circuit-breakers

SCHNEIDER ELECTRIC INDUSTRIES SAS
35, rue Joseph Monier - 92500 RUEIL MALMAISON - France

SCHNEIDER-ELECTRIC INDUSTRIES ITALIA SPA
Corso Italia, 115 - 80020 CASAVATORE (NAPOLI) - Italy

See annex 1

with electronic trip unit
(MICROLOGIC 2.0, 5.0, 6.0, 7.0, types A, P, H)

SCHNEIDER ELECTRIC

WMT

Series Compact NS, type H
References see annex 1

See annex 1
Supersedes the certificate FR 60052378B/A1 dated 2007-08-01 due to standard updating.

PUBLICATION EDITION
IEC 60947-1:2007(ed.5) +A1:2010
IEC 60947-2:2006(ed.4) +A1:2009 + A2:2013

N° 60028009-523214NS/A1, 60052378-553314B, 126228-6 52973

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification



Laboratoire Central des Industries Électriques
33, av du Général Leclerc – BP 8
FR 92266 Fontenay-aux-Roses cedex
www.lcie.fr

На основании чл. 2 от 33ЛД

Date: 2014-11-06

Signature:



Accréditation
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Ref. Certif. No.

FR 652973B

Annex 1 : List of Manufacturers and Factories

Circuit-breakers

Factory	Manufacturer
SCHNEIDER SHANGAI POWER DISTRIBUTION ELEC. APP. CO. LTD. 833 Kang Qiao Lu Pu Dong , 201315 SHANGHAI, China	SCHNEIDER-ELECTRIC INDUSTRIES ITALIA SPA Corso Italia, 115 - 80020 CASAVATORE (NAPOLI) - Italy
SCHNEIDER ELECTRIC INDUSTRIES ITALIA SPA Corso Italia, 115 - 80020 CASAVATORE (NAPOLI) - Italy	SCHNEIDER-ELECTRIC INDUSTRIES ITALIA SPA Corso Italia, 115 - 80020 CASAVATORE (NAPOLI) - Italy

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Additional Information (if necessary)
Informations complémentaires (si nécessaire)



Laboratoire Central des Industries Électriques
33,av du Général Leclerc – BP 8
FR 92266 Fontenay-aux-Roses cedex
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ВЕРНО
ОРИГИНАЛ

На основании чл. 2
от 33ЛД

Date: 2014-11-06

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Ref. Certif. No.

FR 652973B

Annex 2

REFERENCES, PRINCIPAL CHARACTERISTICS

Low-voltage fixed three- or four-pole circuit-breakers

Models: Compact NS630b H, NS800 H, NS1000 H, NS1250 H, NS1600 H

Operational current, (Ie)	630 A up to 1600 A
Operational voltage, (Ue)	220 Vac up to 690 Vac
Frequency	50/60 Hz
Insulation voltage, (Ui)	800 V
Impulse withstand voltage, (Uimp)	8 kV
Utilization category	B
Reference temperature	40 °C
Device suitable for isolation	Yes
Duty	uninterrupted

Additional Information (if necessary)
Informations complémentaires (si nécessaire)



Laboratoire Central des Industries Électriques
33, av du Général Leclerc – BP 8
FR 92266 Fontenay-aux-Roses cedex
www.lcie.fr

Date: 2014-11-08

Signature:

На основание чл. 2
от ЗЗЛД



Section Certifications

10,375

Convention N°1697

ATTESTATION D'ACCREDITATION

ACCREDITATION CERTIFICATE

N° 5-0014 rév. 20

Le Comité Français d'Accréditation atteste que :
The French Committee for Accreditation certifies that :

LCIE
33, avenue du Général Leclerc
92260 FONTENAY-AUX-ROSES

SIREN : 408363174

satisfait aux exigences de la norme / fulfils the requirements of the standard
NF EN ISO/CEI 17065:2012
et aux règles du Cofrac / and Cofrac rules

pour les activités de / for activities of

Certification de produits industriels et autres produits non agricoles et alimentaires / Certification of industrial products and other products than food ones

réalisées par l'entité ci-dessus désignée et le(s) site(s) éventuel(s) situés aux adresses ci-dessous / performed by the above mentioned entity and the site(s) at the addresses below :

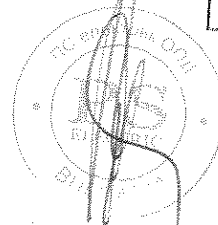
/

et précisément décrites dans la ou les annexes techniques suivantes / and precisely described in the following technical appendix :

5-0014 rév. 20

Le Cofrac est signataire de l'accord multilatéral d'EA pour l'accréditation pour les activités objets de la présente attestation / Cofrac is signatory of the European co-operation for Accreditation (EA) Multilateral Agreement for accreditation for the activities covered by this certificate.

Date de prise d'effet / granting date : **22/12/2017**
Date de fin de validité / expiry date : **31/03/2020**



ВЯРНО С
ОРИГИНАЛ

Pour le Directeur Général et par délégation
On behalf of the General Director

La Directrice de Section,
The Section Director,

Nathalie SAVEANT

La présente attestation n'est valide qu'accompagnée de son annexe technique.
This certificate is only valid if associated with the technical appendix.

L'accréditation peut être suspendue, modifiée ou retirée à tout moment. Pour une utilisation appropriée, la portée de l'accréditation et sa validité doivent être vérifiées sur le site internet du Cofrac (www.cofrac.fr).
The accreditation can be suspended, modified or withdrawn at any time. For a proper use, the scope of accreditation and its validity should be checked on the Cofrac website (www.cofrac.fr).

Cette attestation annule et remplace l'attestation N° 5-0014 Rév 19. *This certificate cancels and replaces the certificate N° 5-0014 Rév 19.*
Seul le texte en français peut engager la responsabilité du Cofrac. *The Cofrac's liability applies only to the French text.*

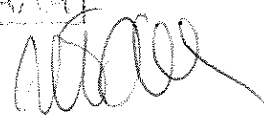
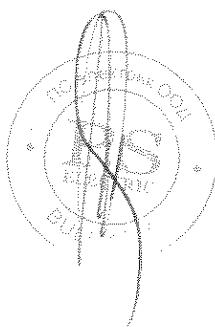
Comité Français d'Accréditation - 52, rue Jacques Hillairet - 75012 PARIS

Tél. : 33 (0)1 44 68 82 20 – Fax : 33 (0)1 44 68 82 21

Siret : 397 879 487 00031

www.cofrac.fr

ВЯРНО С
ОРИГИНАЛА





Section Certifications

**ANNEXE TECHNIQUE
TECHNICAL APPENDIX**

N° 5-0014 rév. 20

Organisme accrédité / Entity accredited :
LCIE

Pour : LCIE

Description des activités réalisées par l'organisme / Description of the activities produced by the organization	Certification de Produits Industriels entrant dans le champ d'application des articles L433-3 et suivants, et R433-1 et suivants du Code de la Consommation # / Products certification concerned by French regulations "Code de la Consommation"
---	---

Section Section	Sous-section Subsection	Familles Catégories de produits Product categories	Produits Products	Identification du référentiel Standard identification
D	DL	Equipements électriques et électroniques	Conducteurs et câbles électriques	NF 003
D	DL	Equipements électriques et électroniques	Conduits profilés et matériels analogues pour canalisations électriques	NF 004
D	DL	Equipements électriques et électroniques	Composants électroniques	NF 011
D	DL	Equipements électriques et électroniques	Appareillages électriques domestiques et analogues	NF 012
D	DL	Equipements électriques et électroniques	Appareils électriques autonomes de sécurité	NF 015
D	DL	Equipements électriques et électroniques	Electricité appareils électrodomestiques	NF 089
D	DL	Equipements électriques et électroniques	Luminaire	NF 105
D	DL	Equipements électriques et électroniques	Matériels électriques non couverts par une application particulière	NF 208
D	DL	Equipements électriques et électroniques	Réseau COM - Infrastructures de réseaux de communication	NF 288
D	DL	Equipements électriques et électroniques	Environnement - Blocs d'éclairage de sécurité	NF 413
D	DL	Equipements électriques et électroniques	Blocs Autonomes d'Alarme Sonore (BAAS)	NF 468
D	DL	Equipements électriques et électroniques	Luminaire à source centrale	NF 467

ВЯРНО С
ОРИГИНАЛА

Description des activités réalisées par l'organisme / Description of the activities produced by the organization	Evaluation de la Conformité CE # / EC conformity assessment
---	--

Section <i>Section</i>	Sous-section <i>Subsection</i>	Familles Catégories de produits <i>Product categories</i>	Produits <i>Products</i>	Identification du référentiel <i>Standard identification</i>	Procédure d'évaluation de la conformité telle que citée dans la directive <i>Conformity assessment procedure</i>
D	DL	Equipements électriques et électroniques	Matériels électroniques et électriques	En application de la directive 2014/30/UE (CEM) Référentiel certification CEM	Examen "CE" /UE de type
D	DL	Equipements électriques et électroniques	Matériels électriques destinés à être utilisés en atmosphères explosibles	En application de la directive 2014/34/UE Référentiel certification ATEX 2014-34-UE	Examen "CE" /UE de type Conformité au type Assurance de la qualité de la production Assurance qualité du produit Vérification du produit Vérification à l'unité
D	DL	Equipements électriques et électroniques	Equipements radioélectriques	Référentiel de certification RED en application de la Directive 2014/53/UE	Examen "CE" /UE de type
D	DL	Equipements électriques et électroniques	Câbles pour applications générales dans les ouvrages de construction soumis aux exigences de réaction au feu	Règles LCIE RPC Câbles et norme EN 50575	système 1 +

Date de prise d'effet / *Granting date* : 22/12/2017На основании чл. 2
от 33ЛДréditation,
anager,

RA

* Accréditation rendue obligatoire dans le cadre réglementaire français précisé par le texte cité en référence dans le document cofrac CERT CPS INF 02 disponible sur www.cofrac.frCette annexe technique annule et remplace l'annexe technique 5-0014 Rév. 19. *This technical appendix cancels and replaces the technical appendix 5-0014 Rév. 19*Comité Français d'Accréditation - 52, rue Jacques Hillairet - 75012 PARIS
Tél. : 33 (0)1 44 68 82 20 – Fax : 33 (0)1 44 68 82 21 Siret : 397 879 487 00031

www.cofrac.fr

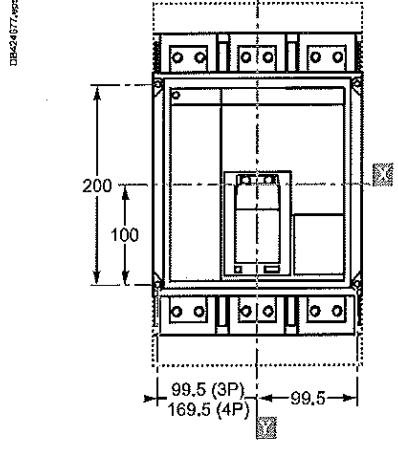
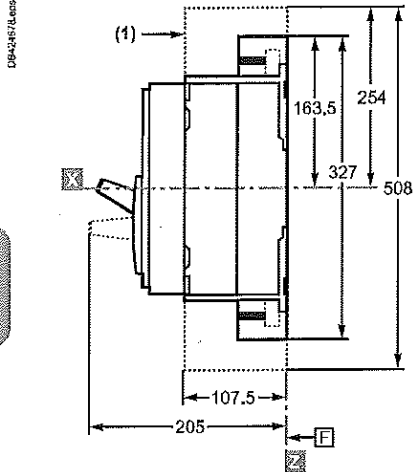
10.3.2.2

Compact NS630b to 1600 (fixed version)

Dimensions

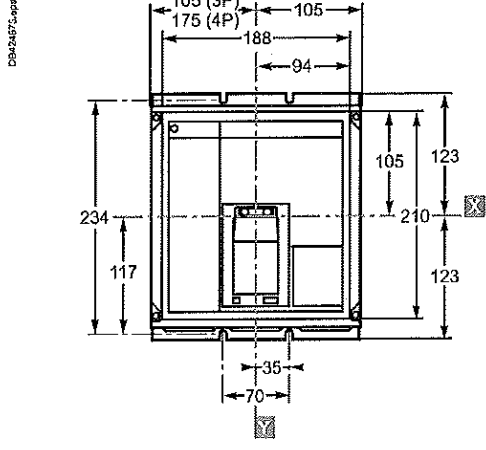
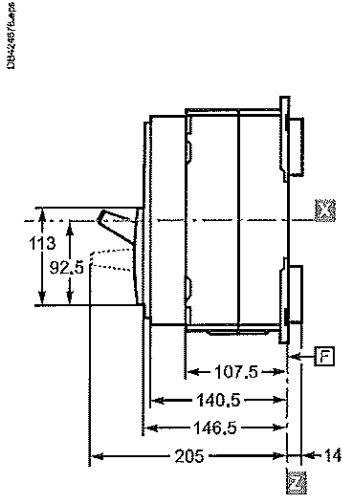
Manual control

Front connection (N, L)



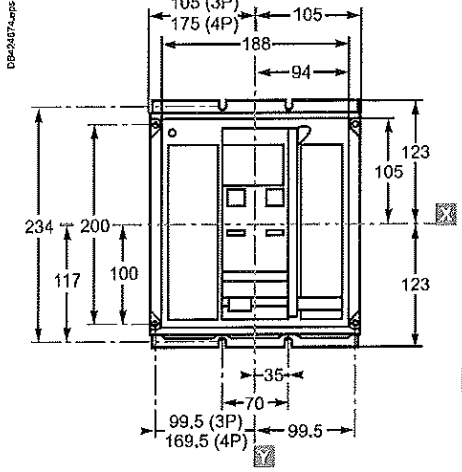
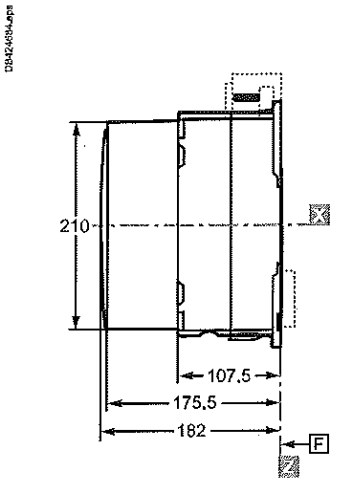
[1] Terminal shields are optional.

Rear connection (N, L, LB)

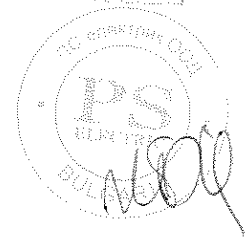


Electrical control

Front and rear connection (N, L, LB)



Б.С.Ш.С.
УР/О/Т/М



F : Datum.

Note: Dimensions for front and rear connection on electrically operated devices are identical to those for manually operated devices.

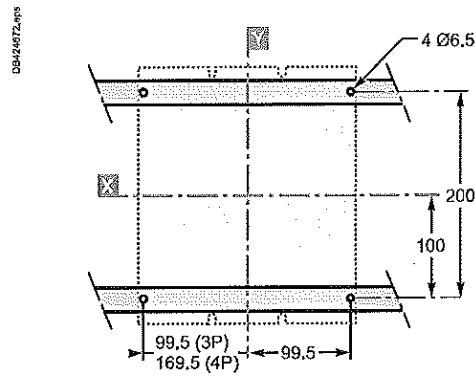
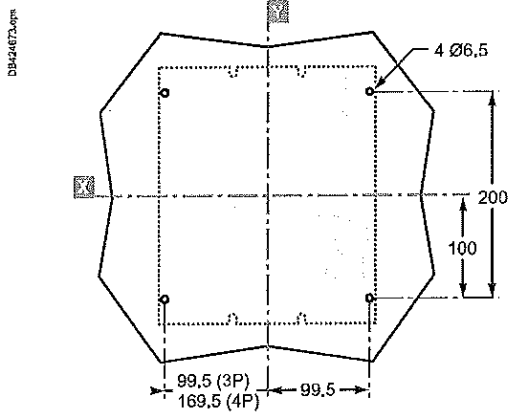
mm

Dimensions and connection Compact NS630b to 1600 (fixed version) Mounting

Front connection

On backplate

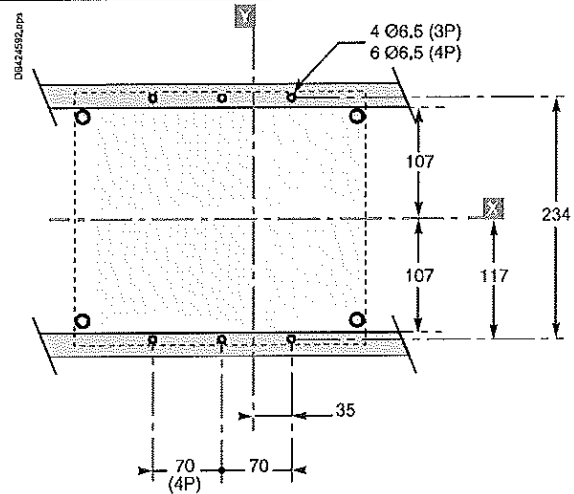
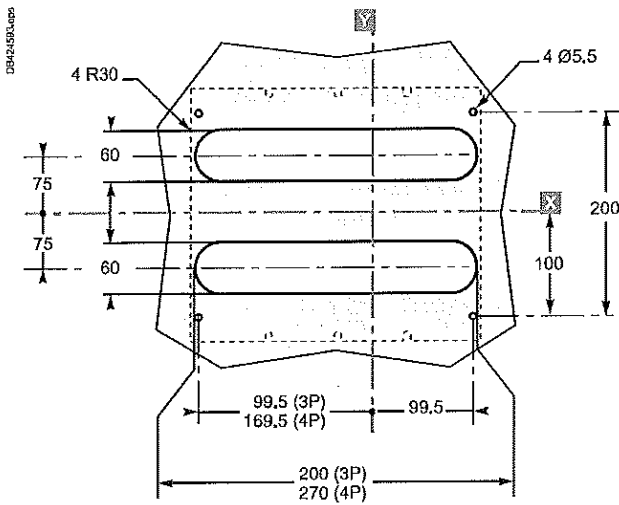
On rails



Rear connection

On backplate

On rails



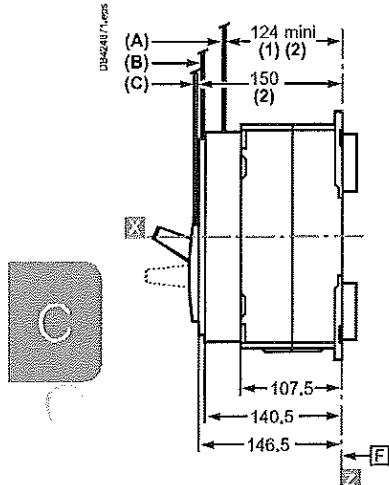
Note: Mounting parameters for electrically operated devices are identical to those for manually operated devices.

☒ and ☒ are the symmetry planes for a 3-pole device
☒ is the back plane of the device.

Compact NS630b to 1600 (fixed version)

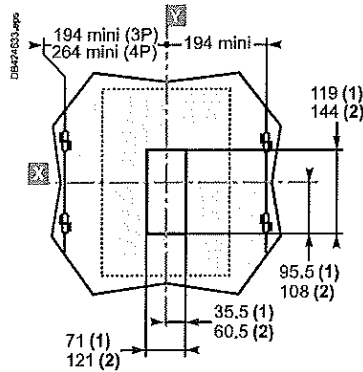
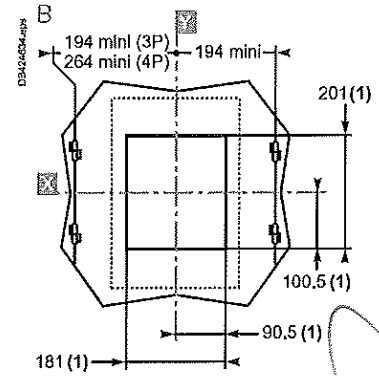
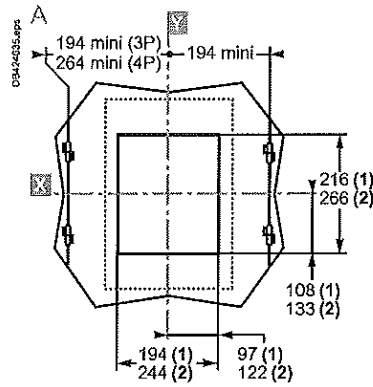
Front-panel cutouts

Toggle control

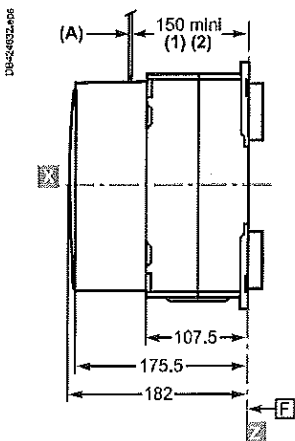


F : Datum.
 [1] Without escutcheon.
 [2] With escutcheon.

Door cutout

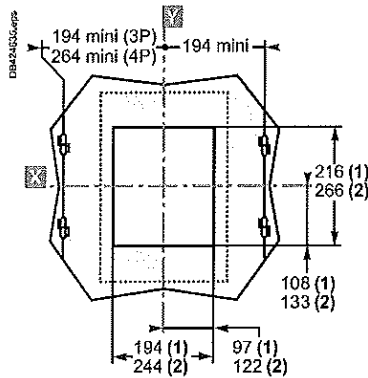


Electrical control



F : Datum.
 [1] Without escutcheon.
 [2] With escutcheon.

Door cutout A



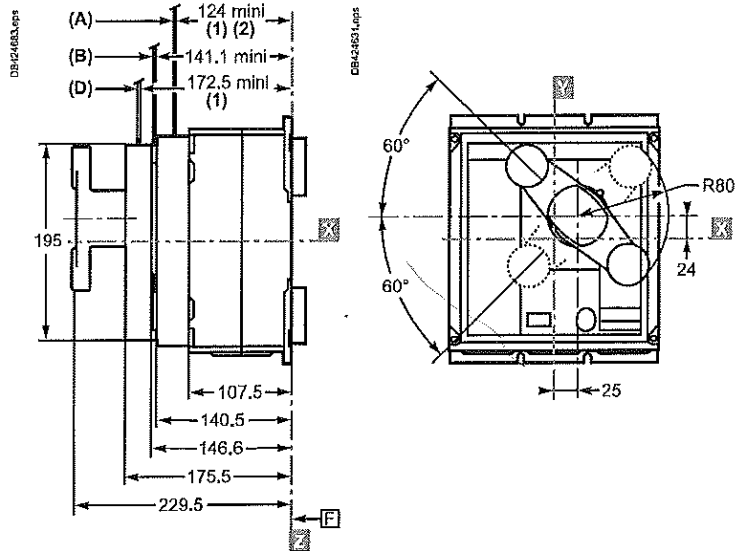
ΕΠΙΣΤΡΟΦΗ ΟΡΓΑΝΩΣΗΣ

ΕΠΙΣΤΡΟΦΗ ΟΡΓΑΝΩΣΗΣ
 PS
 ΕΠΙΣΤΡΟΦΗ ΟΡΓΑΝΩΣΗΣ

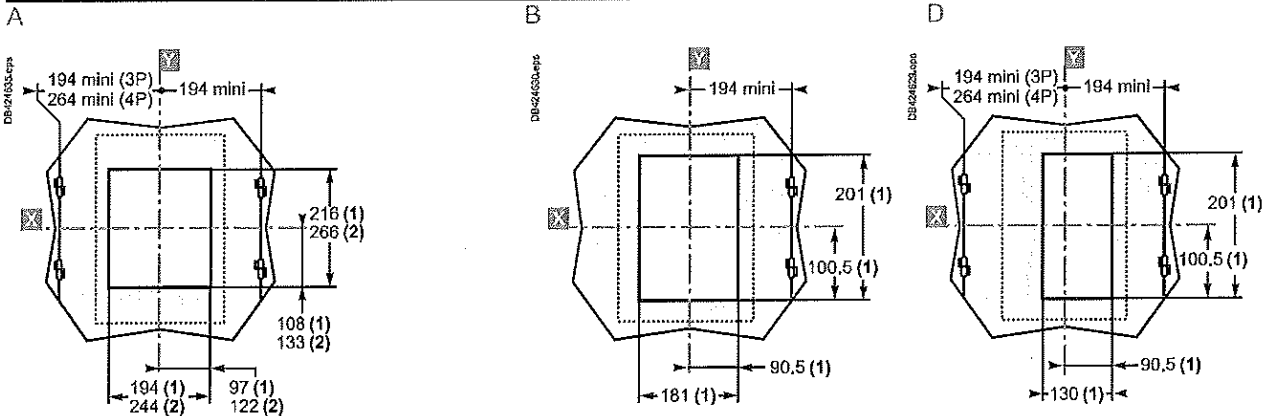
Dimensions and connection Compact NS630b to 1600 (fixed version) Rotary handle

Direct rotary handle

Dimensions



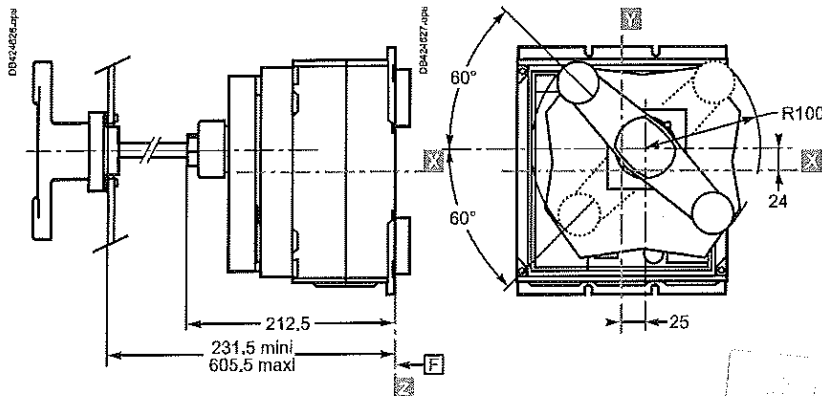
Door cutout



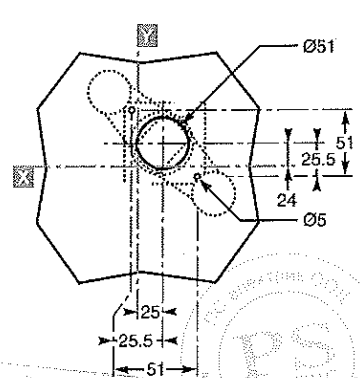
[1] Without escutcheon.
[2] With escutcheon.

Extended rotary handle

Dimensions



Door cutout

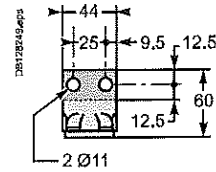
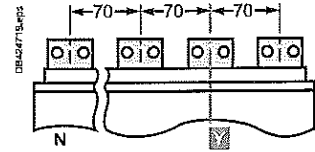
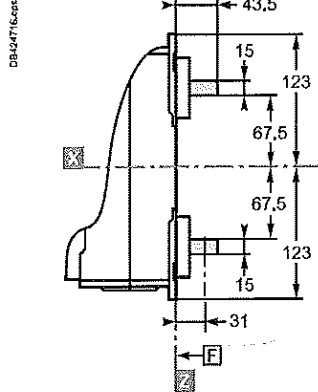
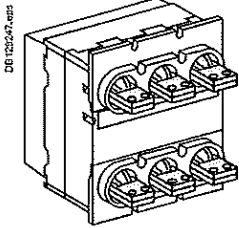


[F]: Datum.

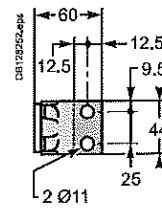
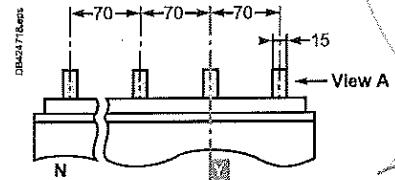
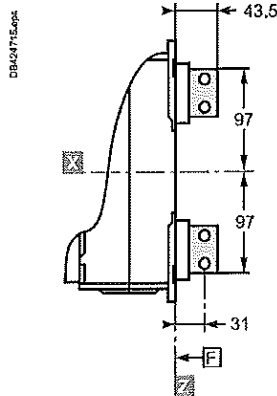
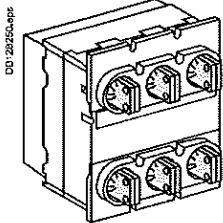
Note: and are the symmetry planes for a 3-pole device is the back plane of the device.

Compact NS630b to 1600 (fixed version) Bars

Horizontal rear connection

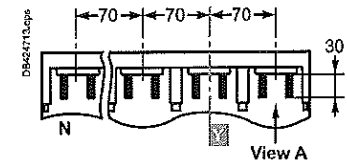
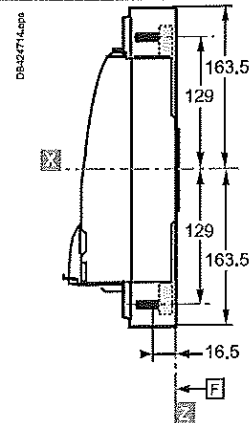
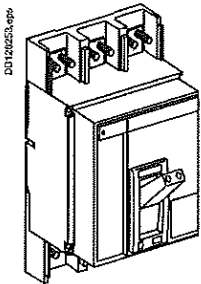


Vertical rear connection



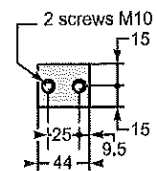
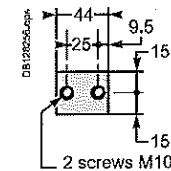
View A detail.

Front connection



Top terminal

Bottom terminal



View A detail.

F : Datum.

Note: Recommended connection screws: M10 class 8.8, Tightening torque: 50 Nm with contact washer.

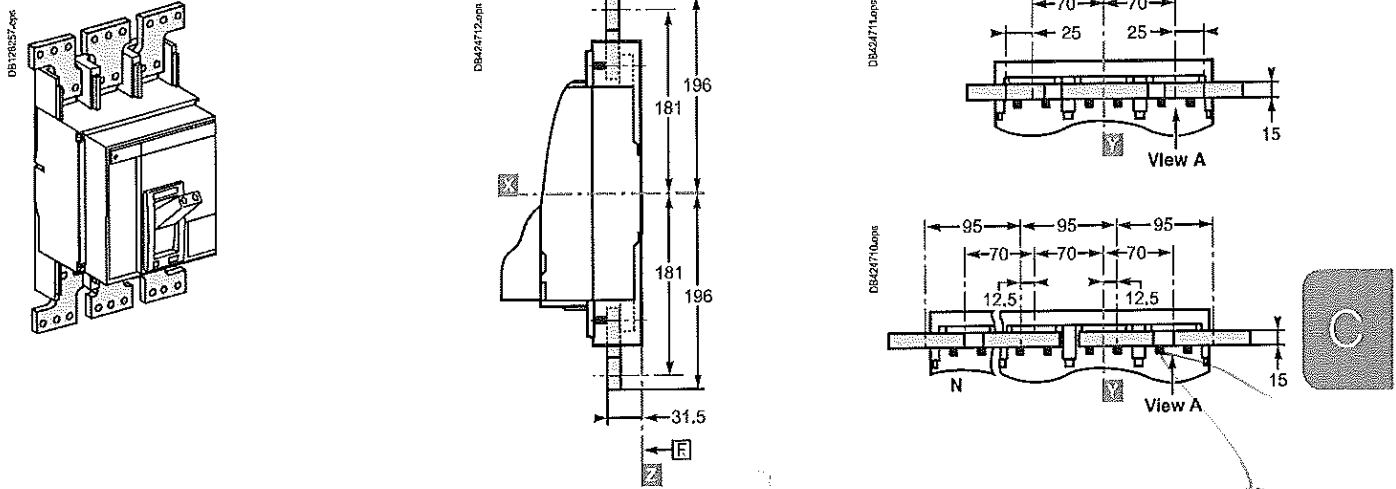
СЕРТИФИКАТ
ОПИСАНИЕ

СЕРТИФИКАТ
ОПИСАНИЕ
СЕРТИФИКАТ
ОПИСАНИЕ

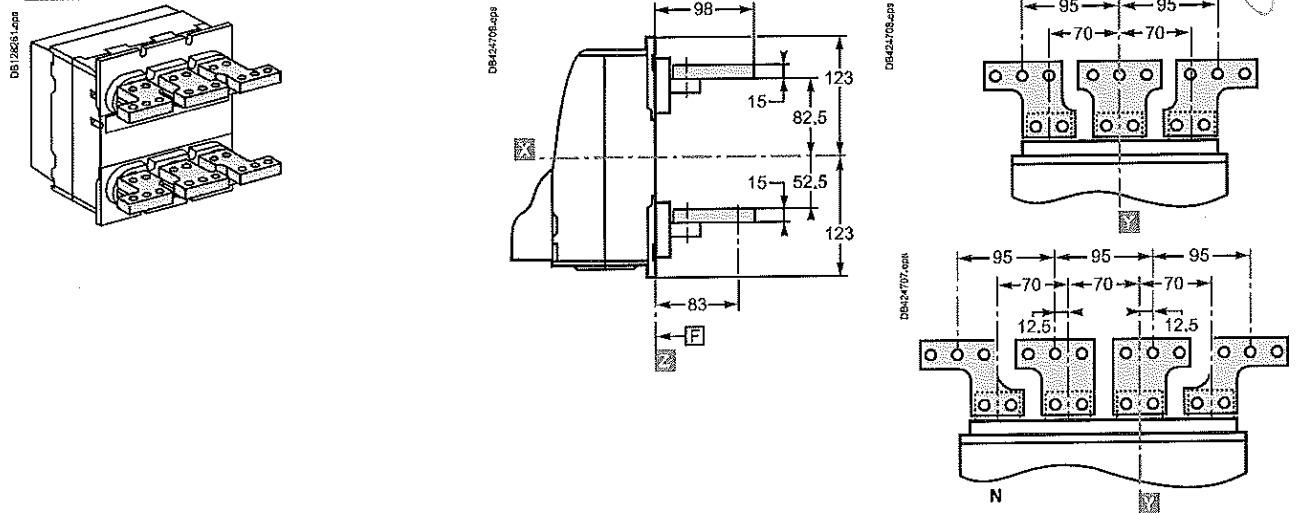
Handwritten signature

Dimensions and connection Compact NS630b to 1600 (fixed version) Bars

Front connection with spreaders

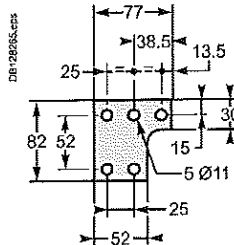


Rear connection with spreaders



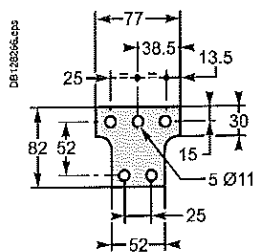
Spreader detail

Middle left or middle right spreader for 4P

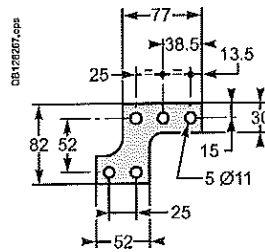


View A detail.

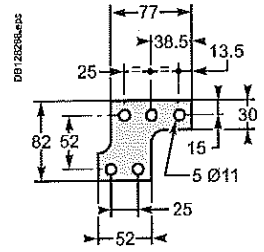
Middle spreader for 3P



Left or right spreader for 4P



Left or right spreader for 3P



E : Datum.

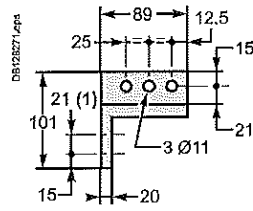
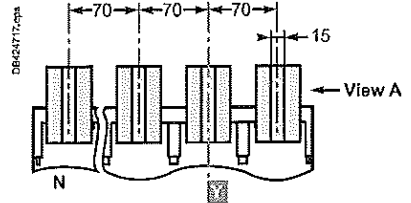
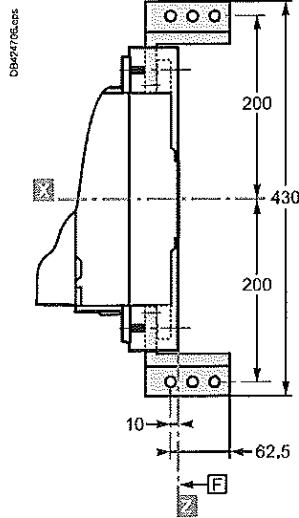
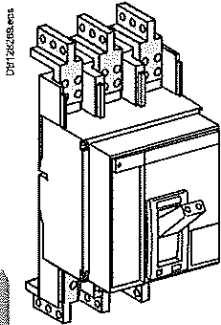
Note: and are the symmetry planes for a 3-pole device.

СЕРТИФИКАТ
ОПРАВКИ

СЕРТИФИКАТ
ОПРАВКИ

Compact NS630b to 1600 (fixed version) Bars

Front connection with vertical-connection adapters



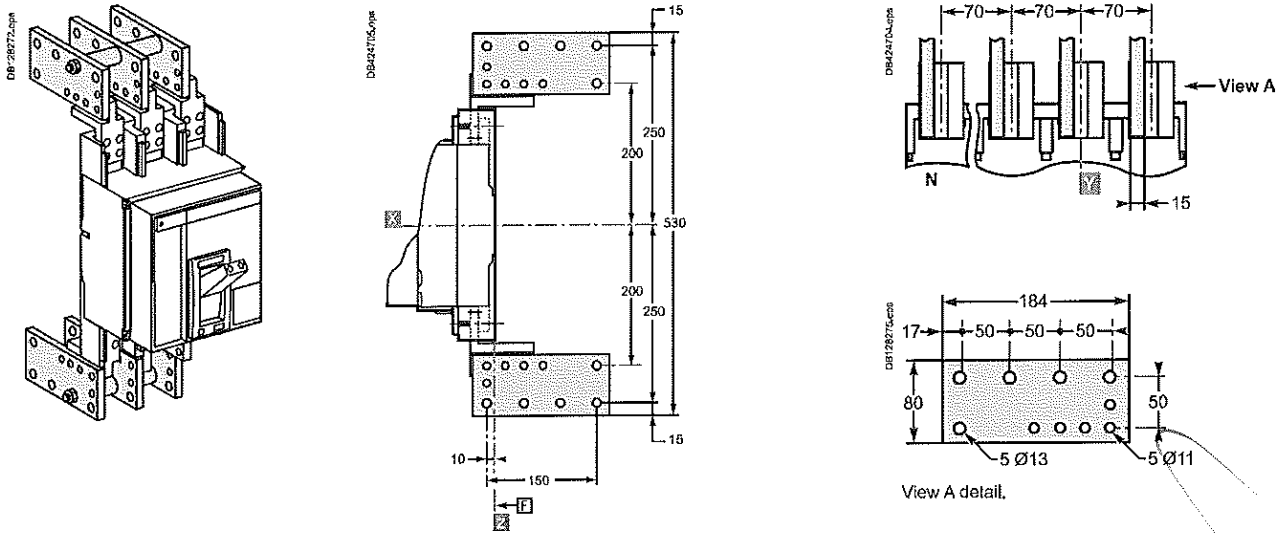
F: Datum.

Note: [1] two mounting possibilities for vertical-connection adapters (pitch 21 mm).
Recommended connection screws: M10 class 8.8.
Tightening torque: 50 Nm with contact washer.

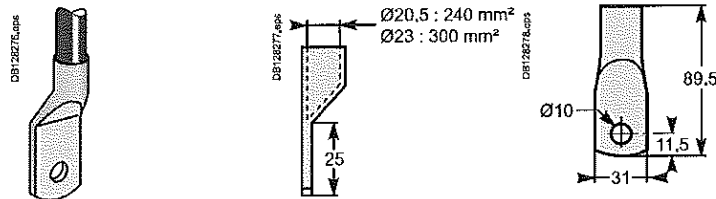


Dimensions and connection Compact NS630b to 1600 (fixed version) Cables with lugs and bare cables

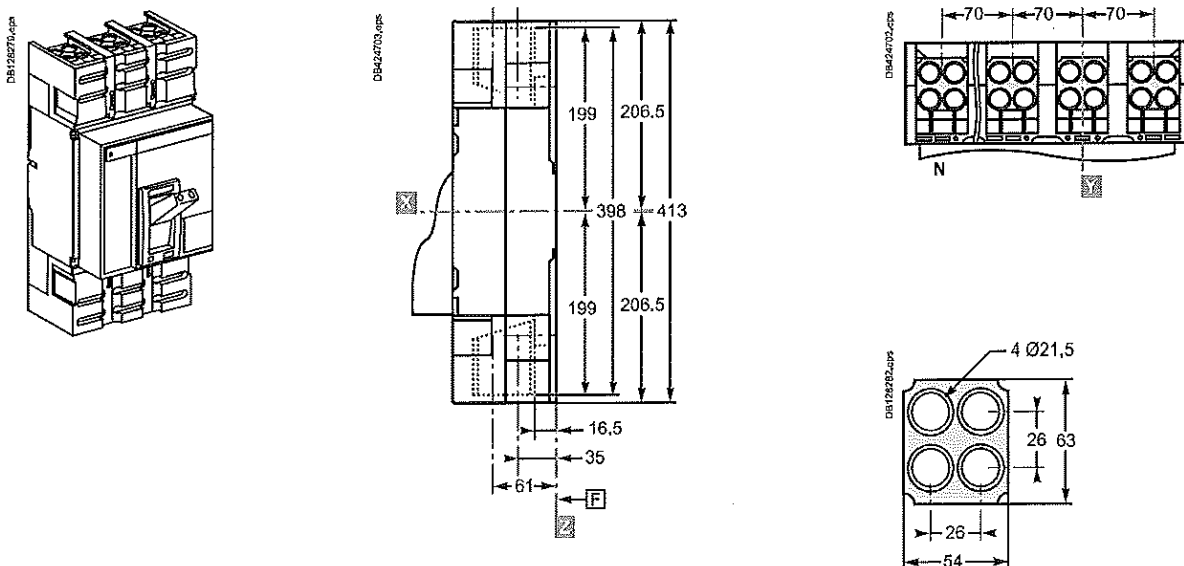
Front connection with vertical-connection adapters and cable-lug adapters



Lugs



Fixed circuit breaker with 4-cable bare-cable connectors (240 mm²)



[F] : Datum.

СЕРТИФИКАТ
ОПРИВАННЯ

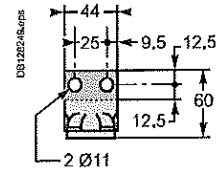
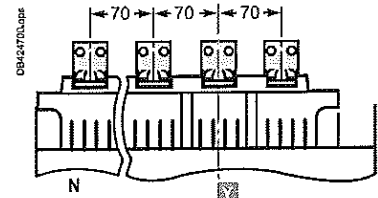
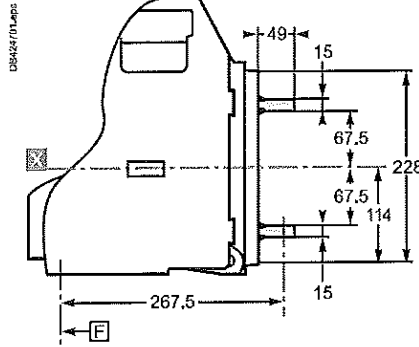
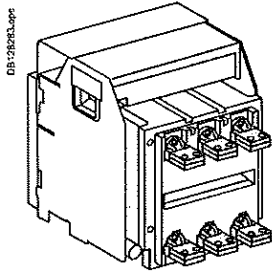
СЕРТИФИКАТ
ОПРИВАННЯ

СЕРТИФИКАТ
ОПРИВАННЯ

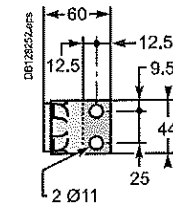
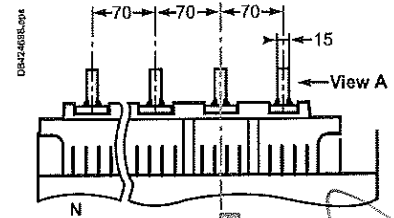
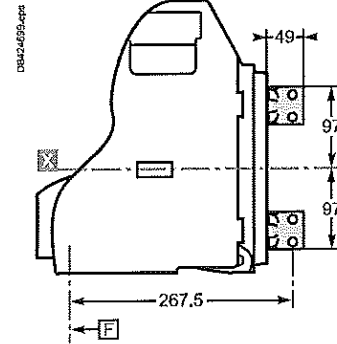
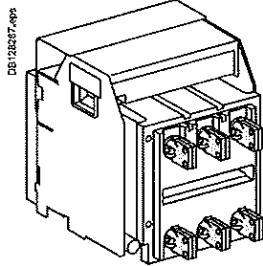
СЕРТИФИКАТ
ОПРИВАННЯ

Compact NS630b to 1600 (plug-in and withdrawable versions) Bars

Horizontal rear connection

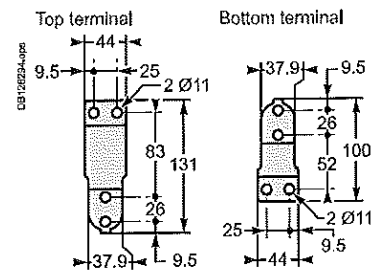
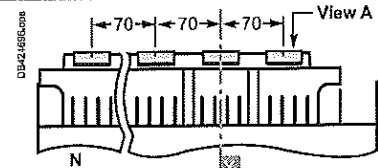
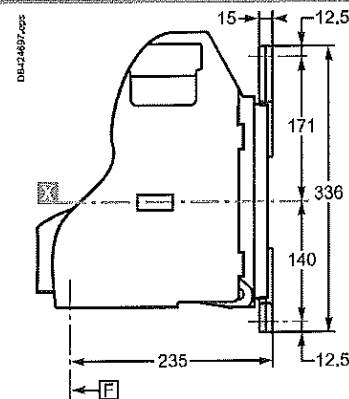
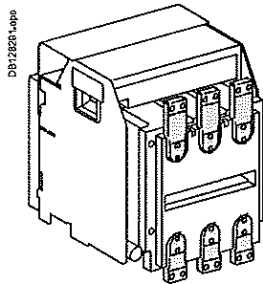


Vertical rear connection



View A detail.

Front connection



View A detail.

E : Datum.

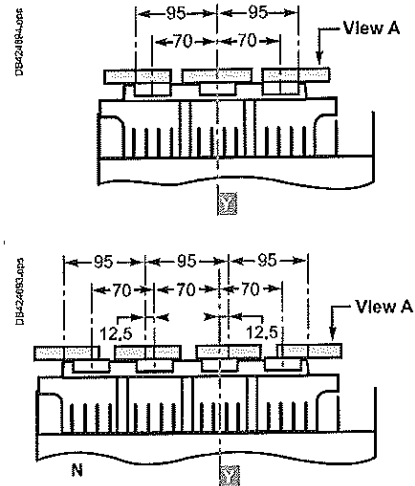
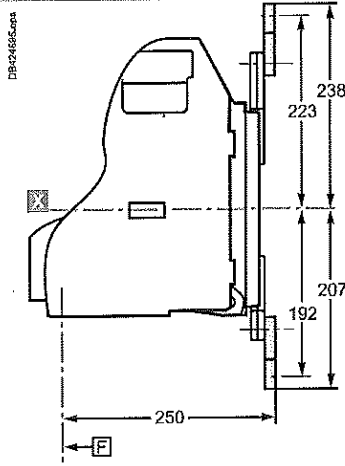
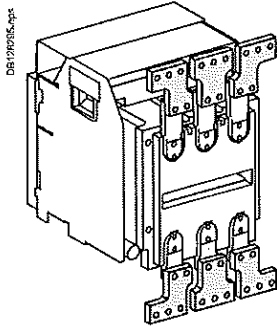
Note: Recommended connection screws: M10 class 8.8. Tightening torque: 50 Nm with contact washer.



Handwritten signature

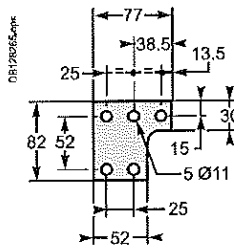
Dimensions and connection Compact NS630b to 1600 (plug-in and withdrawable versions) Bars

Front connection with spreaders



Spreader detail

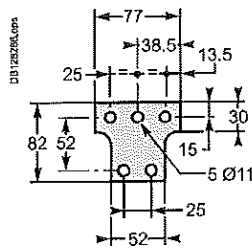
Middle left or middle right spreader for 4P



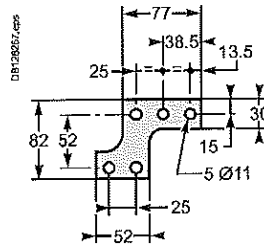
View A detail.

[E] : Datum.

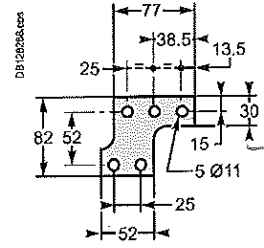
Middle spreader for 3P



Left or right spreader for 4P



Left or right spreader for 3P

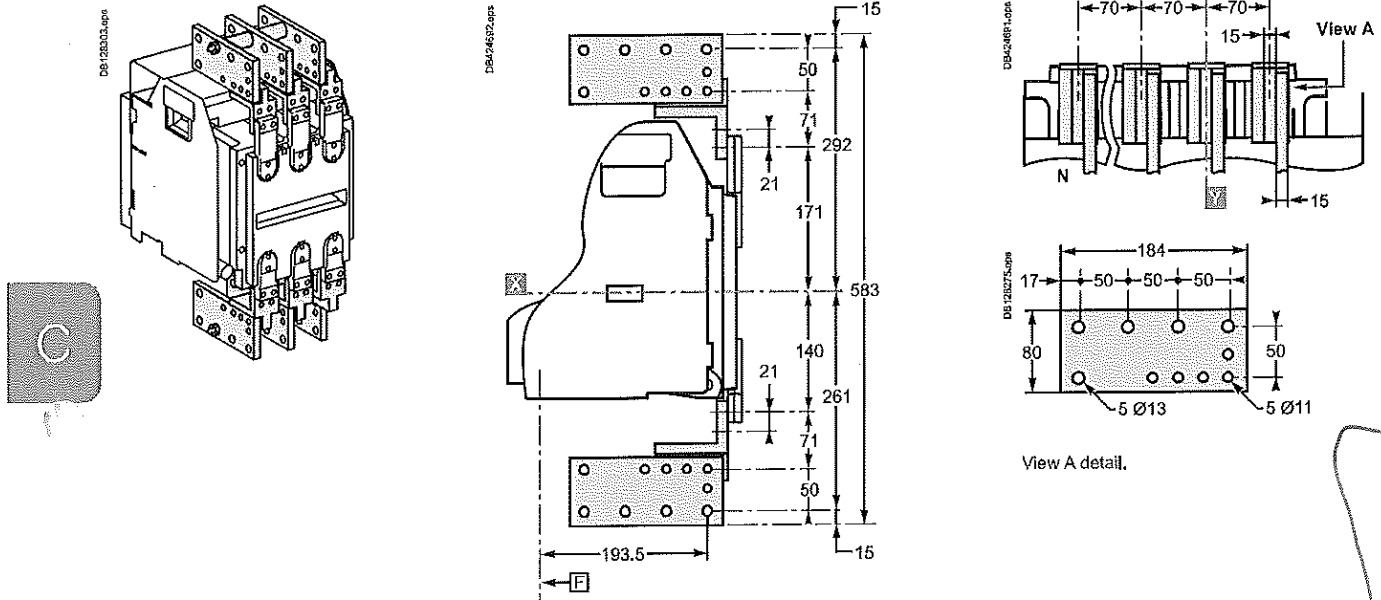


8 1111 0
OPW111111

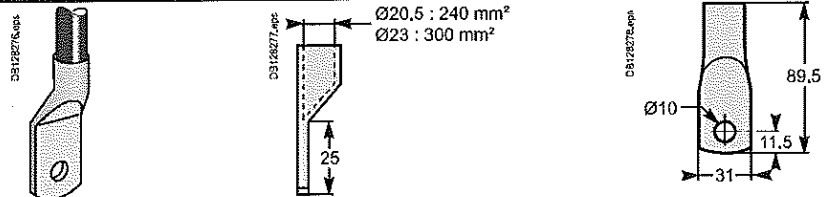


Compact NS630b to 1600 (plug-in and withdrawable versions) Cables with lugs

Front connection with vertical-connection adapters and cable-lug adapters



Lugs



8 710 C
OPV311111

F : Datum.

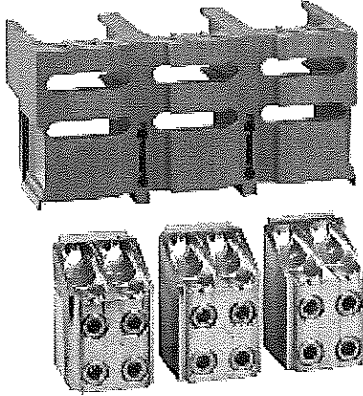
Note: and are the symmetry planes for a 3-pole device.
Recommended connection screws: M10 class 8.8.
Tightening torque: 50 Nm with contact washer.



Product data sheet
Characteristics

33640

3 connectors - < 1250A - for 4 x 240 mm² - bare cables and 1 connector shield



Main

Device short name	Front bare cable connectors
Product or component type	Terminal
Accessory / separate part category	Connection accessory
Range compatibility	Compact - Compact NS630b...1600
Offer type	C4
Poles description	3P
Quantity per set	Set of 3

Complementary

Mounting mode	Fixed
[In] rated current	0...1250 A
Conductor material	Aluminium
Connections - terminals	Cable connector 4 cable(s) 240 mm ²
Accessory / separate part category	Spare part Compact NS630b...1600

Contractual warranty

Warranty period	18 months
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2 WVO C
OPVYHAAA



Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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Handwritten signature



Декларация

Шнайдер Електрик България ЕООД

Продуктова група: **COMPACT NS**

Декларация за съответствие

Долуподписаният, фирма Шнайдер Електрик България ЕООД с адрес София 1766, Бизнес Парк София, сграда 4, ЕИК по Булстат 121587769, тел. 02/9329320 декларира на собствена отговорност, че продуктите:
Автоматични прекъсвачи Compact NS630b до NS3200, както и спомагателните устройства към тях с търговска марка Schneider Electric са в съответствие с:

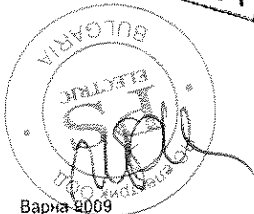
- Наредба за съществените изисквания и оценяване на съответствието на електрически съоръжения, предназначени за използване в определени граници на напрежението. В сила от 14.01.2003 г. Приета с ПМС № 182 от 06.07.2006 г. Обн. ДВ. бр.62 от 13 Юли 2001г., изм. ДВ. бр.74 от 22 Август 2003г., изм. ДВ. бр.24 от 21 Март 2006г., изм. ДВ. бр.40 от 16 Май 2006г., изм. ДВ. бр.37 от 8 Май 2007г.
- Наредба за съществените изисквания и оценяване на съответствието за електромагнитна съвместимост. В сила от 20.07.2007 г. Приета с ПМС № 76 от 6 април 2007 г. Обн. ДВ. бр.32 от 17 Април 2007г.

Гореспоменатите продукти съответстват на изискванията на стандарти БДС EN 60947-1 и БДС EN 60947-2, които въвеждат съответните хармонизирани европейски стандарти.

София
11.04.2013

На основание чл. 2
от ЗЗЛД

**ВЯРНО С
ОРИГИНАЛА**

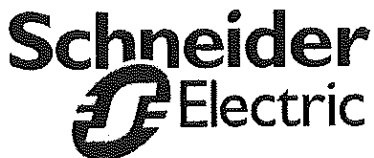


София 1766
Бизнес Парк София
сграда 4, ет. 6
тел.: +359 2 932 93 20
факс: +359 2 932 93 93

Център „Обслужване на клиенти“
тел.: 0700 110 20, +359 2 932 93 33
факс: +359 2 932 93 94
e-mail: esc@schneiderelectric.bg

Варна 9009
бул. Владислав Варненчик
258, Източна кула, ет. 4
Варна Тауърс
тел.: (052) 730 155
факс: (052) 730 166

Бургас 8000
ул. „Трайко Китанчев“ 47
ет. 1, офис 3
тел./факс: +359 56 816 970



Declaration

Schneider Electric Bulgaria EOOD

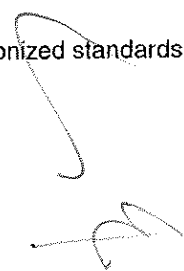
Product group: COMPACT NS

Declaration of conformity

Undersigned, company Schneider Electric Bulgaria EOOD, address: 1766 Sofia, Bulgaria; Business Park Sofia, building 10, fl.1; Mladost 4 declares on it's own responsibility, that the products: Circuit breakers Compact NS 80 up to NS 1600 and all attached subsidiary devices with brand Merlin Gerin are in conformity with:

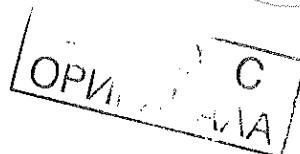
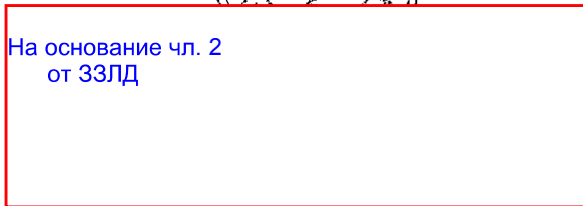
- Regulation of essential requirements and valuation of the conformity of the electrical equipments, designed for determinated voltage limits (Low voltage directive)
- Regulation of essential requirements and valuation of electromagnetic compatability (Directive for electromagnetic compatability)

Above-mentioned products are in conformity with the requirements and standards BDS EN 60947-1 and BDS EN 60947-2, that lead in all the relevant European harmonized standards.



На основание чл. 2 от ЗЗЛД

Sofia
16.10.2007



Schneider Electric Bulgaria EOOD
1766 Sofia, Bulgaria
Business Park Sofia, building 10, fl.1
Mladost 4
Tel. ++359 (2) 932 93 20
Fax ++359 (2) 932 93 93
<http://www.schneiderelectric.bg>

