

Switchboard integration

Compact NSXm dimensions and mounting

Circuit breaker and switch-disconnector

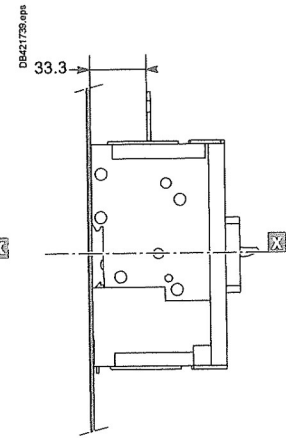
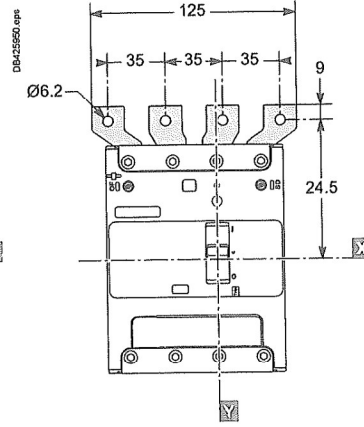
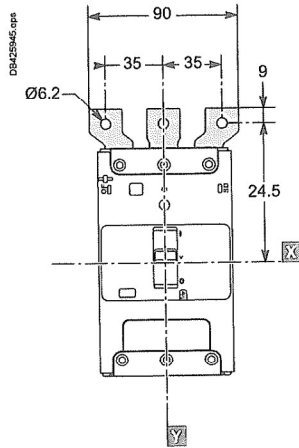
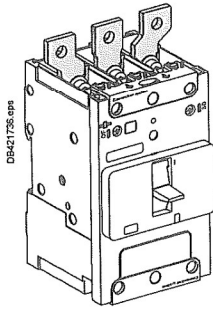
Connection with accessories

Spreaders

3P

4P

Side view



ВЯРНО С ОРИГИНАЛА



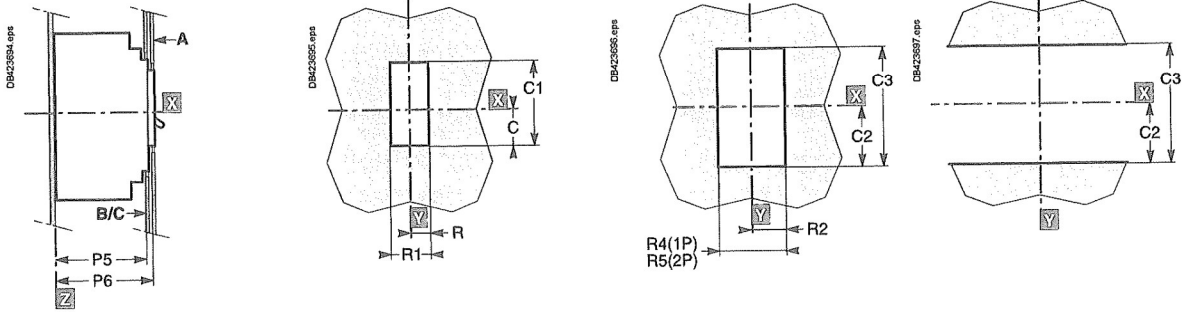
879

Compact NSX dimensions and mounting

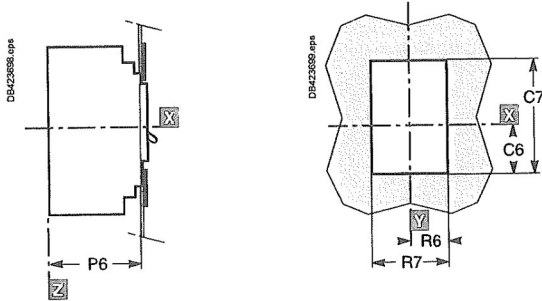
Compact NSX100 to NSX250 fixed version, 1P-2P

Front-panel cutout

On backplate



With escutcheon



Dimensions (mm)

Type	C	C1	C2	C3	C6	C7	G	G1	G4	G6	H
NSX100/250	29	76	54	108	43	104	62.5	125	70	140	80.5
Type	H1	H2	H3	H4	H6	H7	K	K1	L3	L4	L6
NSX100/250	161	94	188	160.5	178.5	357	17.5	35	17.5	70	35
Type	P1	P2	P4	P5	P6	R	R1	R2	R4	R6	R6
NSX100/250	81	86	111	83	88	14.5	29	19	38	73	29
Type	R7	ØT	ØT4	U							
NSX100/250	58	6	22	≤32							



ВЕРНО С ОРИГИНАЛА



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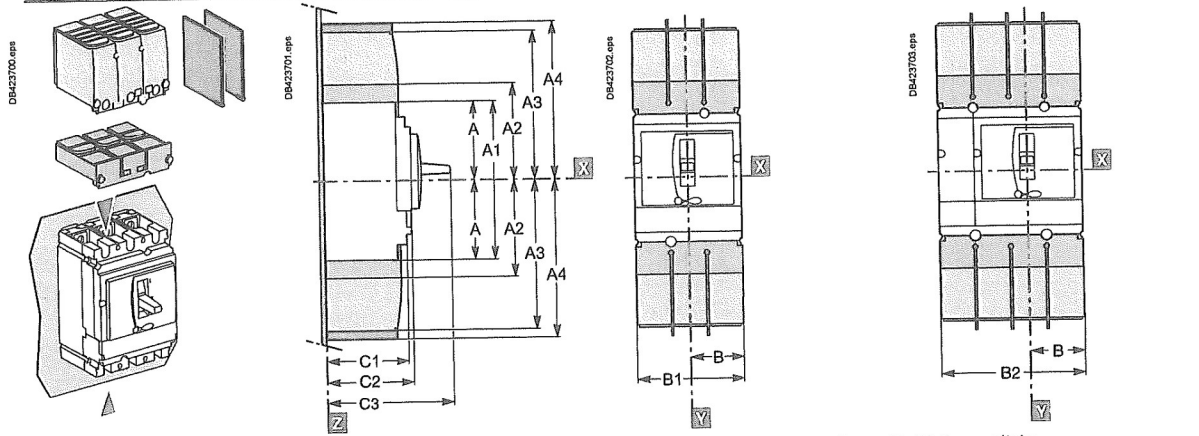
Switchboard integration

Compact NSX dimensions and mounting

Compact NSX100 to 630 fixed version

Handwritten mark

Dimensions



Interphase barriers.
 Long terminal shields (also available for NSX400/630 spreaders with 52.5 mm pitch:
 Short terminal shields.
 B1 = 157.5 mm, B2 = 210 mm).

Mounting

NSX100 to 250

NSX400/630 [2]

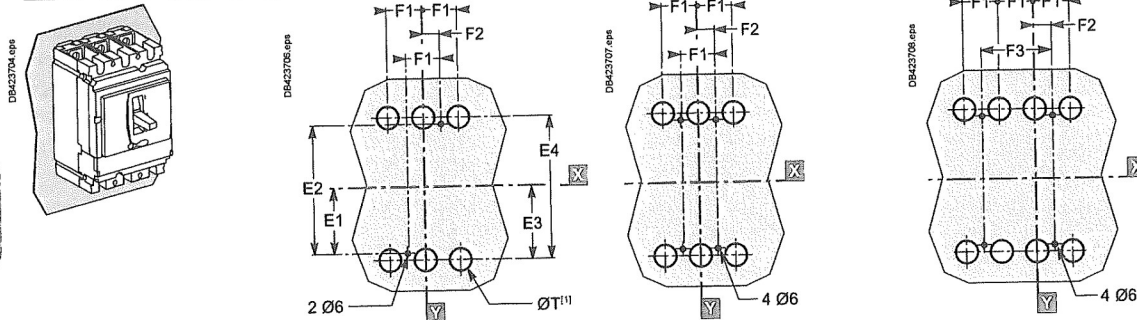
NSX100 to 630 [2]

On backplate

2/3P

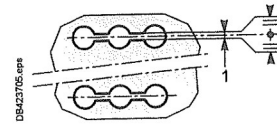
3P

4P



[2] For 630 A only:

[1] The ØT holes are required for rear connection only.
For two-pole circuit breakers, the middle holes are not required.

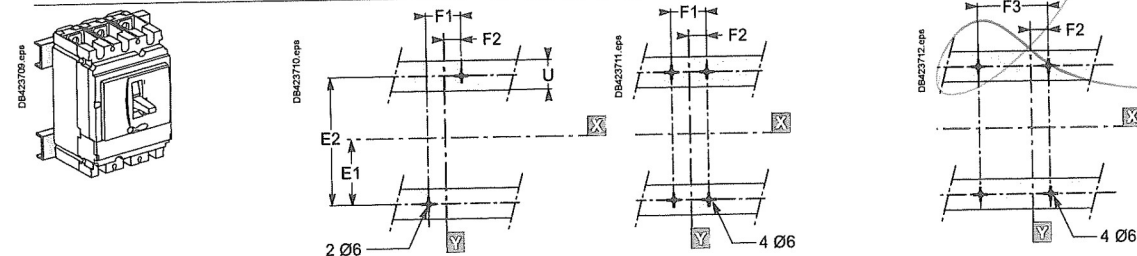


On rails

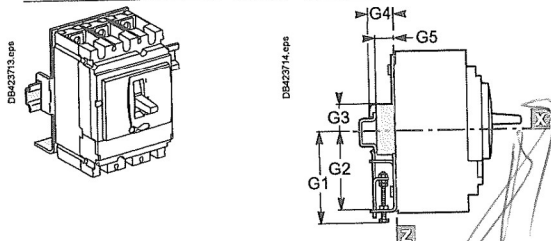
2/3P

3P

4P



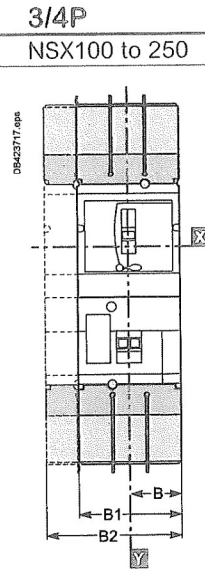
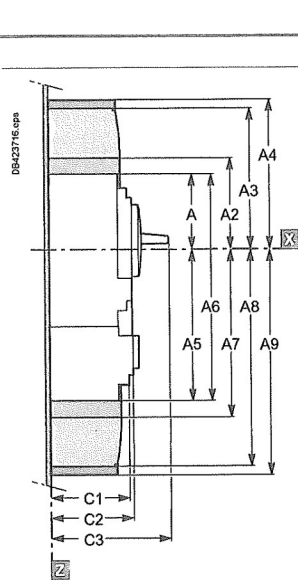
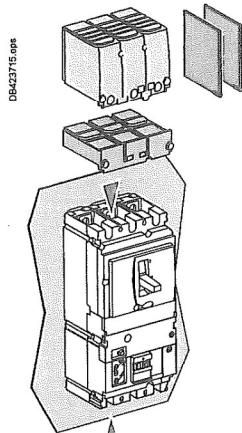
On DIN rail with adapter plate (NSX100 to 250)



Compact NSX dimensions and mounting

Compact NSX100 to 630 Vigi add-on fixed version

Dimensions



Mounting

On backplate

NSX100 to 250

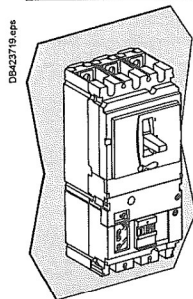
3P

NSX400/630 [2]

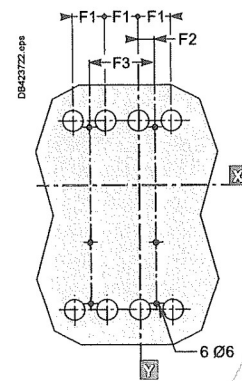
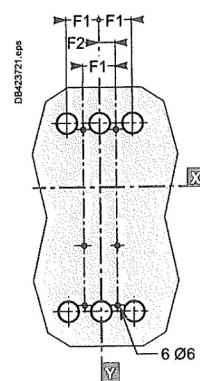
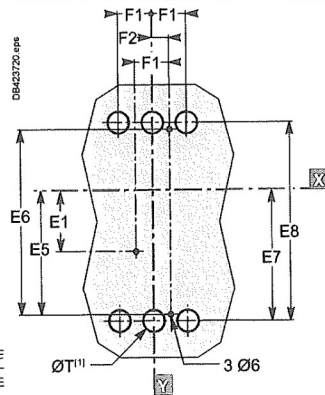
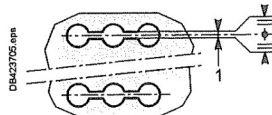
3P

NSX100 to 630 [2]

4P



[2] For 630 A only:



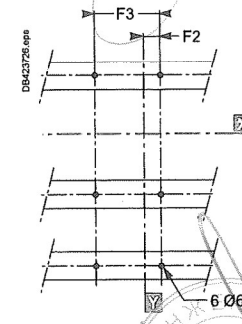
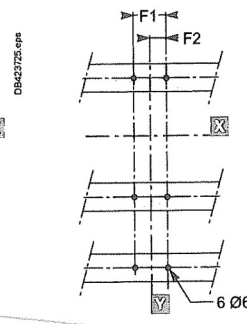
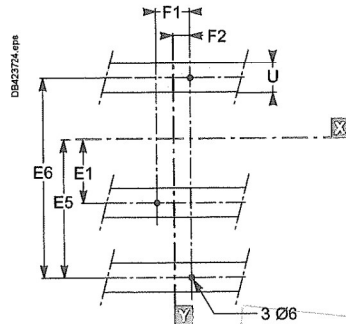
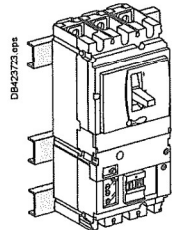
[1] The ØT holes are required for rear connection only.
For two-pole circuit breakers, the middle holes are not required.

On rails

3P

3P

4P



Type	A	A1	A2	A3	A4	A5	A6	A7	A8	A9	B	B1	B2	C1	C2	C3	E1
NSX100/160/250	80.5	161	94	145	178.5	155.5	236	169	220	253.5	52.5	105	140	81	86	126	62.5
NSX400/630	127.5	255	142.5	200	237	227.5	355	242.5	300	337	70	140	185	105	110	168	100
Type	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	U
NSX100/160/250	125	70	140	137.5	200	145	215	35	17.5	70	95	75	13.5	23	17.5	24	≤ 32
NSX400/630	200	113.5	227	200	300	213.5	327	45	22.5	90	-	-	-	-	32	≤ 35	

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Switchboard integration

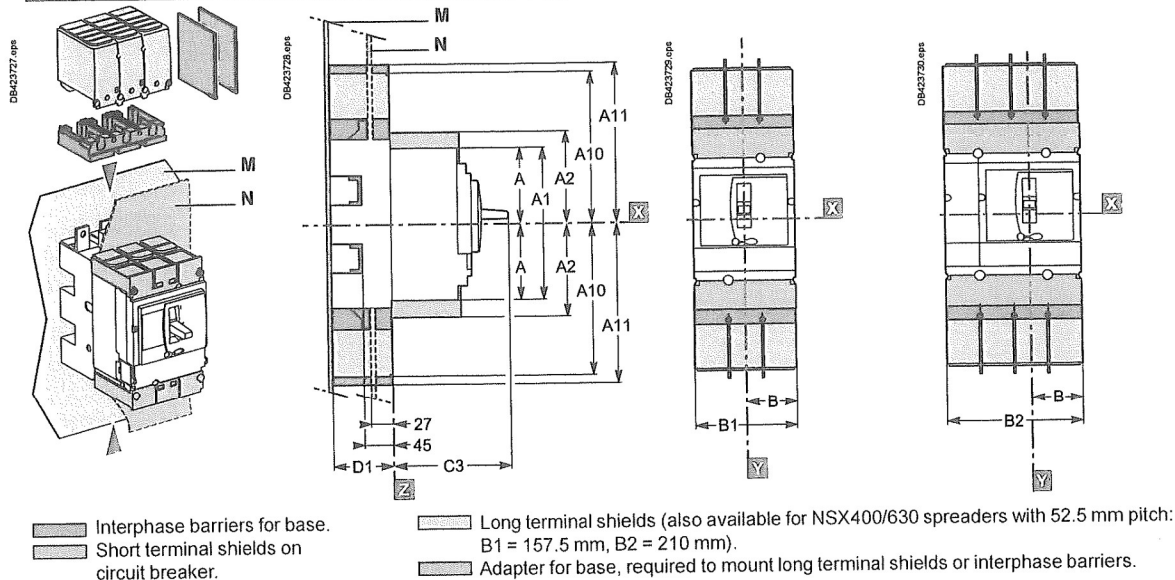
Compact NSX dimensions and mounting

Compact NSX100 to 630 plug-in version

Dimensions

2/3P

4P



Mounting

Through front panel (N)

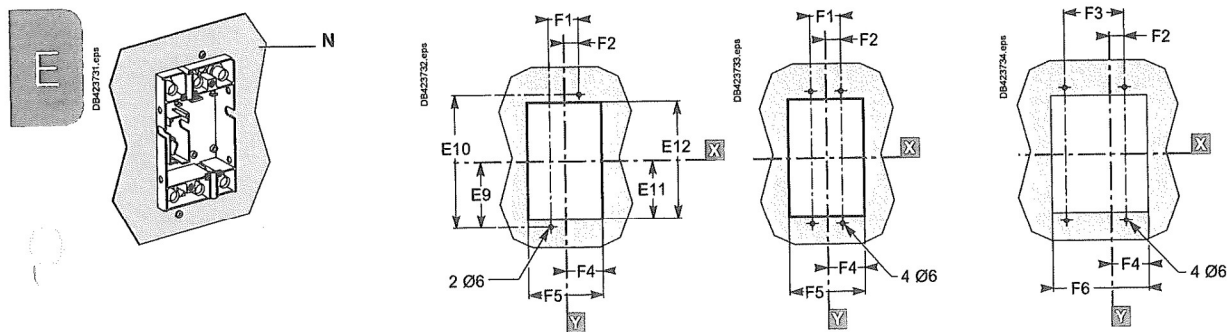
2/3P

3P

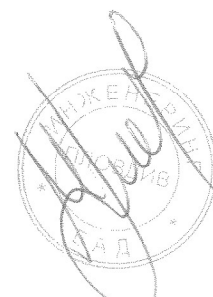
4P

NSX400/630

NSX100 to 630



ВЯРНО С ОРИГИНАЛА



Switchboard integration

Compact NSX dimensions and mounting

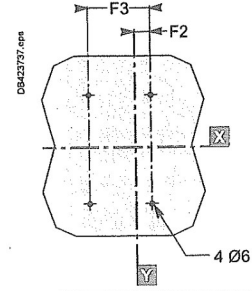
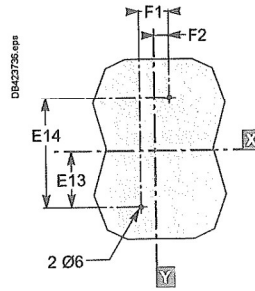
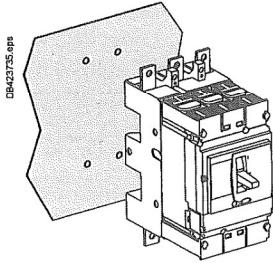
Compact NSX100 to 630 plug-in version

On backplate (M)

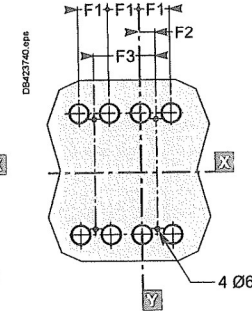
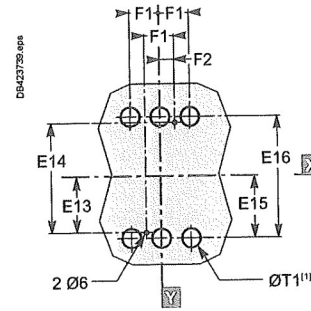
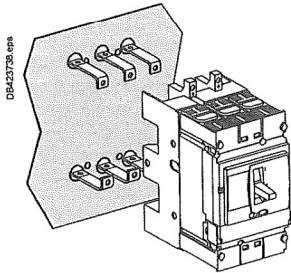
2/3P

4P

Front connection (an insulating screen is supplied with the base and must be fitted between the base and the backplate)

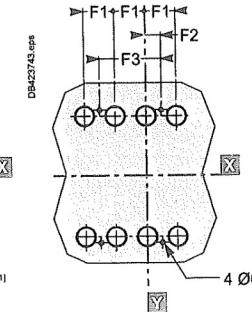
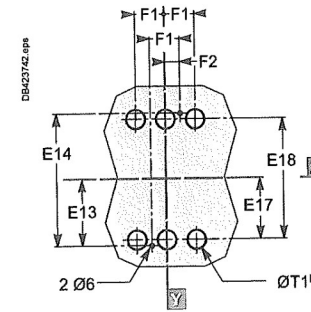
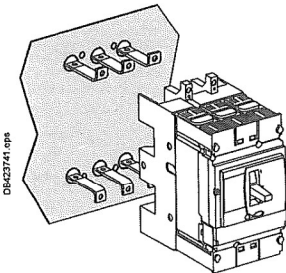


Connection by exterior-mounted rear connectors



[1] The ØT1 holes are required for rear connection only (for two-pole circuit breakers, the middle holes are not required).

Connection by interior-mounted rear connectors

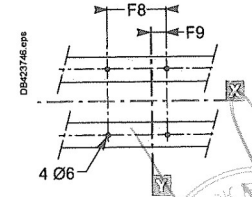
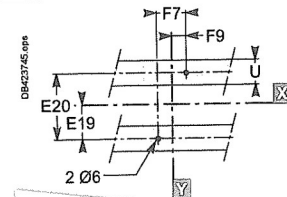
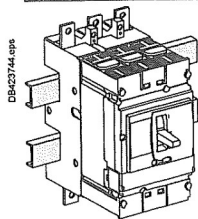


[1] The ØT1 holes are required for rear connection only (for two-pole circuit breakers, the middle holes are not required).

On rails

2/3P

4P



Type	A	A1	A2	A10	A11	B	B1	B2	C3	D1	E9	E10	E11	E12	E13	E14	E15
NSX100/160/250	80.5	161	94	175	210	52.5	105	140	126	75	95	190	87	174	77.5	155	79
NSX400/630	127.5	255	142.5	244	281	70	140	185	168	100	150	300	137	274	125	250	128
Type	E16	E17	E18	E19	E20	F1	F2	F3	F4	F5	F6	F7	F8	F9	ØT1	U	
NSX100/160/250	158	61	122	37.5	75	35	17.5	70	54.5	109	144	70	105	35	24	≤ 32	
NSX400/630	252	101	202	75	160	45	22.5	90	71.5	143	188	100	145	50	33	≤ 35	

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Switchboard integration

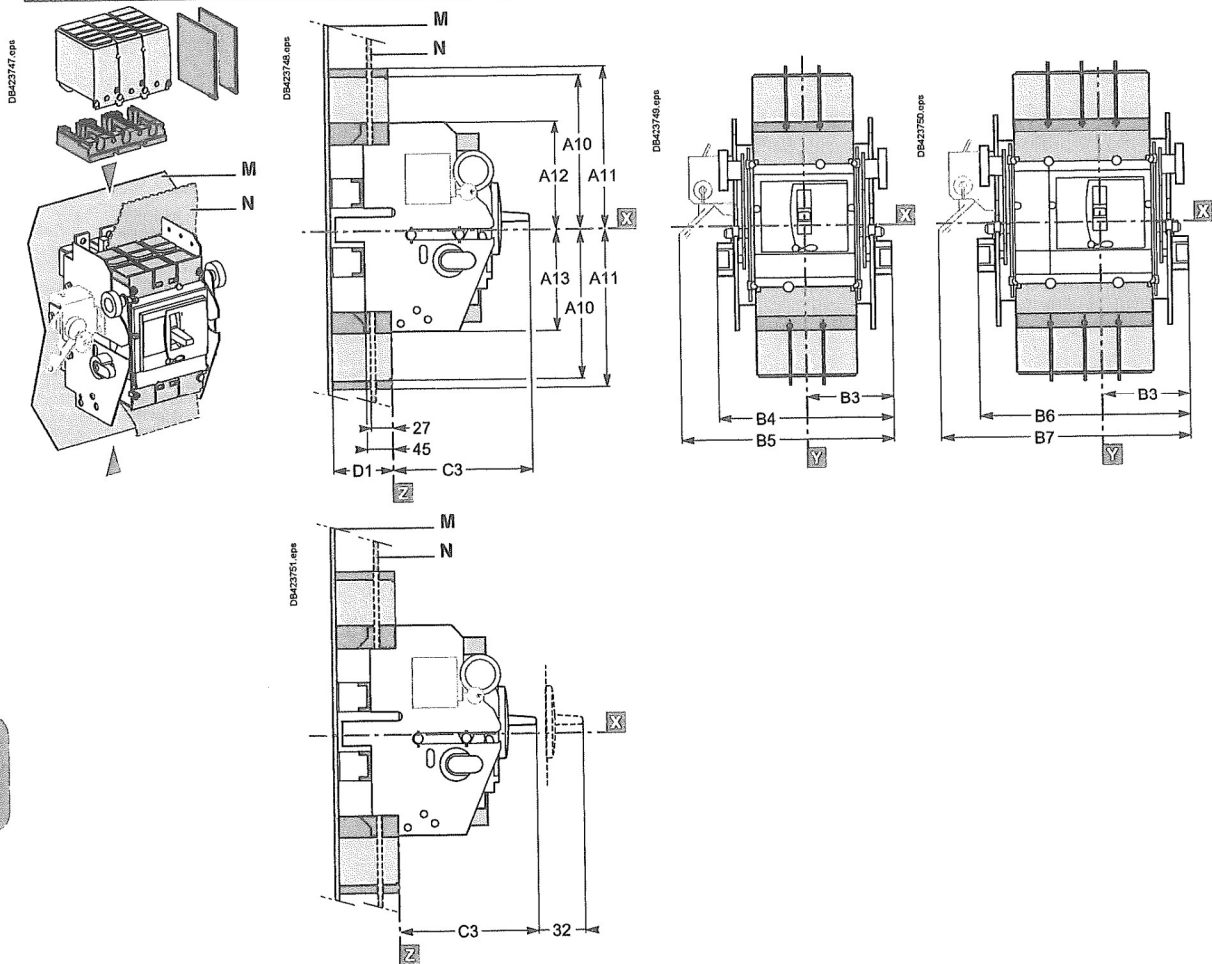
Compact NSX dimensions and mounting

Compact NSX100 to 630 withdrawable version

Dimensions

2/3P

4P



- Interphase barriers for base.
- Short terminal shields on circuit breaker.
- Long terminal shields.
- Adapter for base, required to mount long terminal shields or interphase barriers.

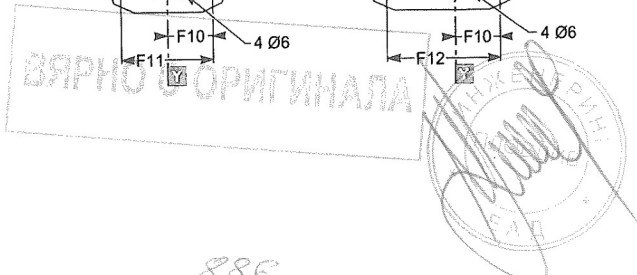
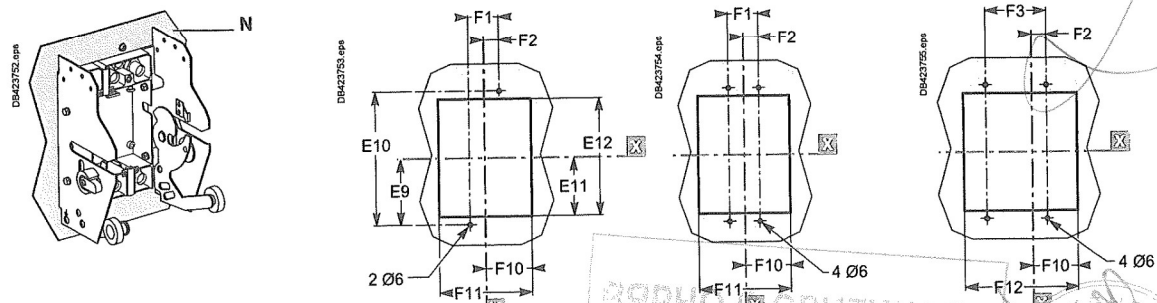
Mounting

Through front panel (N)

2/3P
NSX100 to 250

3P
NSX400/630

4P
NSX100 to 630



Switchboard integration

Compact NSX dimensions and mounting

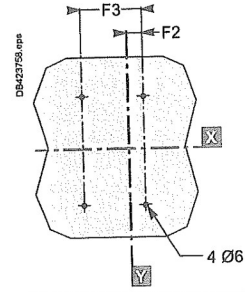
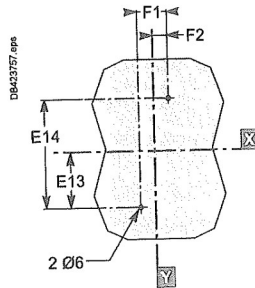
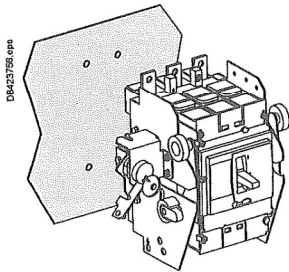
Compact NSX100 to 630 withdrawable version

On backplate (M)

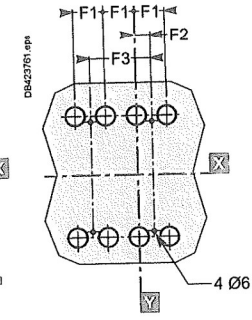
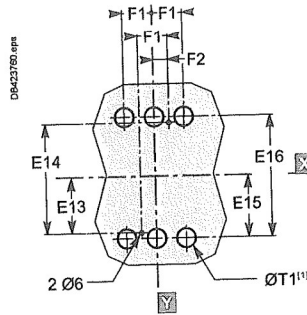
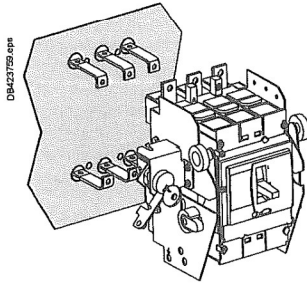
2/3P

4P

Front connection (an insulating screen is supplied with the base and must be fitted between the base and the backplate)

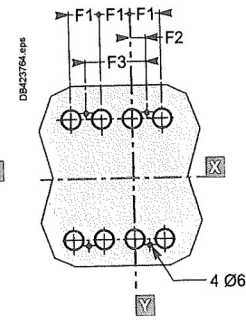
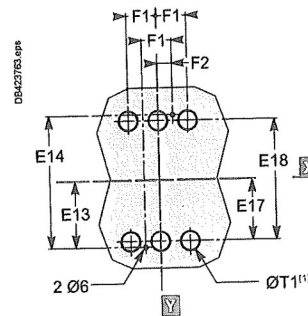
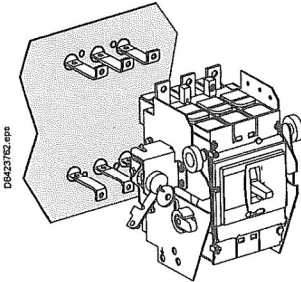


Connection by exterior-mounted rear connectors



[1] The ØT1 holes are required for rear connection only (for two-pole circuit breakers, the middle holes are not required).

Connection by interior-mounted rear connectors

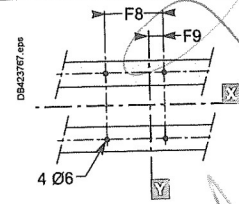
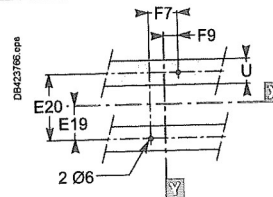
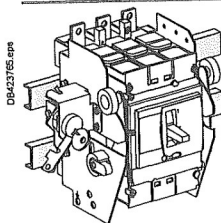


[1] The ØT1 holes are required for rear connection only (for two-pole circuit breakers, the middle holes are not required).

On rails

2/3P

4P



Type	A10	A11	A12	A13	B3	B4	B5	B6	B7	C3	D1	E9	E10	E11	E12	E13	E14
NSX100/160/250	175	210	106.5	103.5	92.5	185	216	220	251	126	75	95	190	87	174	77.5	155
NSX400/630	244	281	140	140	110	220	250	265	295	168	100	150	300	137	274	125	250
Type	E15	E16	E17	E18	E19	E20	F1	F2	F3	F7	F8	F9	F10	F11	F12	ØT1	U
NSX100/160/250	79	158	61	122	37.5	75	35	17.5	70	70	105	35	74	148	183	24	≤ 32
NSX400/630	126	252	101	202	75	150	45	22.5	90	100	145	50	91.5	183	228	33	≤ 35

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Switchboard integration

Compact NSX dimensions and mounting

Compact NSX100 to 630 Vigi add-on plug-in and withdrawable versions

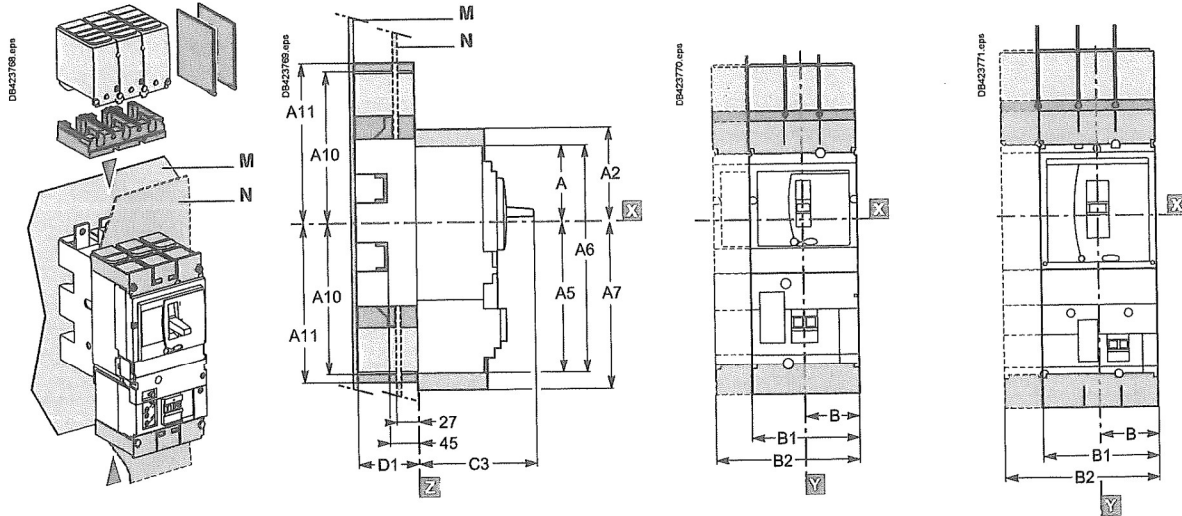
Dimensions - plug-in version

NSX100 to 250

NSX400/630

3/4P

3/4P



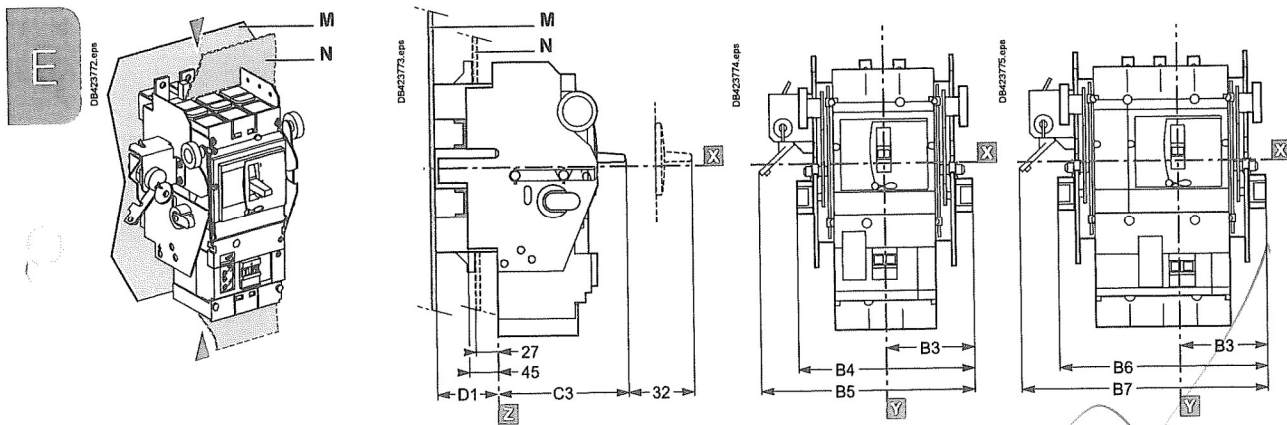
- Interphase barriers for base.
- Short terminal shields on circuit breaker.
- Long terminal shields (also available for NSX400/630 spreaders with 52.5 mm pitch: B1 = 157.5 mm, B2 = 210 mm).
- Adapter for base, required to mount long terminal shields or interphase barriers.

Dimensions - withdrawable version

NSX100 to 630

3P

4P



Mounting

Through front panel (N)

See Compact NSX 100 to 630 plug-in version, page E-38, or withdrawable version, page E-40

On backplate (M)

See Compact NSX 100 to 630 plug-in version, page E-39, or withdrawable version, page E-41

On rails

See Compact NSX 100 to 630 plug-in version, page E-39, or withdrawable version, page E-41

Type	A	A2	A5	A6	A7	A10	A11	B	B1	B2	B3	B4	B5	B6	B7	C3	D1
NSX100/160/250	80.5	94	155.5	236	169	175	210	52.5	105	140	92.5	185	216	220	251	126	75
NSX400/630	127.5	142.5	227.5	355	242.5	244	281	70	140	185	110	220	250	265	295	168	100

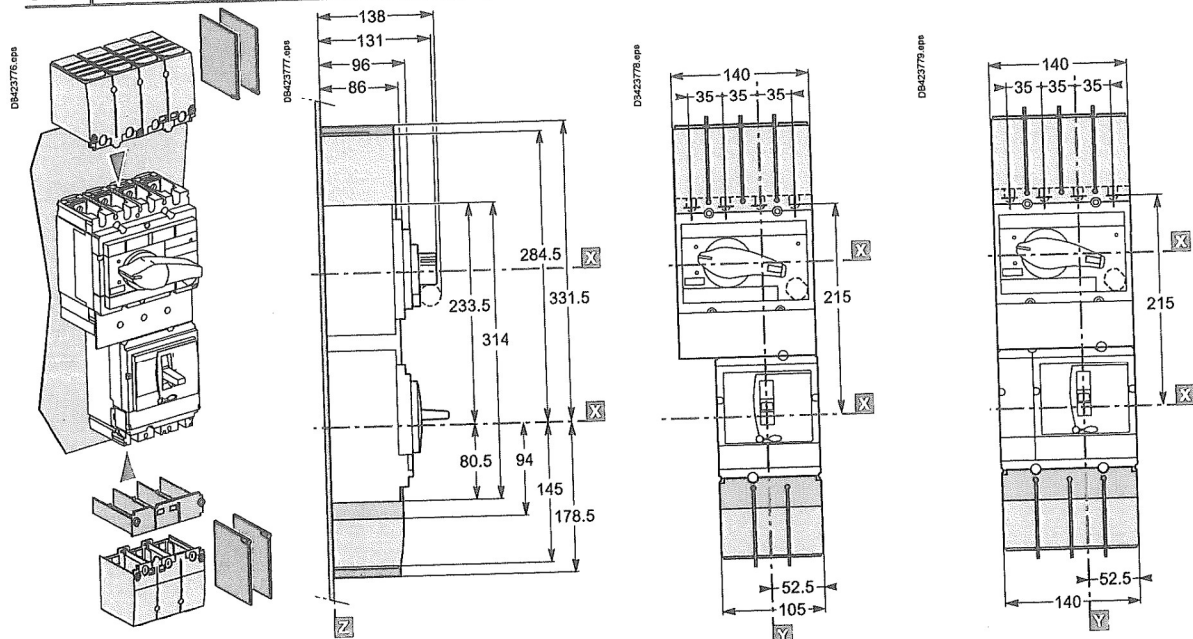
Compact NSX dimensions and mounting

Visu function for Compact NSX100 to 250 fixed version

Dimensions - combination with Compact INV100 to 250

3P

4P



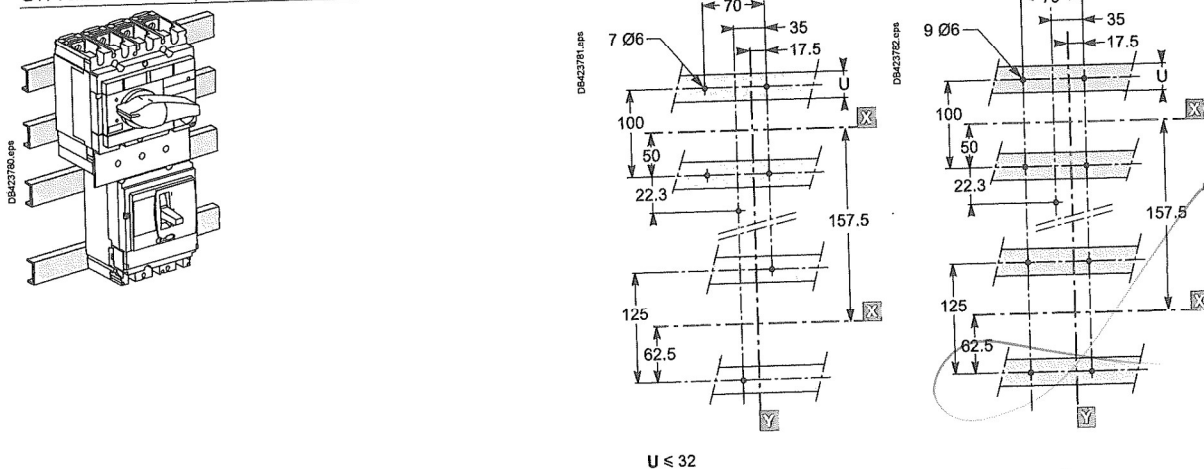
- Interphase barriers.
- Short terminal shields.
- Long terminal shields.

Mounting

On rails or backplate

3P

4P



ВЯРНО С ОРИГИНАЛА



Handwritten signature

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Switchboard integration

Compact NSX dimensions and mounting

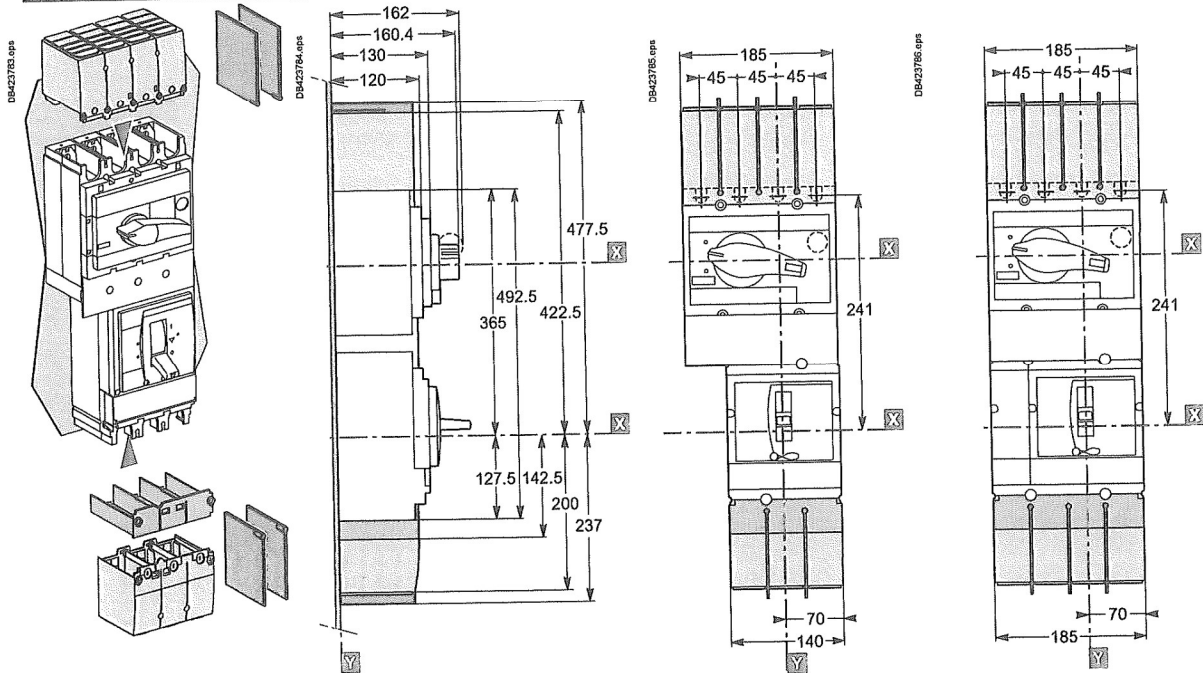
Visu function for Compact NSX400/630 fixed version

Handwritten mark

Dimensions - combination with Compact INV400 to 630

3P

4P



E

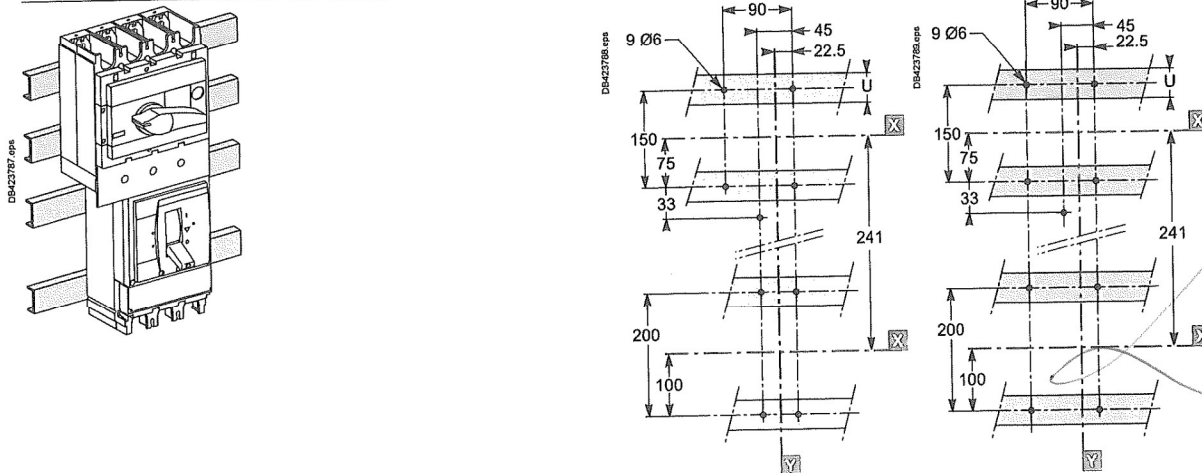
- Interphase barriers for base.
- Short terminal shields.
- Long terminal shields.

Mounting

On rails or backplate

3P

4P



U ≤ 35

ВЯРНО С ОРИГИНАЛА

Handwritten signature and circular stamp

Compact NSX dimensions and mounting

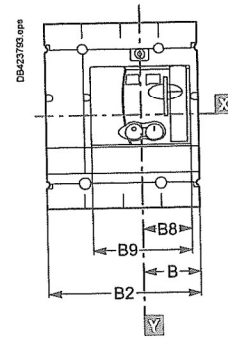
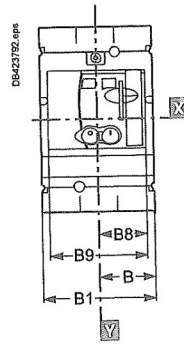
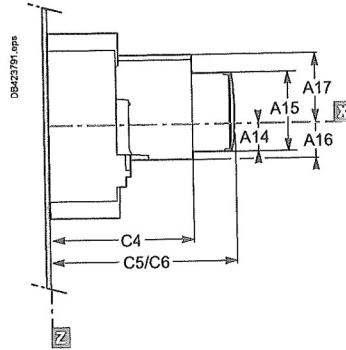
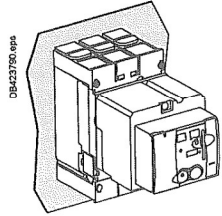
Motor mechanism module for Compact NSX100 to 630

Dimensions

3P

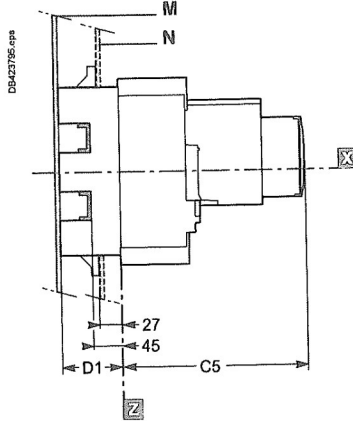
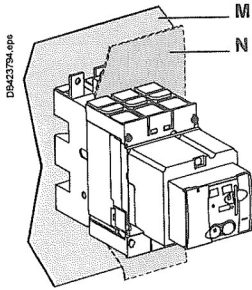
4P

Fixed circuit breaker

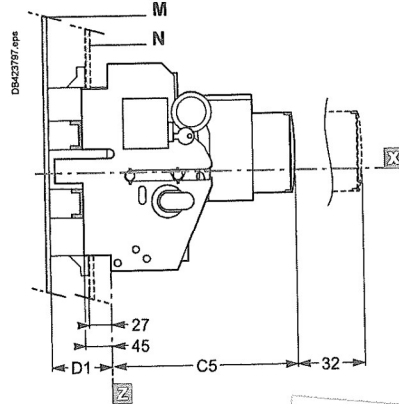
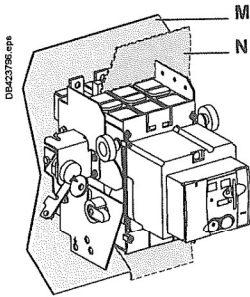


C5: without keylock
C6: with keylock

Plug-in circuit breaker

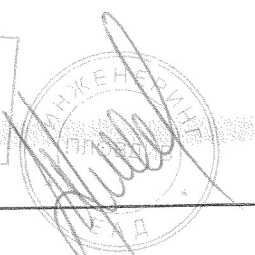


Withdrawable circuit breaker



Type	A14	A15	A16	A17	B	B1	B2	B8	B9	C4	C5	C6	D1
NSX100/160/250	27.5	73	34.5	62.5	52.5	105	140	45.5	91	143	182	209.5	75
NSX400/630	40	123	52	100	70	140	185	61.5	123	215	256	258	100

ВЯРНО С ОРИГИНАЛА



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Switchboard integration

Compact NSX dimensions and mounting

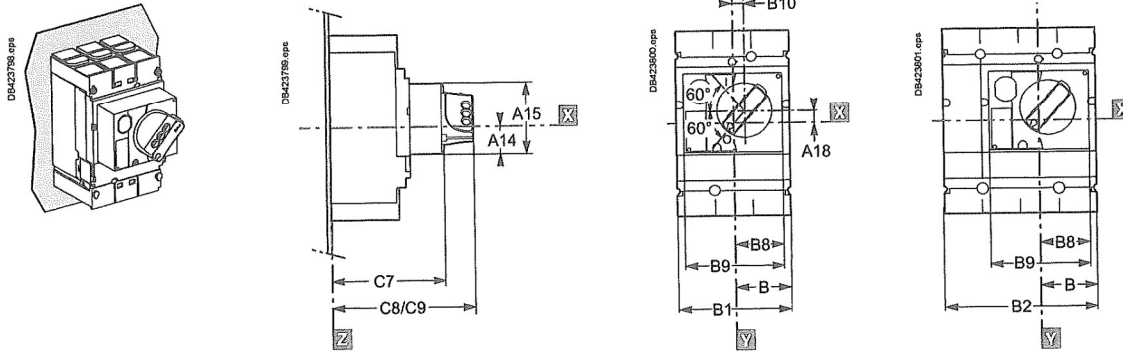
Direct rotary handle for Compact NSX100 to 630

Dimensions

3P

4P

Fixed circuit breaker

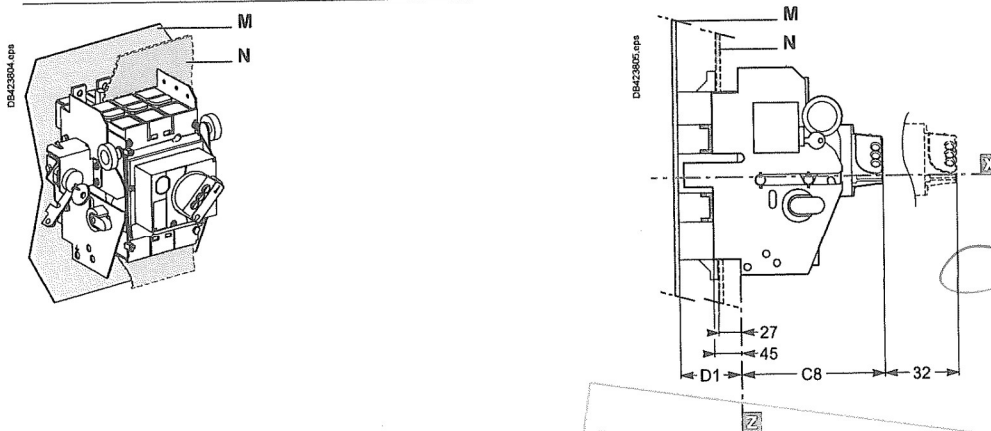


C8: without keylock
C9: with keylock

Plug-in circuit breaker

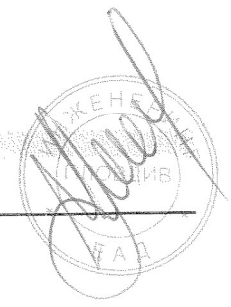


Withdrawable circuit breaker



Type	A14	A15	A18	B	B1	B2	B8	B9	B10	C7	C8	C9	D1
NSX100/160/250	27.5	73	9	52.5	105	140	45.5	91	9.25	121	155	164	75
NSX400/630	40	123	24.6	70	140	185	61.5	123	5	145	179	188	100

ВЯРНО С ОРИГИНАЛА

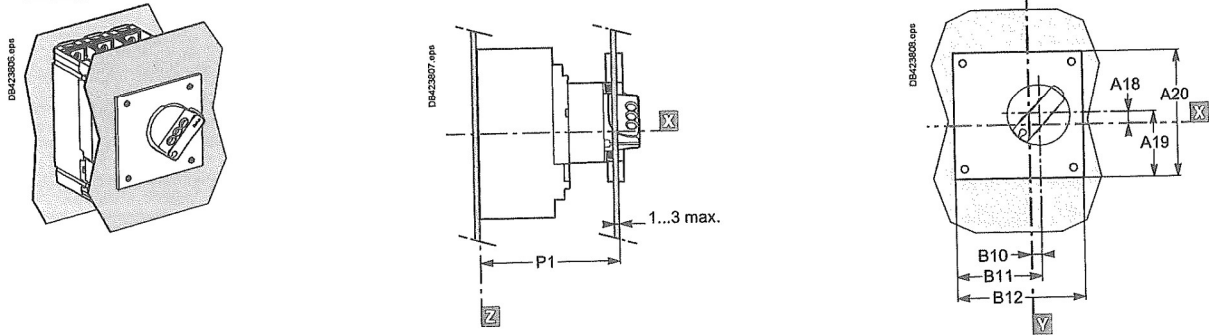


Compact NSX dimensions and mounting

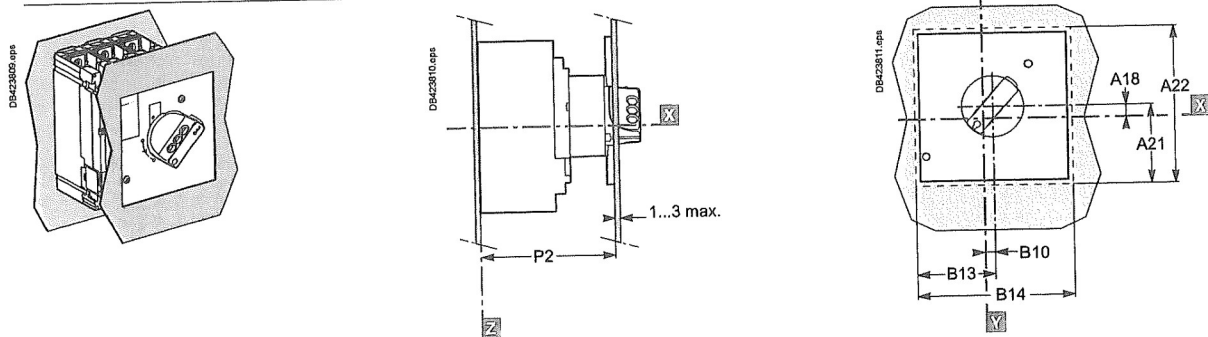
MCC and CNOMO type direct rotary handles for Compact NSX100 to 630 fixed version

Dimensions

MCC type direct rotary handle



CNOMO type direct rotary handle

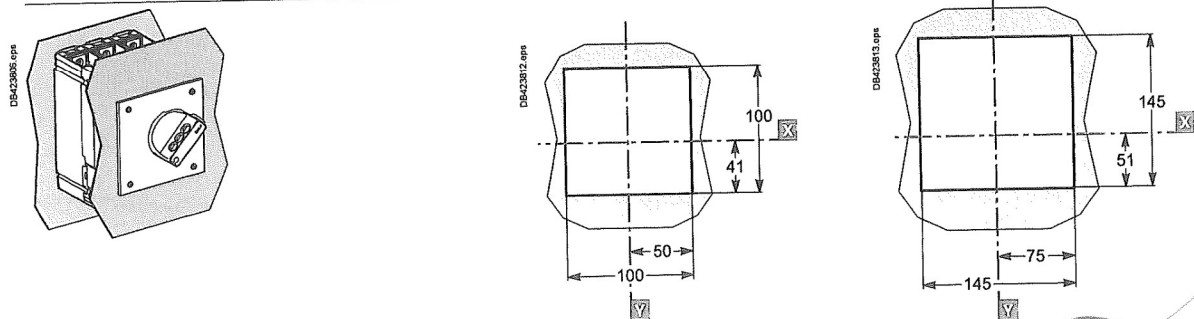


Front-panel cutout

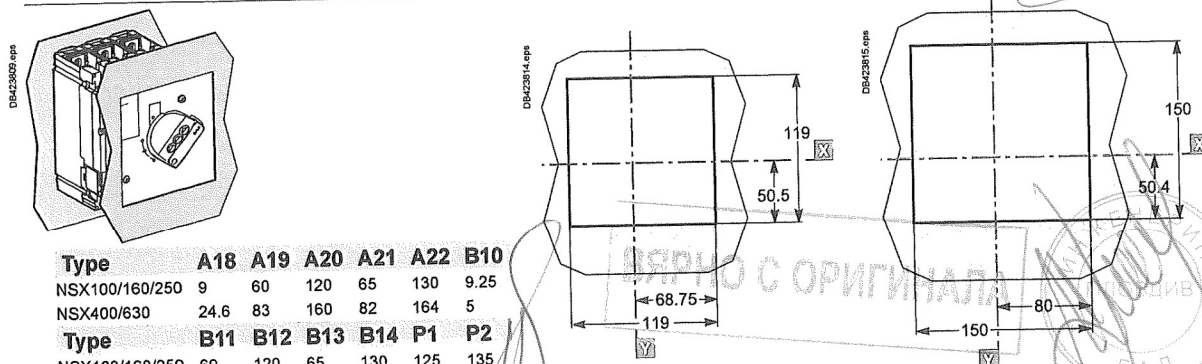
NSX100 to 250

NSX400/630

MCC type direct rotary handle



CNOMO type direct rotary handle



Type	A18	A19	A20	A21	A22	B10
NSX100/160/250	9	60	120	65	130	9.25
NSX400/630	24.6	83	160	82	164	5
Type	B11	B12	B13	B14	P1	P2
NSX100/160/250	69	120	65	130	125	135
NSX400/630	85	160	82	164	149	158

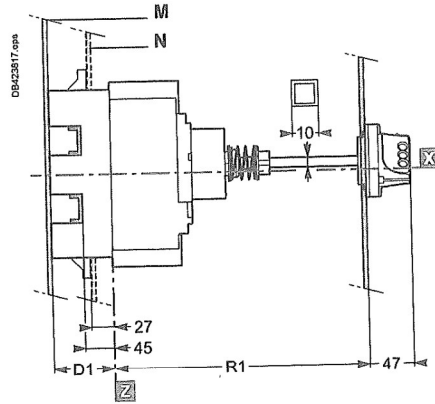
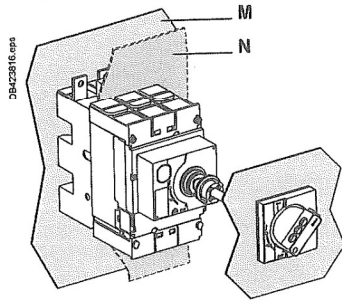
Switchboard integration

Compact NSX dimensions and mounting

Extended rotary handle for Compact NSX100 to 630

Dimensions

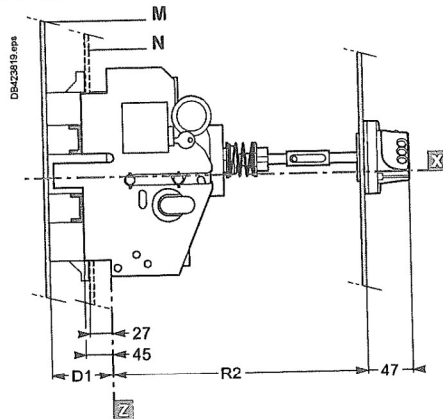
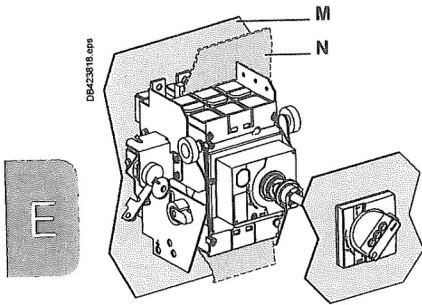
Fixed and plug-in circuit breakers



Cutout for shaft (mm)

Type	R1
NSX100/160/250	min. 171 max. 600
NSX400/630	min. 195 max. 600

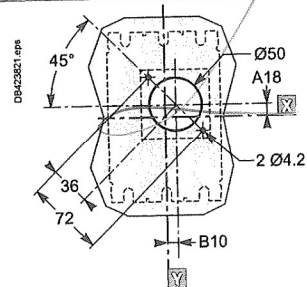
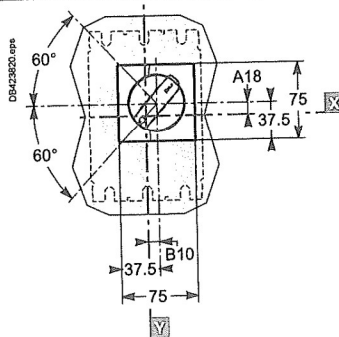
Withdrawable circuit breaker



Cutout for shaft (mm)

Type	R2
NSX100/160/250	min. 248 max. 600
NSX400/630	min. 272 max. 600

Dimensions and front-panel cutout



Type	A18	B10	D1
NSX100/160/250	9	9.25	75
NSX400/630	24.6	5	100

ВЯРНО С ОРИГИНАЛА

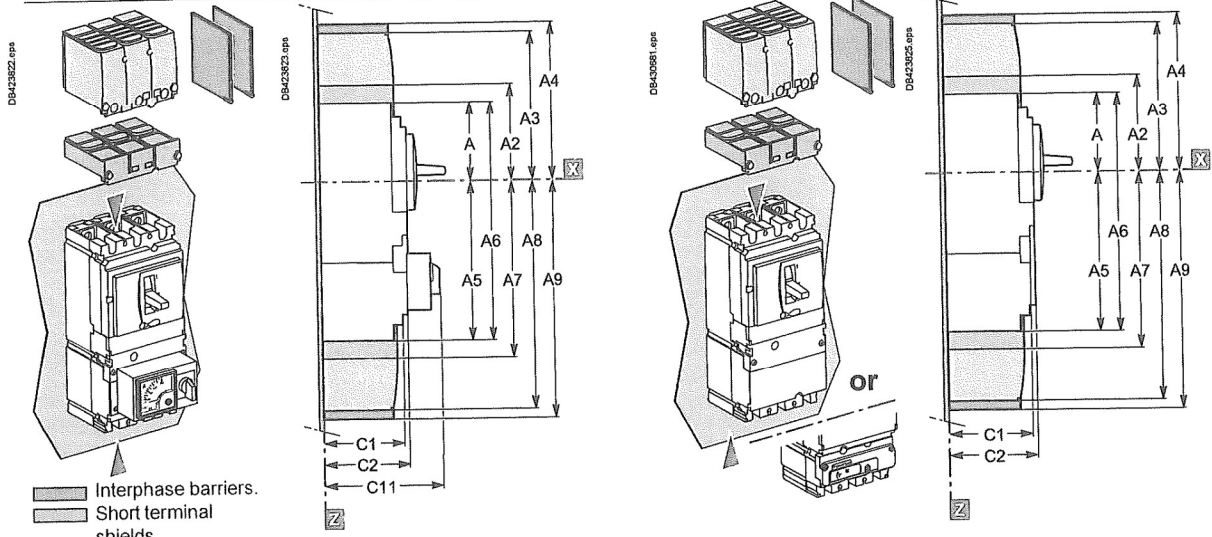


Compact NSX dimensions and mounting

Indication and measurement modules for Compact NSX100 to 630 fixed version

Dimensions of circuit breaker with Ammeter module

Current-transformer / PowerTag NSX module



Mounting

On backplate

NSX100 to 250

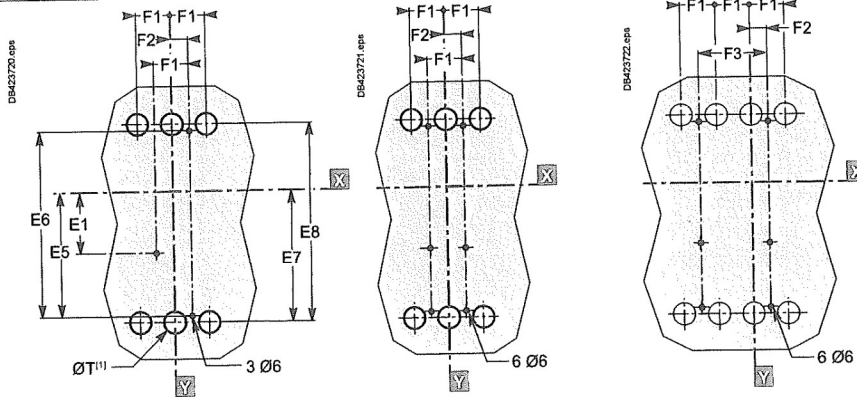
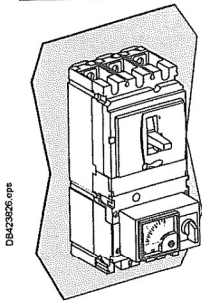
NSX400/630

NSX100 to 630

2/3P

3P

4P



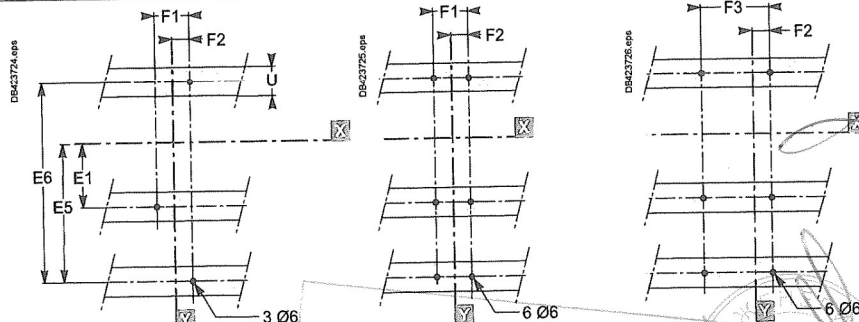
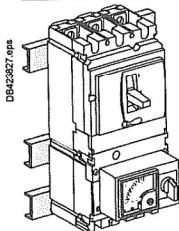
[1] The ØT holes are required for rear connection only. For two-pole circuit breakers, the middle holes are not required.

On rails

2/3P

3P

4P



Type	A	A2	A3	A4	A5	A6	A7	A8	A9	C1	C2	C11	E1	E5	E6	E7	E8	F1
NSX100/160/250	80.5	94	145	178.5	155.5	236	169	220	253.5	81	86	137	62.5	137.5	200	145	215	35
NSX400/630	127.5	142.5	200	237	227.5	355	242.5	300	337	95.5	110	162	100	200	300	213.5	327	45
Type	F2	F3	ØT	U	Type	A5	A6	A7	A8	A9	E5	E6	E7	E8				
NSX100/160/250	17.5	70	24	≤ 32	NSX100/160/250 with PowerTag NSX	120.5	201	134	185	219.5	102.5	165	110	180				
NSX400/630	22.5	90	32	≤ 35	NSX400/630 with PowerTag NSX	192.5	320	207.5	265	302.5	165	265	178.5	192				

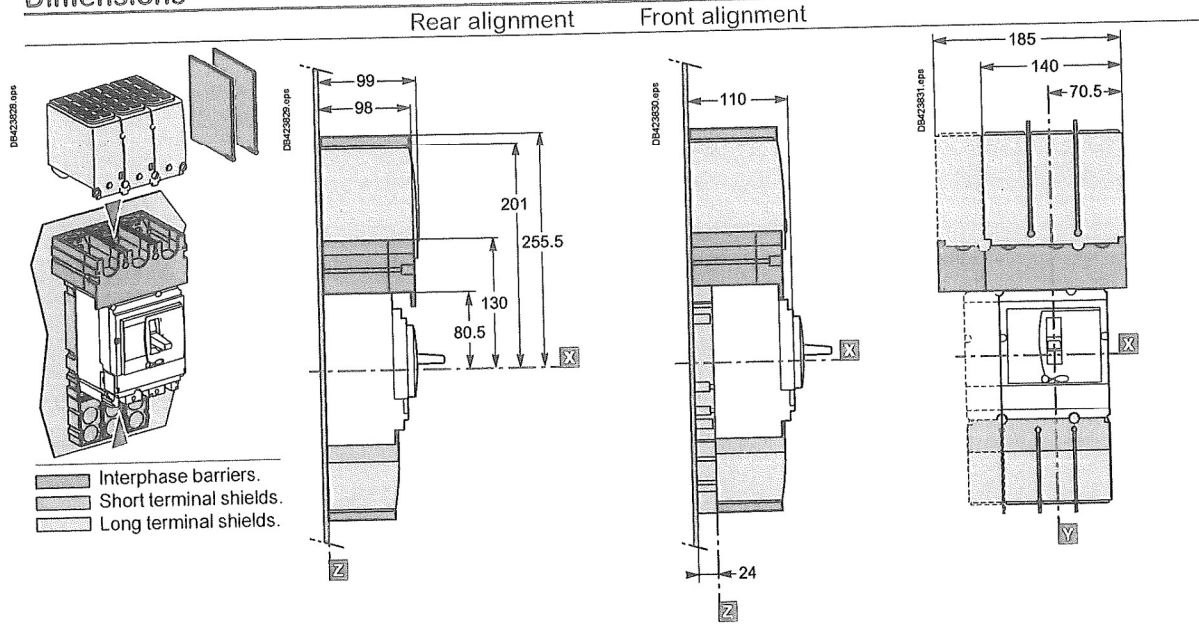
895

Switchboard integration

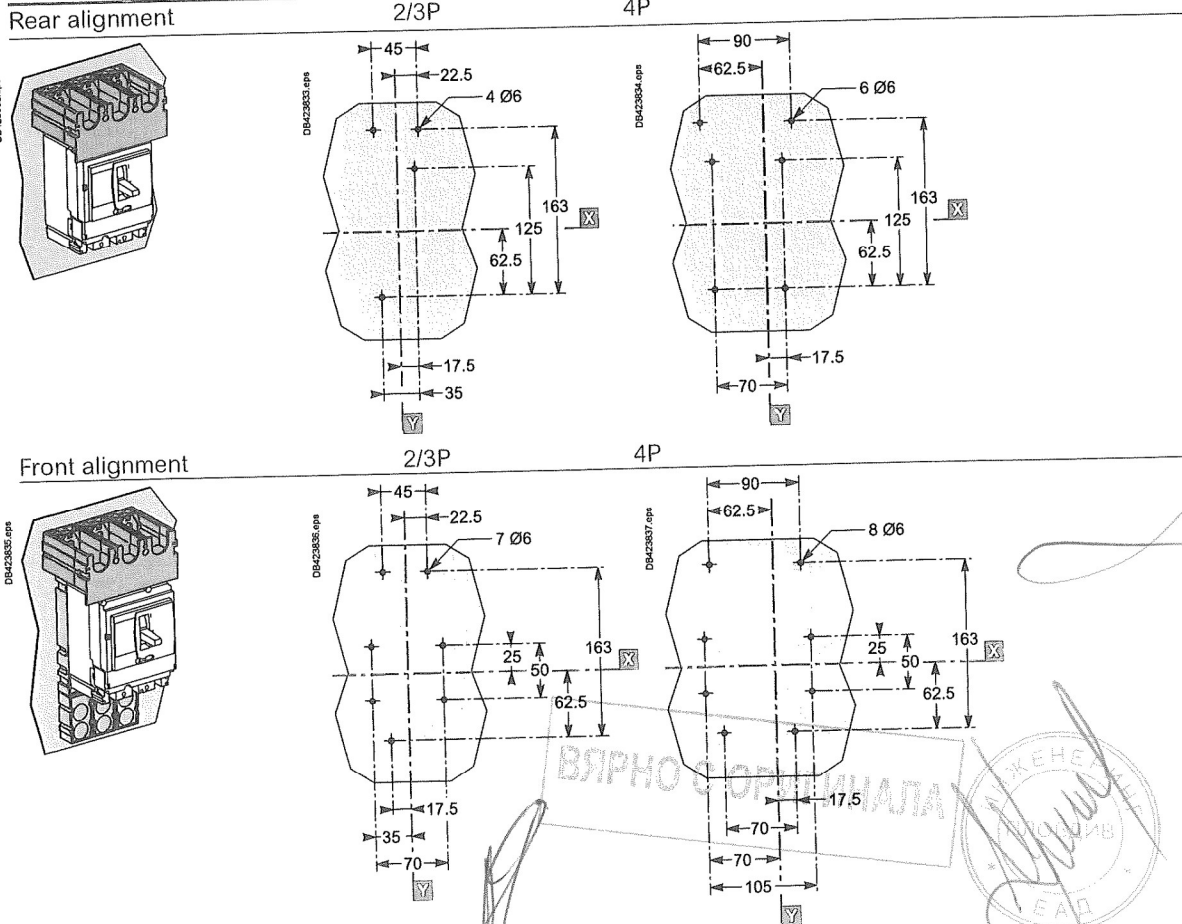
Compact NSX dimensions and mounting

One-piece spreader for Compact NSX100 to 250 fixed version

Dimensions



Mounting



ВЯРНО СОПОРМОНАЛА

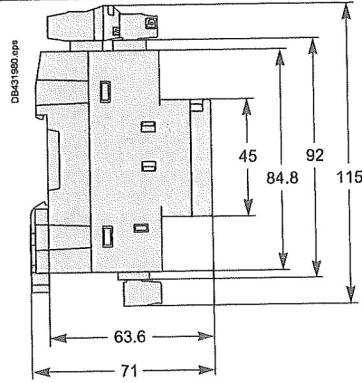
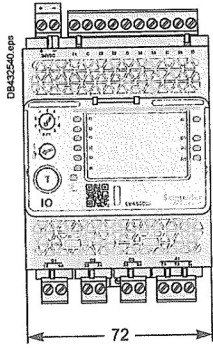
ИНЖЕНЕРСКА КОМПАНИЈА

СКОПЈЕ

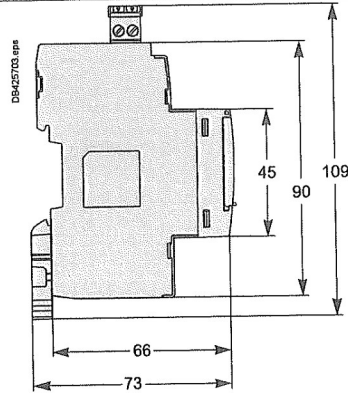
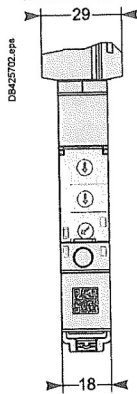
С.С.С.Р.

Switchboard integration Compact NSX dimensions and mounting External modules

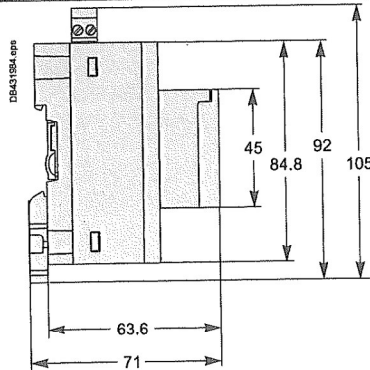
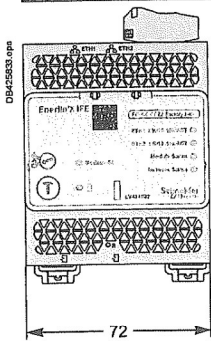
I/O (Input/Output) application module



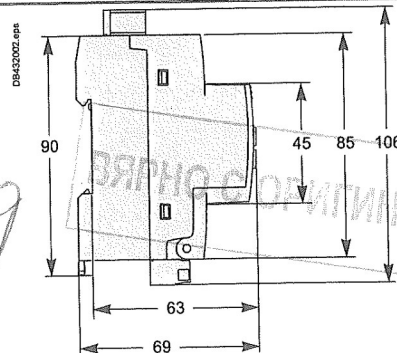
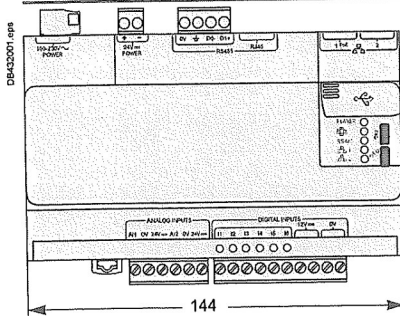
IFM - Modbus-SL interface



IFE - Ethernet interface



Com'X 500/510



894

Switchboard integration Compact NSX dimensions and mounting FDM121 switchboard display

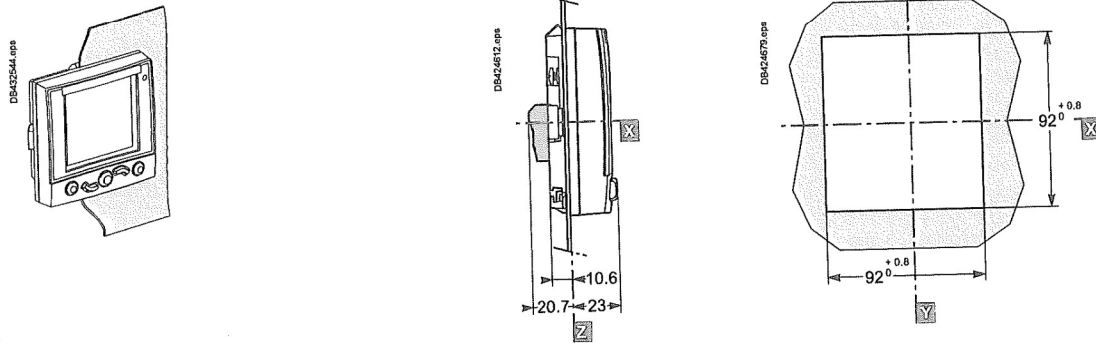
Handwritten mark

Dimensions

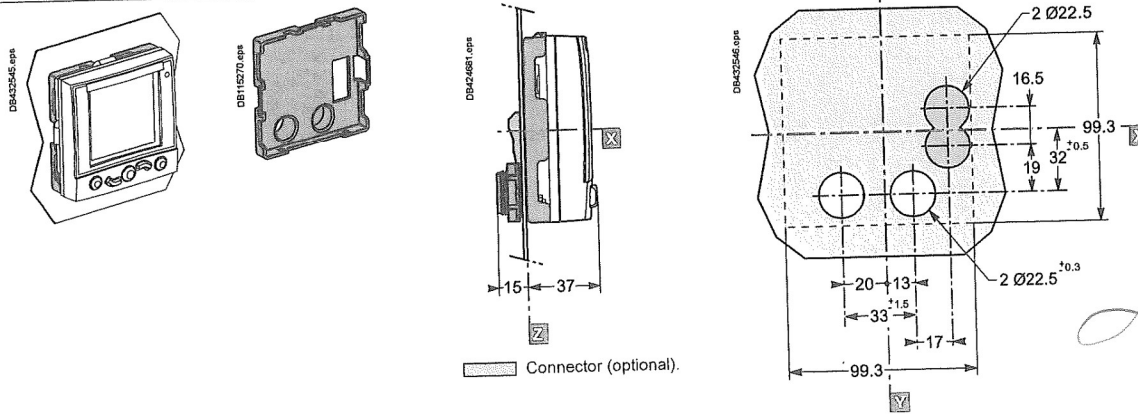


Mounting

Through panel



On panel



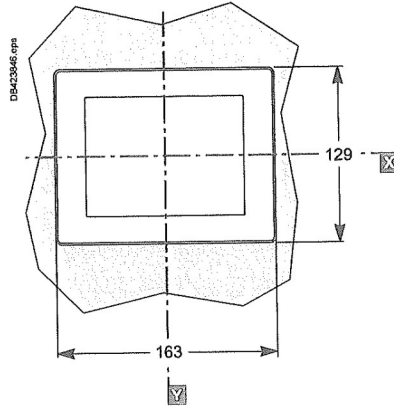
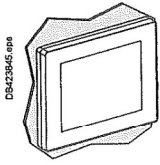
E

ВАРНО С ОРИГИНАЛА



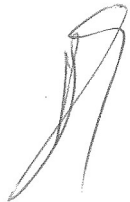
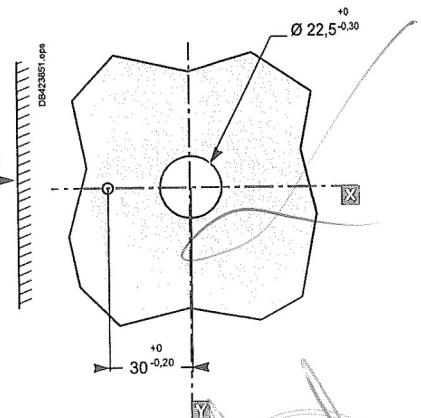
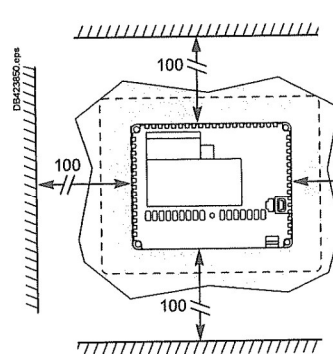
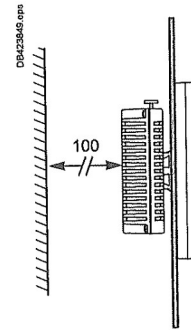
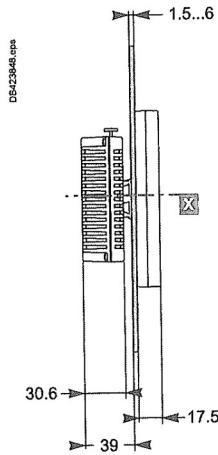
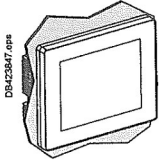
Switchboard integration Compact NSX dimensions and mounting FDM128 switchboard display

Dimensions



Mounting

On panel



899

Switchboard integration

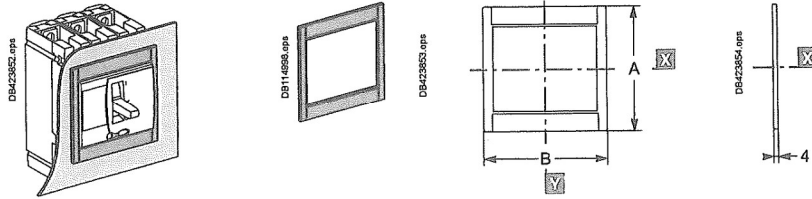
Compact NSX front-panel accessories

Compact NSX100 to 630

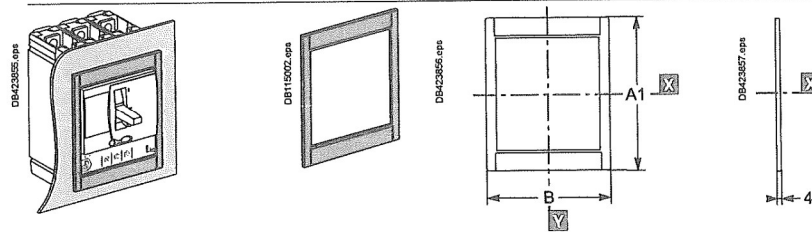
Handwritten mark

IP30 front-panel escutcheons

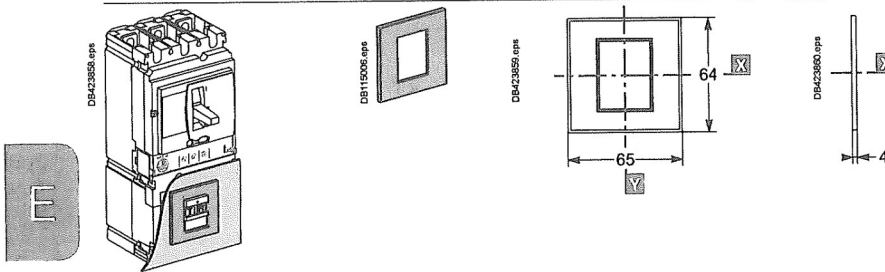
For toggle, rotary handle or motor mechanism module



For toggle or rotary handle with access to trip unit

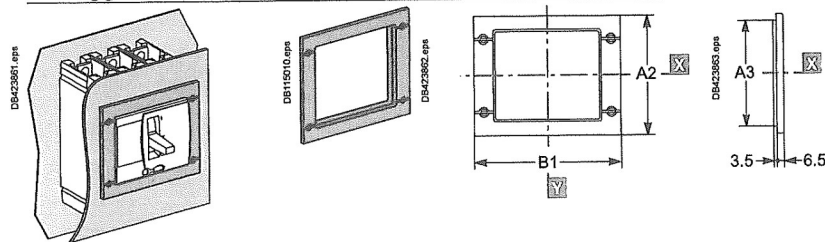


For Vigi add-on

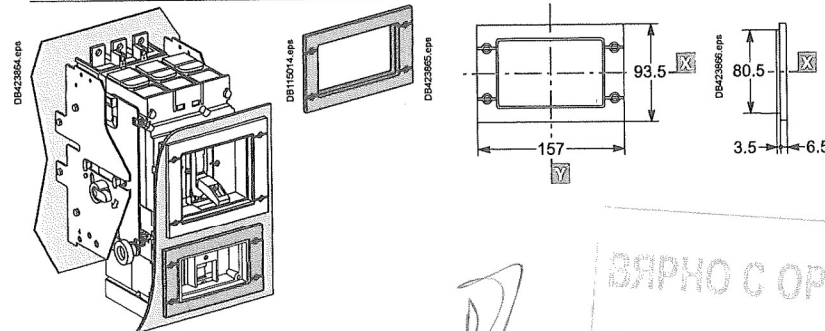


IP40 front-panel escutcheons

For toggle, rotary handle or motor mechanism module and protection collar



For Vigi add-on with protection collar or ammeter module



ВЯРНО С ОРИГИНАЛА

Handwritten signature

900

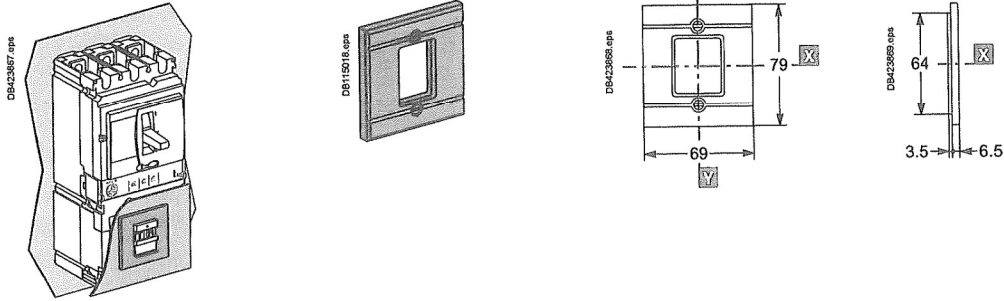
Switchboard integration

Compact NSX front-panel accessories

Compact NSX100 to 630

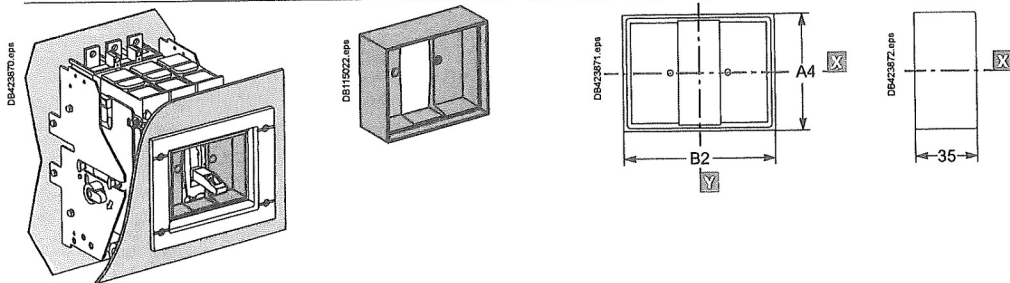
IP40 front-panel escutcheons (cont.)

For Vigi add-on

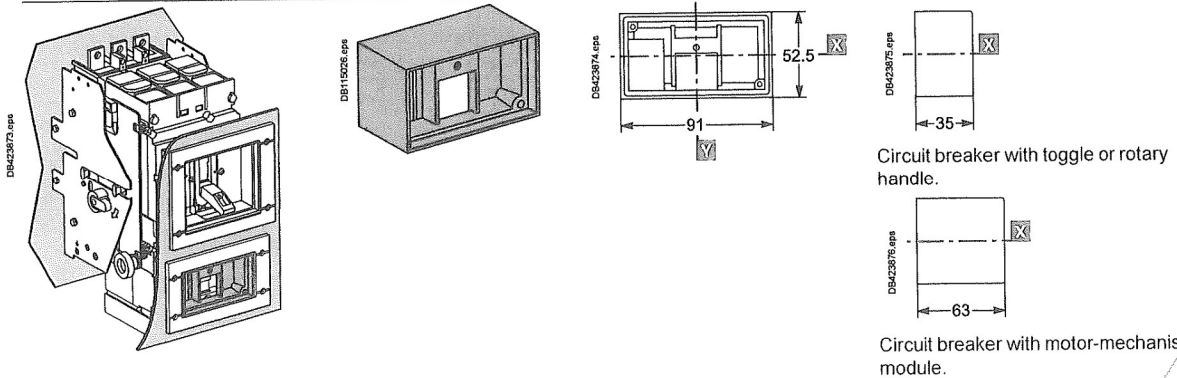


Protection collars for IP40 front-panel escutcheons

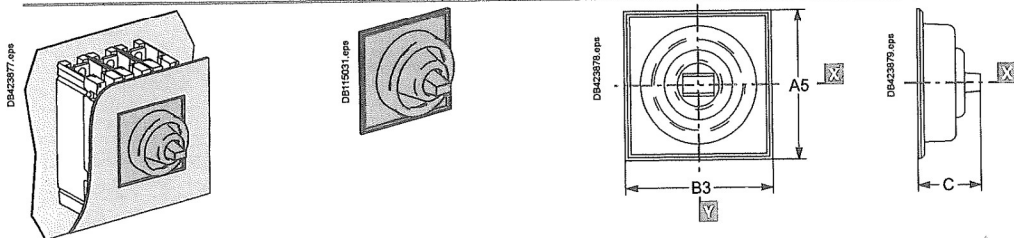
For toggle



For Vigi add-on



IP43 toggle cover



Type	A	A1	A2	A3	A4	A5	B	B1	B2	B3	C
NSX100/160/250	113	138	114	101	79	85	113	157	91	103	40
NSX400/630	163	211	164	151	122.5	138	163	189	122.5	138	60

ВЯРНО С ОРИГИНАЛА



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Switchboard integration

Compact NSX front-panel cutouts

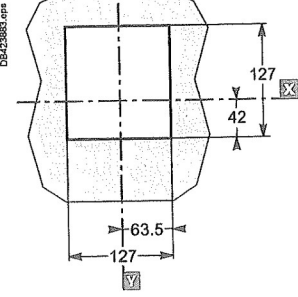
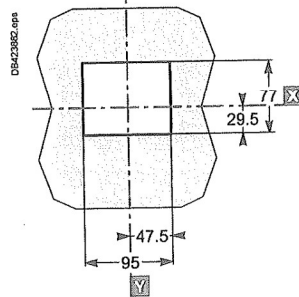
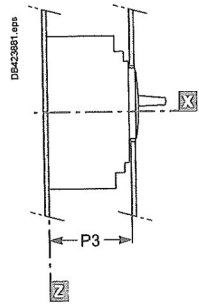
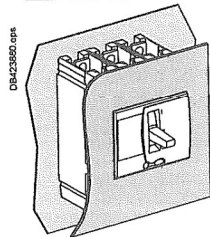
Compact NSX100 to 630 fixed version

Bare sheet metal

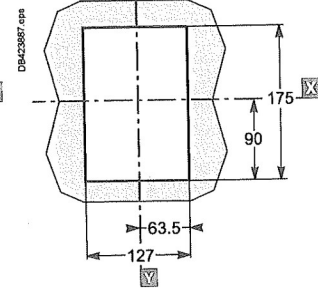
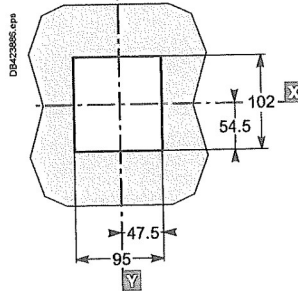
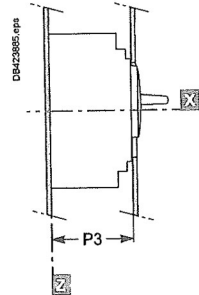
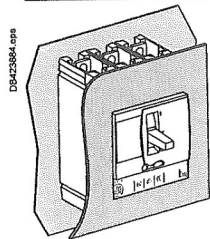
NSX100 to 250

NSX400/630

For toggle



For toggle with access to trip unit

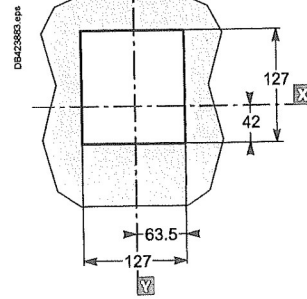
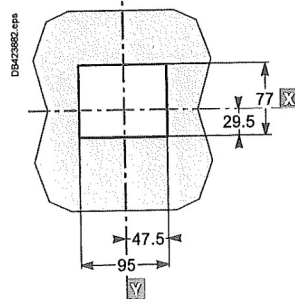
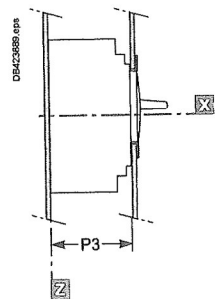
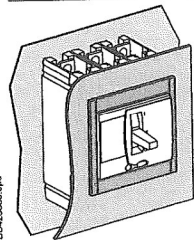


With IP30 front-panel escutcheon

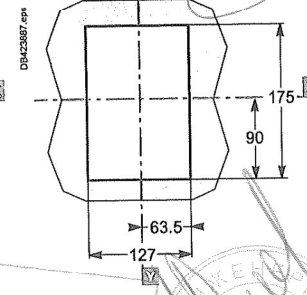
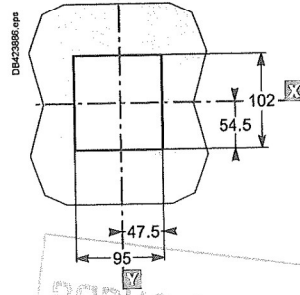
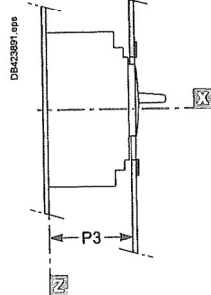
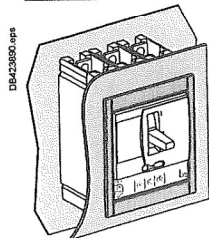
NSX100 to 250

NSX400/630

For toggle



For toggle with access to trip unit



Switchboard integration

Compact NSX front-panel cutouts

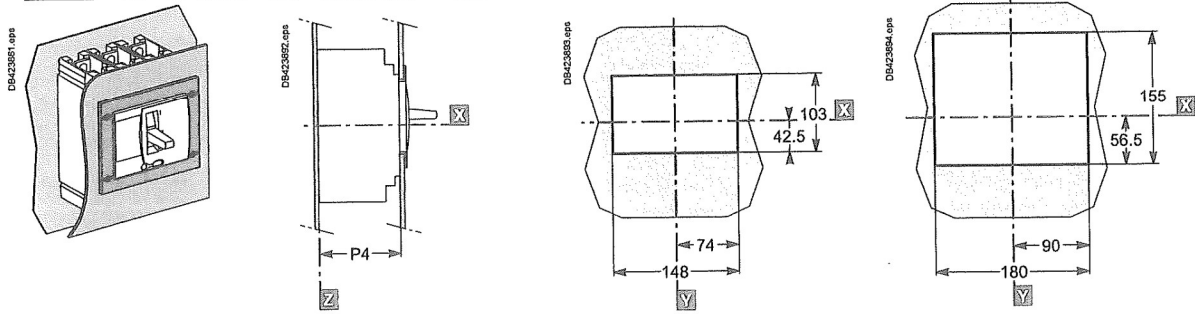
Compact NSX100 to 630 fixed version

With IP40 front-panel escutcheon

NSX100 to 250

NSX400/630

For toggle

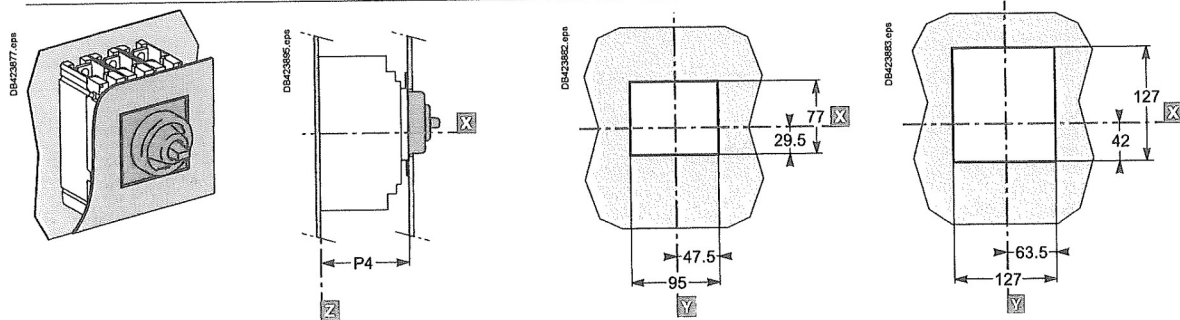


With IP43 toggle cover

NSX100 to 250

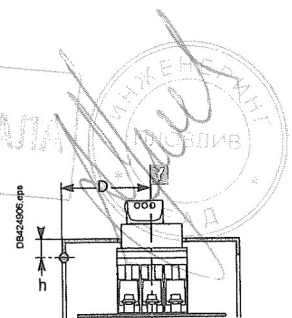
NSX400/630

For toggle



Type	P3	P4
NSX100/160/250	88	89
NSX400/630	112	113

Note: door cutout dimensions are given for a device position in the enclosure where D u 100 + (h x 5) with respect to the door hinge.



903

Switchboard integration

Compact NSX front-panel cutouts

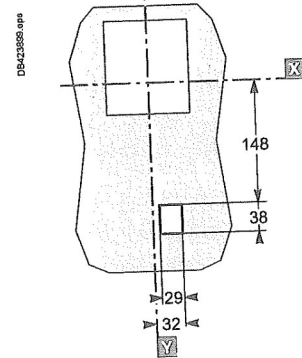
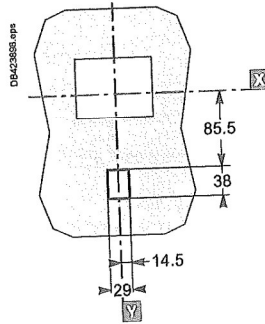
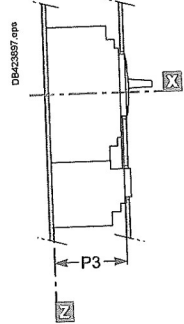
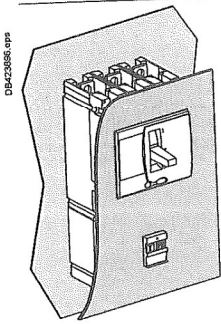
Compact NSX100 to 630 Vigi add-on fixed version

Bare sheet metal

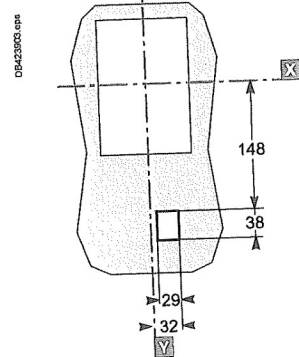
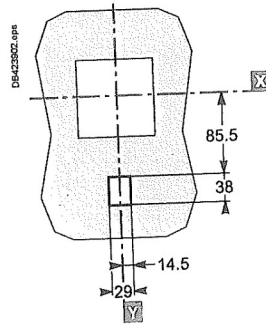
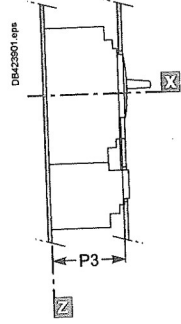
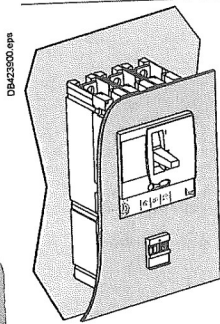
NSX100 to 250

NSX400/630

For toggle



For toggle with access to trip unit

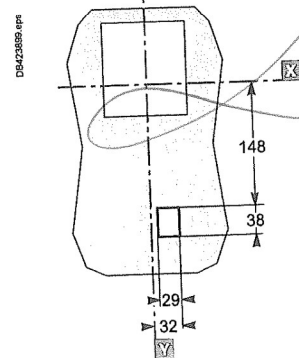
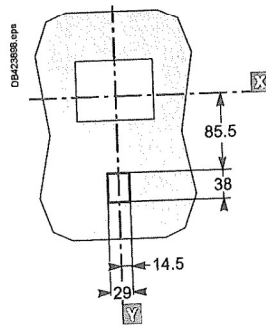
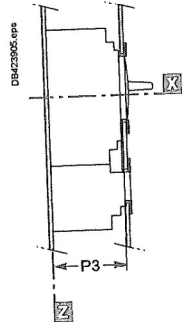
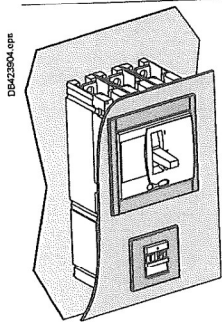


With IP30 front-panel escutcheon

NSX100 to 250

NSX400/630

For toggle



ВЯРНО С ОРИГИНАЛА

Switchboard integration

Compact NSX front-panel cutouts

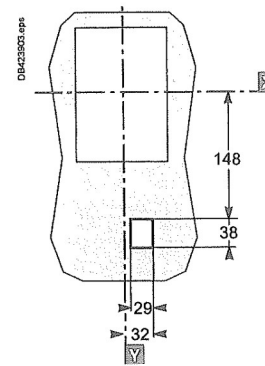
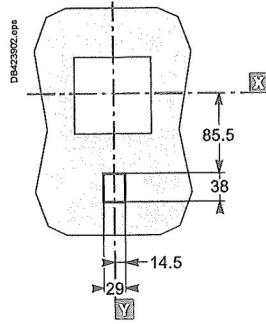
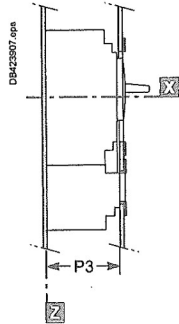
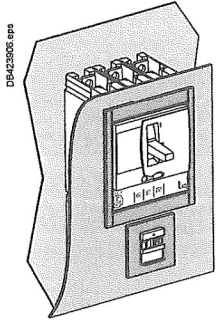
Compact NSX100 to 630 Vigi add-on fixed version

With IP30 front-panel escutcheon

NSX100 to 250

NSX400/630

For toggle with access to trip unit

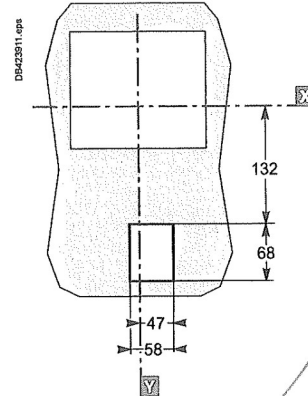
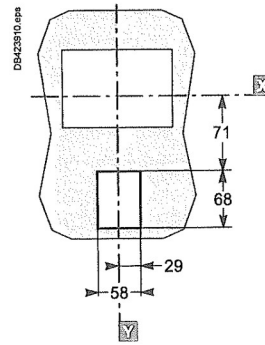
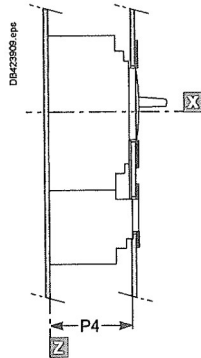
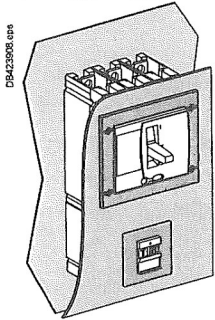


With IP40 front-panel escutcheon

NSX100 to 250

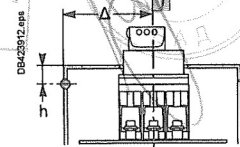
NSX400/630

For toggle



Type	P3	P4
NSX100/160/250	88	89
NSX400/630	112	113

Note: door cutout dimensions are given for a device position in the enclosure where $\Delta \geq 100 + (h \times 5)$ with respect to the door hinge.



ВЯРНО С ОРИГИНАЛА

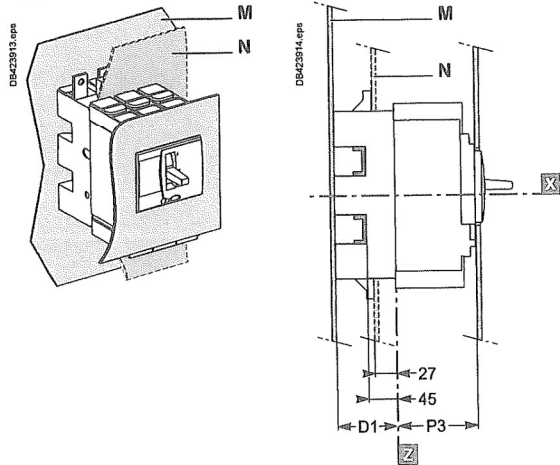


Switchboard integration

Compact NSX front-panel cutouts

Compact NSX100 to 630 plug-in and withdrawable versions

Plug-in version



Bare sheet metal

See Compact NSX100 to 630 fixed version, page E-56

With IP30 front-panel escutcheon

See Compact NSX100 to 630 fixed version, page E-56

With IP40 front-panel escutcheon

See Compact NSX100 to 630 fixed version, page E-57

With toggle cover

See Compact NSX100 to 630 fixed version, page E-57

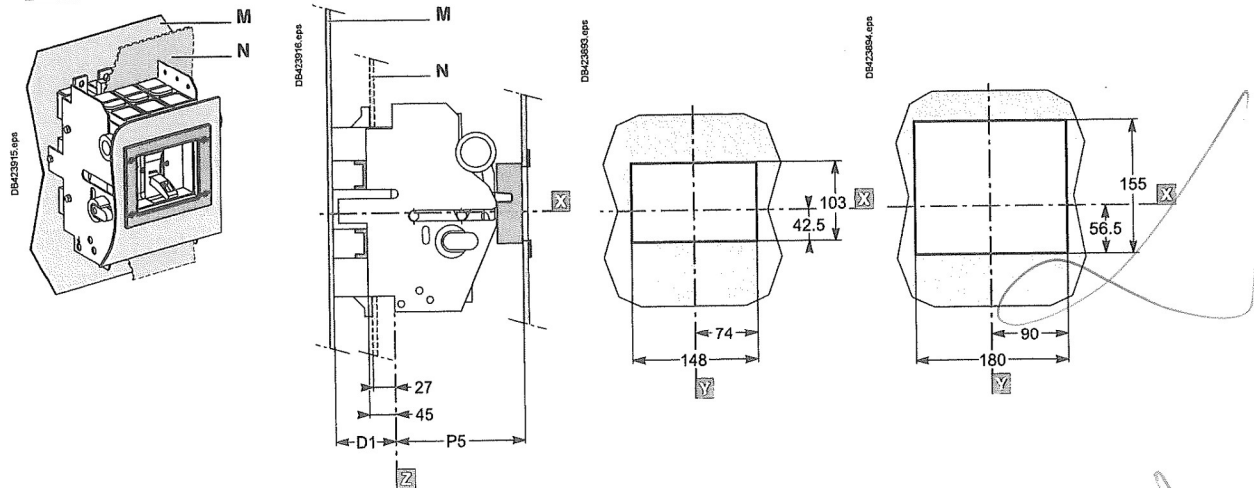
E

Withdrawable version

NSX100 to 250

NSX400/630

With protection collar and IP40 front-panel escutcheon



ВЯРНО С ОРИГИНАЛА

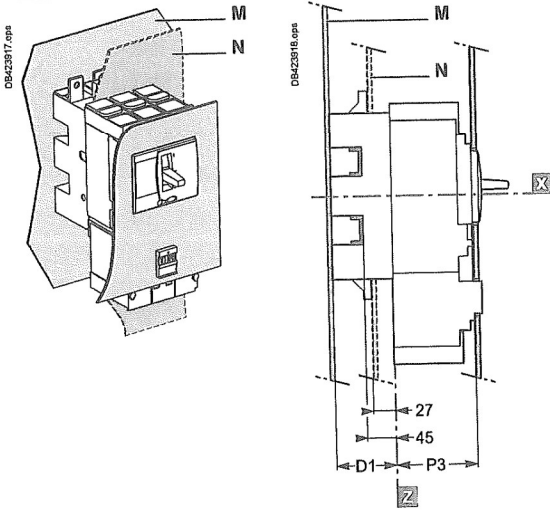
КОНСТРУКЦИОННО-ТЕХНИЧЕСКИЙ ОТДЕЛ

БД

Switchboard integration Compact NSX front-panel cutouts

Compact NSX100 to 630 Vigi add-on plug-in and withdrawable versions

Plug-in version



Bare sheet metal

See Compact NSX100 to 630 fixed version, page E-58

With IP30 front-panel escutcheon

See Compact NSX100 to 630 fixed version, page E-58

With IP40 front-panel escutcheon

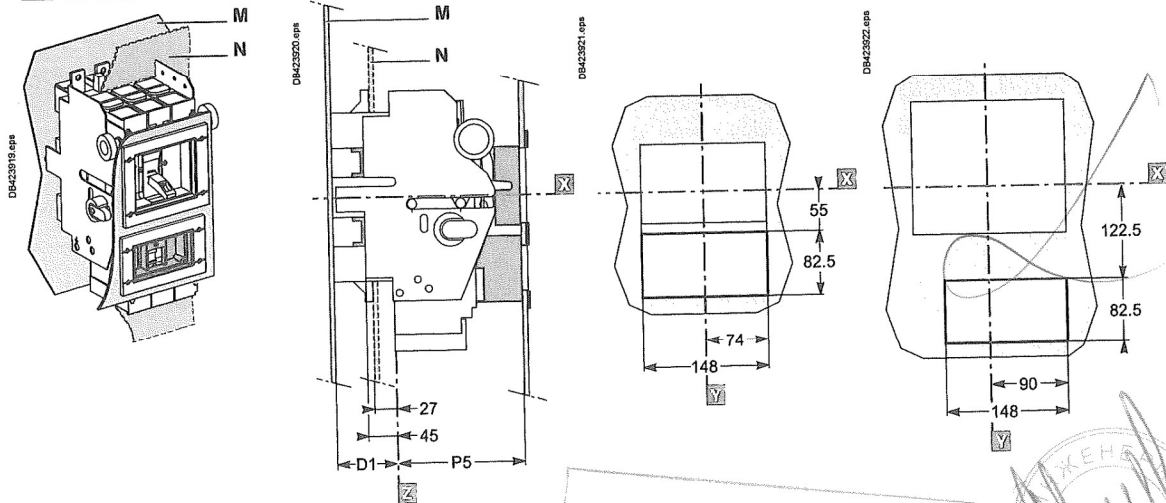
See Compact NSX100 to 630 fixed version, page E-59

Withdrawable version

NSX100 to 250

NSX400/630

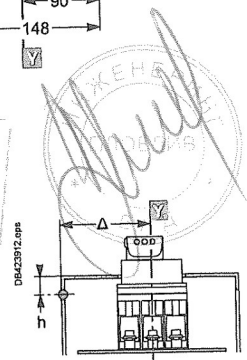
With protection collar and IP40 front-panel escutcheon



ВЯРНО С ОРИГИНАЛА

Type	D1	P3	P5
NSX100/160/250	75	88	123
NSX400/630	100	112	147

Note: door cutout dimensions are given for a device position in the enclosure where $\Delta \geq 100 + (h \times 5)$ with respect to the door hinge.



907

Switchboard integration

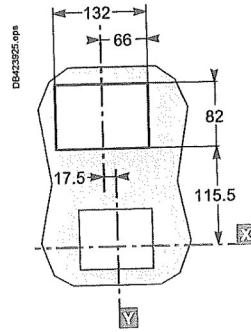
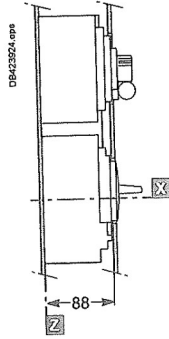
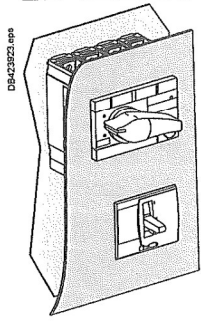
Compact NSX front-panel cutouts

Visu function for Compact NSX100 to 630 fixed version

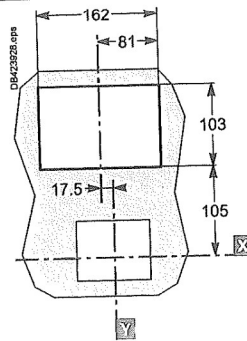
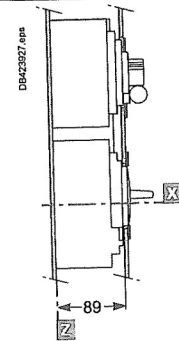
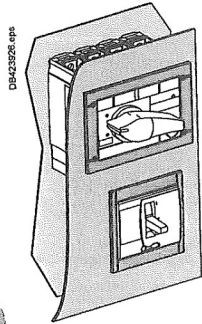
M

Compact NSX100 to 250 with Compact INV100 to 250 Visu function

Bare sheet metal



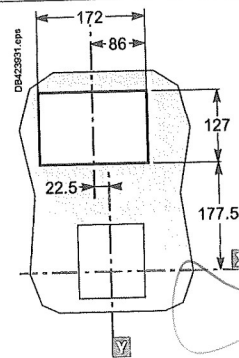
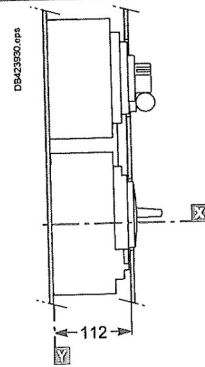
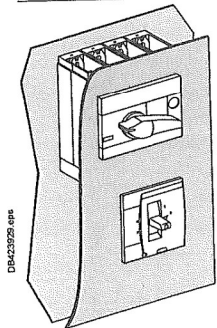
With IP40 front-panel escutcheon



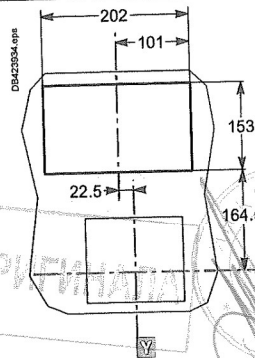
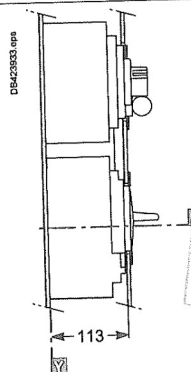
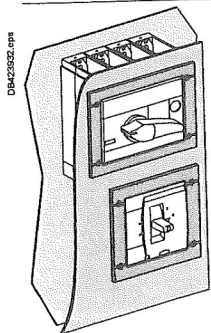
E

Compact NSX400/630 with Compact INV400 to 630 Visu function

Bare sheet metal



With IP40 front-panel escutcheon



ВРНО С ОПИВАНАТА

СЕРВИС

[Handwritten signature]

Switchboard integration

Compact NSX front-panel cutouts

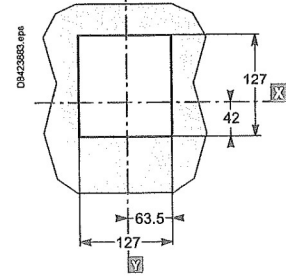
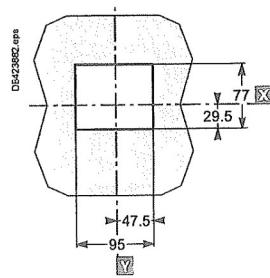
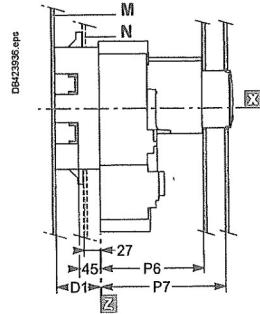
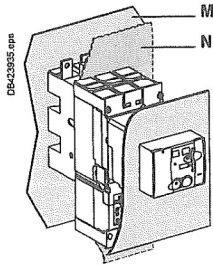
Motor mechanism module for Compact NSX100 to 630 with/without Vigi add-on

Bare sheet metal

NSX100 to 250

NSX400/630

Fixed, plug-in or withdrawable circuit breaker

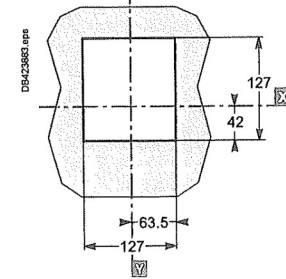
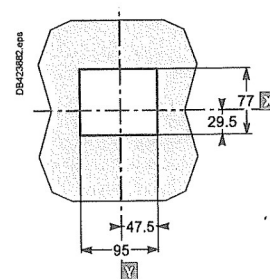
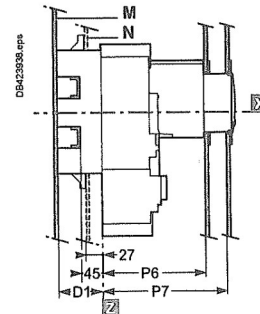
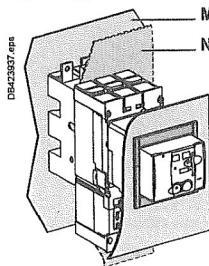


With IP30 front-panel escutcheon

NSX100 to 250

NSX400/630

Fixed, plug-in or withdrawable circuit breaker

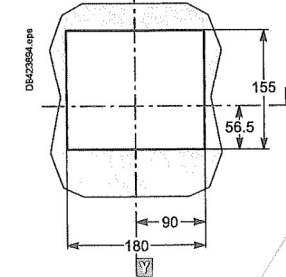
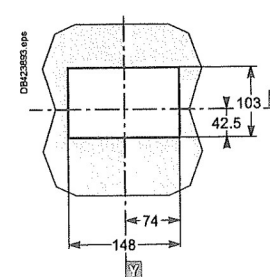
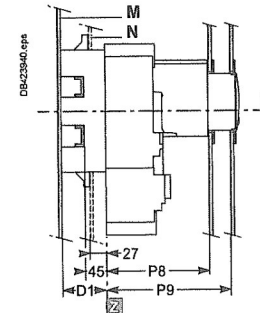
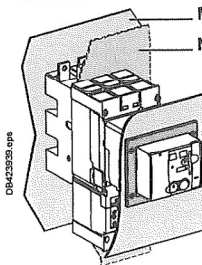


With IP40 front-panel escutcheon

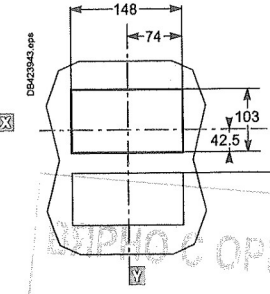
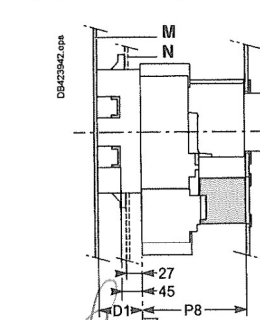
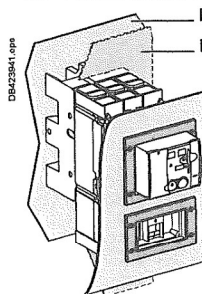
NSX100 to 250

NSX400/630

Fixed, plug-in or withdrawable circuit breaker without access to Vigi add-on



Fixed or plug-in circuit breaker with access to Vigi add-on

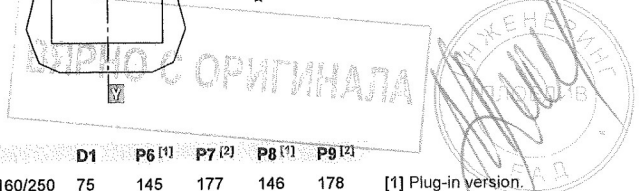


Type	D1	P6 [1]	P7 [2]	P8 [1]	P9 [2]
NSX100/160/250	75	145	177	146	178

[1] Plug-in version.

[2] Withdrawable version.

909



Switchboard integration

Compact NSX front-panel cutouts

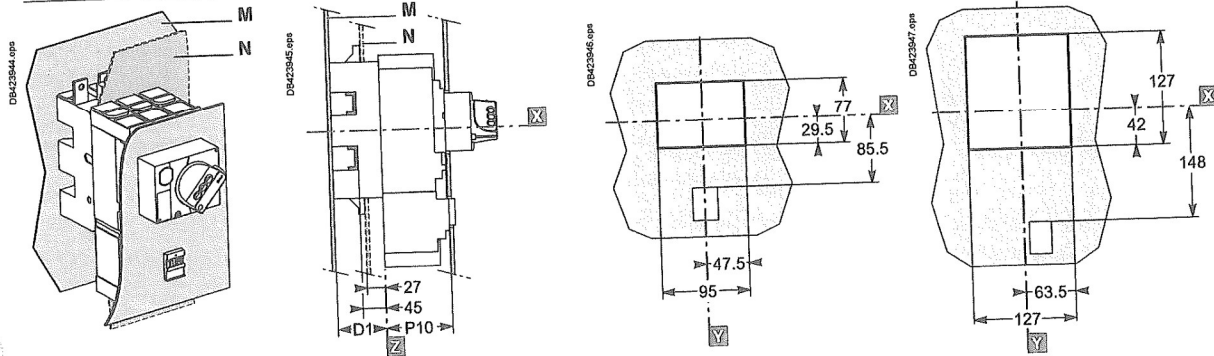
Direct rotary handle for Compact NSX100 to 630 with/without Vigi add-on

Fixed or plug-in circuit breakers

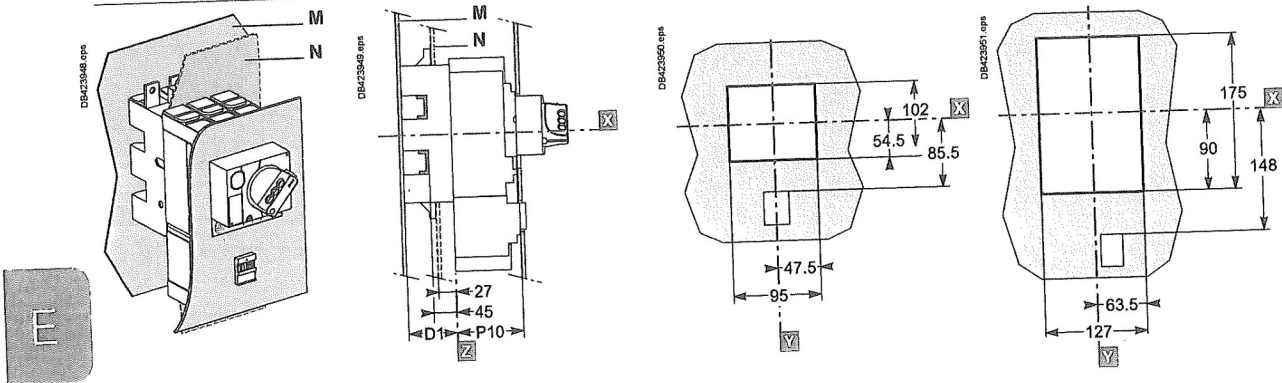
NSX100 to 250

NSX400/630

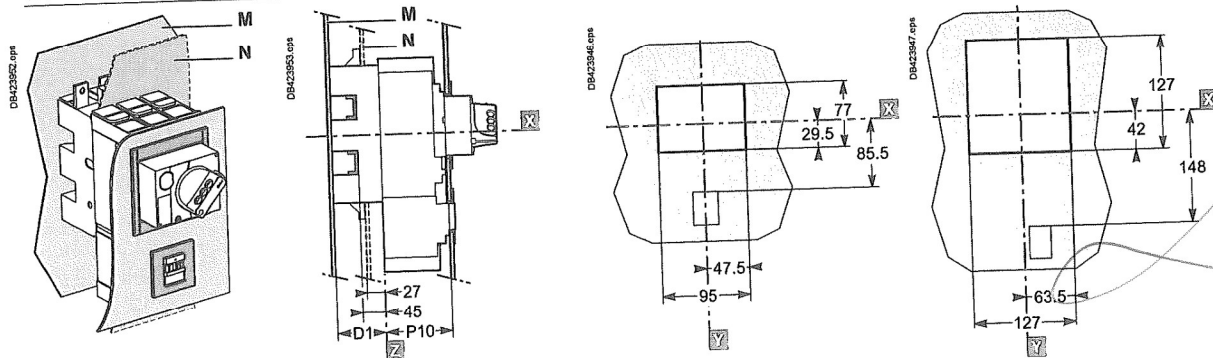
Bare sheet metal



Bare sheet metal with access to the trip unit



With IP30 front-panel escutcheon



ВЯРНО С ОРИГИНАЛА



Switchboard integration Compact NSX front-panel cutouts

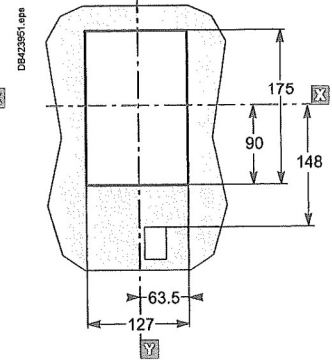
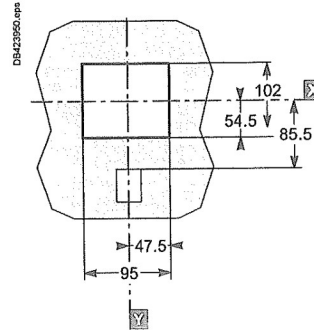
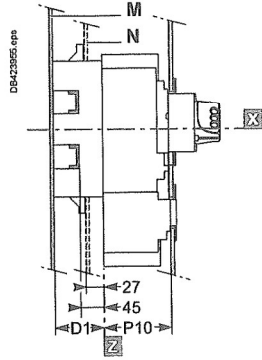
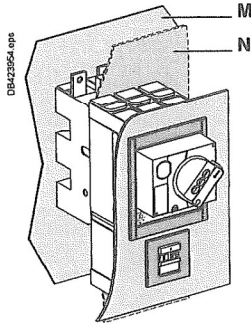
Direct rotary handle for Compact NSX100 to 630 with/without Vigi add-on

Fixed or plug-in circuit breakers

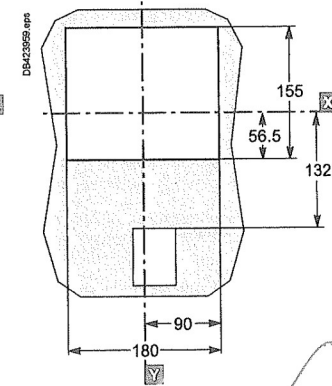
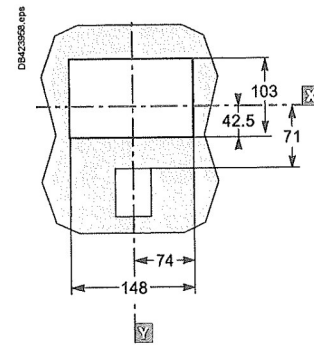
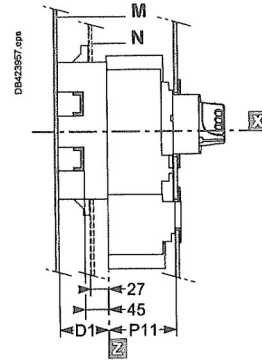
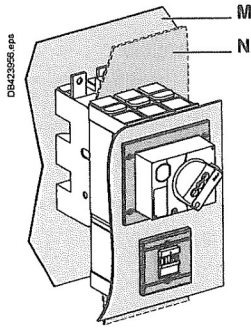
NSX100 to 250

NSX400/630

With IP30 front-panel escutcheon with access to the trip unit



With IP40 front-panel escutcheon

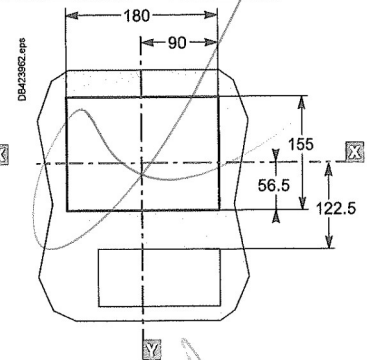
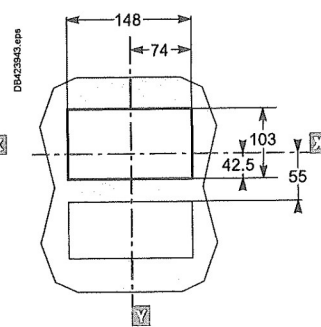
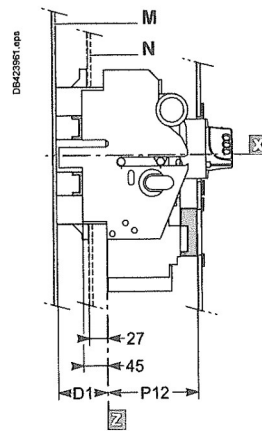
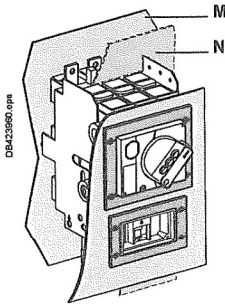


Fixed or withdrawable circuit breakers

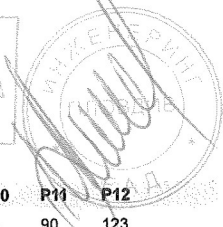
NSX100 to 250

NSX400/630

With IP40 front-panel escutcheon



ВЯРНО С ОРИГИНАЛА



Type	D1	P10	P11	P12
NSX100/160/250	75	89	90	123
NSX400/630	100	112	113	147

911

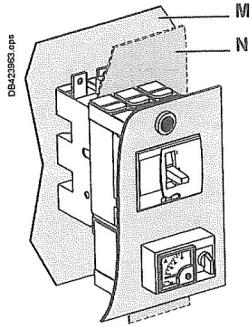
Switchboard integration

Compact NSX front-panel cutouts

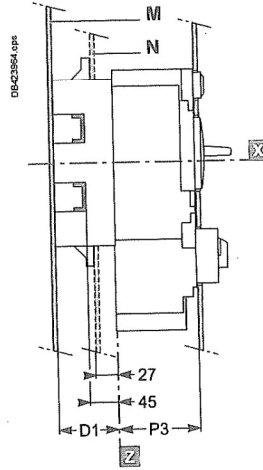
Indication and measurement modules for Compact NSX100 to 630

Fixed or plug-in circuit breakers with ammeter module and voltage-presence indicator

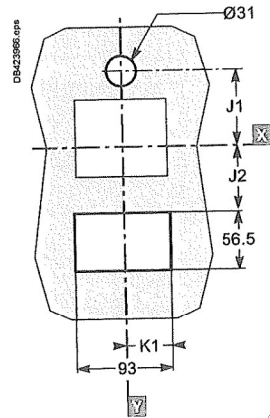
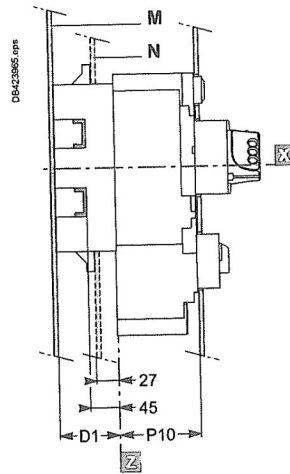
Bare sheet metal



With toggle



Rotary handle



ВЯРНО С ОРИГИНАЛА



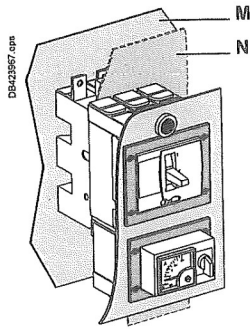
Type	D1	J1	J2	J3	K1	K2	P3	P4	P10	P11
NSX100/160/250	75	78.5	67.5	55	46.5	74	88	89	89	90
NSX400/630	100	122	129	122.5	64.5	90	112	113	112	113

Switchboard integration Compact NSX front-panel cutouts

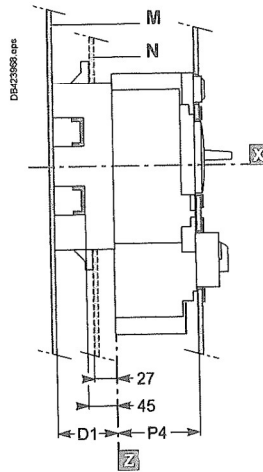
Indication and measurement modules for Compact NSX100 to 630

Fixed or plug-in circuit breakers with ammeter module and voltage-presence indicator

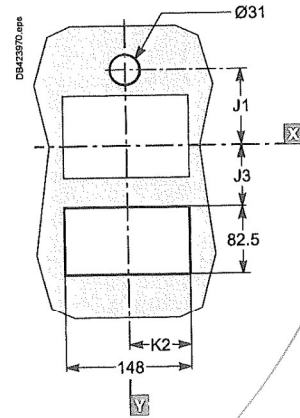
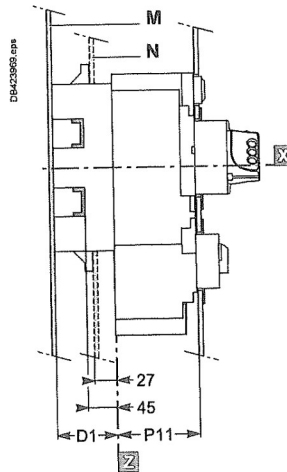
With IP40 front-panel escutcheon



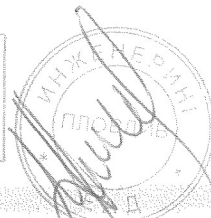
With toggle



Rotary handle



ВЯРНО С ОРИГИНАЛА

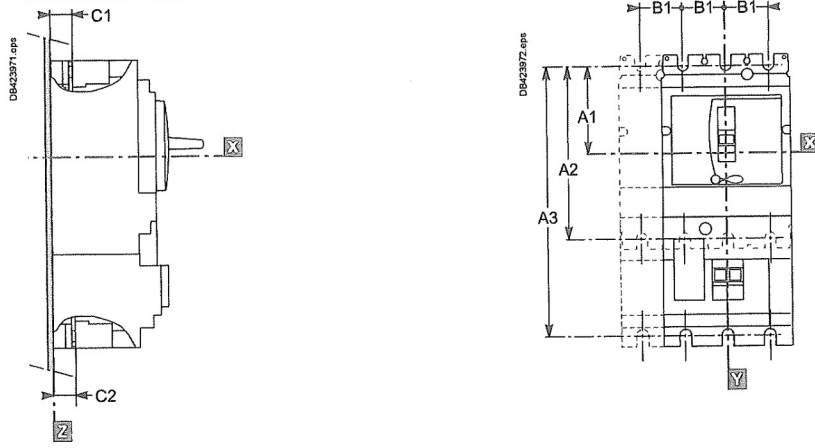


Type	D1	J1	J2	J3	K1	K2	P3	P4	P10	P11
NSX100/160/250	75	78.5	67.5	55	46.5	74	88	89	89	90
NSX400/630	100	122	129	122.5	64.5	90	112	113	112	113

Compact NSX power connections

Compact NSX100 to 630 with/without Vigi add-on fixed version

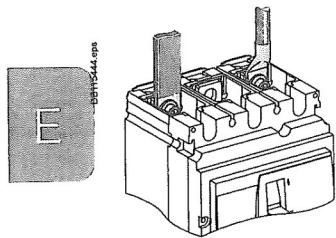
Connection locations



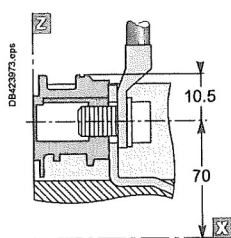
Type	A1	A2	B1	C1	C2
NSX100/160	70	140	35	19.5	19.5
NSX250	70	140	35	21.5	19.5
NSX400/630	113.5	227	45	26	26

Type	A1	A3	B1	C1	C2
NSX100/160 + Vigi	70	215	35	19.5	21.5
NSX250 + Vigi	70	215	35	21.5	21.5
NSX400/630 + Vigi	113.5	327	45	26	26

Front connection without accessories

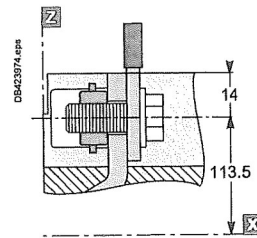


NSX100 to 250



Cables with lugs/bars

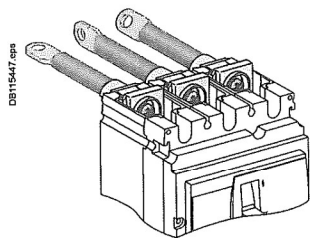
NSX400/630



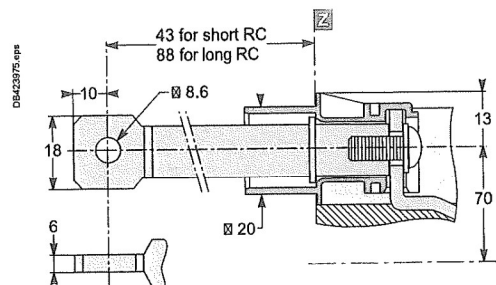
Bars/cables with lugs

Connection with accessories

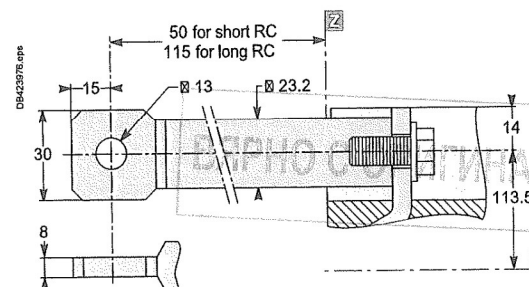
Long and short rear connectors



NSX100 to 250



NSX400/630



914

Compact NSX power connections

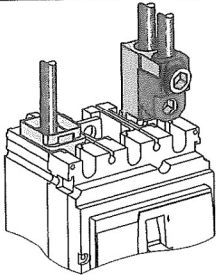
Compact NSX100 to 630 with/without Vigi add-on fixed version

Connection with accessories

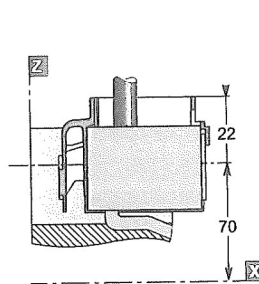
Bare-cable connectors

NSX100 to 250

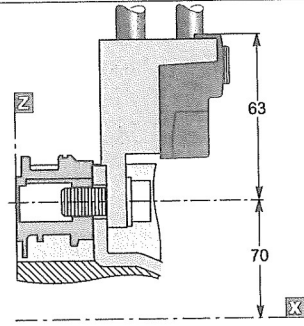
DB115450.eps



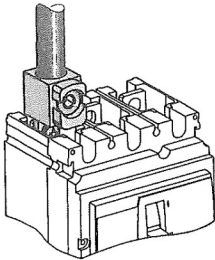
DB423877.eps



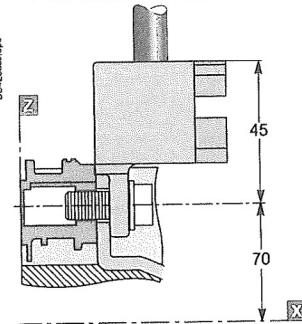
DB423878.eps



DB423834.eps

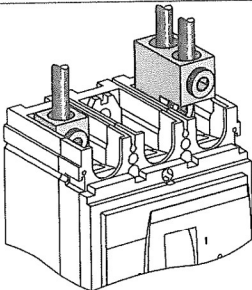


DB423835.eps

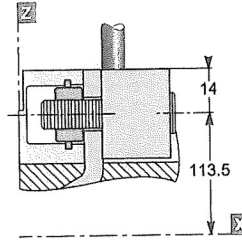


NSX400/630

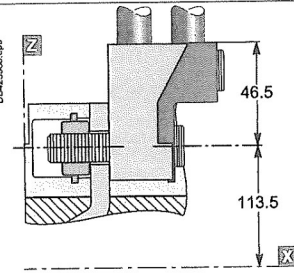
DB115453.eps



DB423879.eps

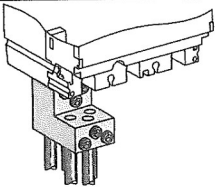


DB423900.eps

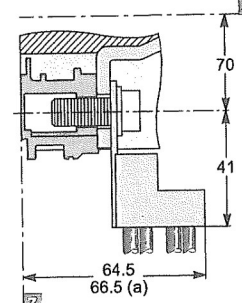


Distribution connectors (for NSX100 to 250 only)

DB115455.eps



DB423881.eps

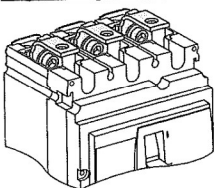


[a] Vigi add-on or NSX250.

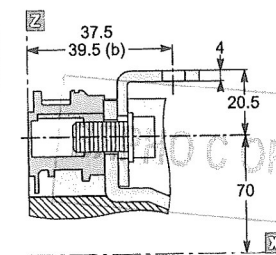
Right-angle terminal extensions (upstream only) NSX100 to 250

NSX400/630

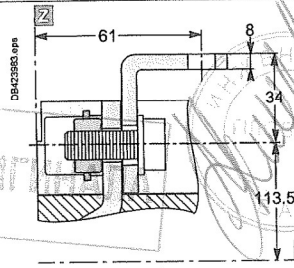
DB115456.eps



DB423882.eps



DB423950.eps



[b] NSX250.

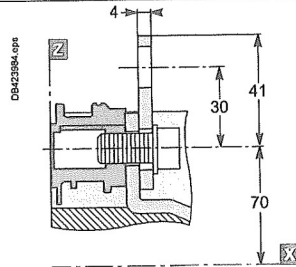
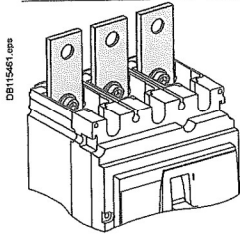
915

Compact NSX power connections

Compact NSX100 to 630 with/without Vigi add-on fixed version

Connection with accessories

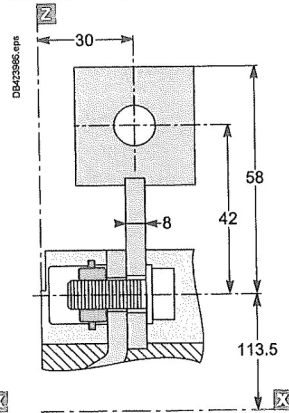
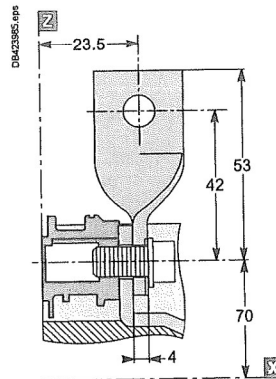
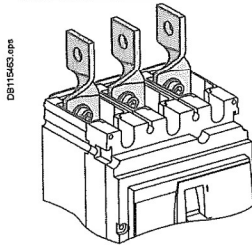
Straight terminal extensions (for NSX100 to 250 only)



Edgewise terminal extensions

NSX100 to 250

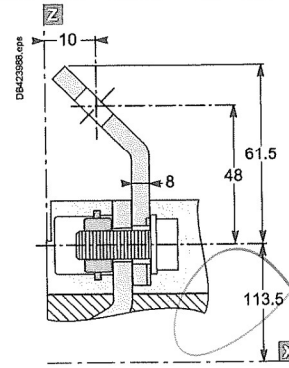
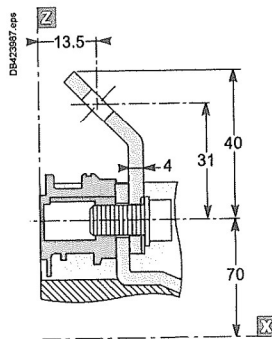
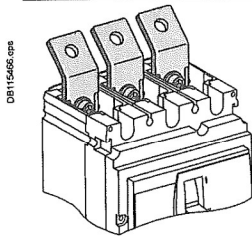
NSX400/630



45° terminal extensions

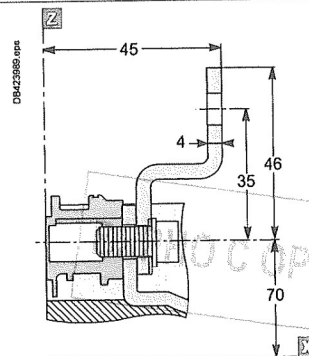
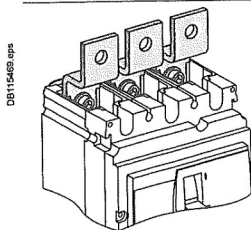
NSX100 to 250

NSX400/630

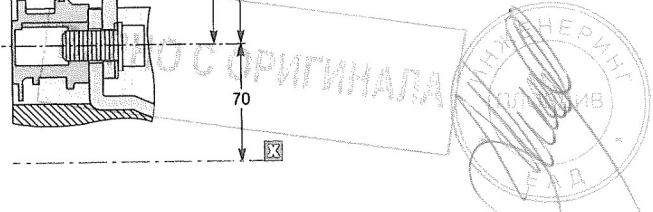


Double-L terminal extensions

NSX100 to 250



E



Switchboard integration

Compact NSX power connections

Compact NSX100 to 630 with/without Vigi add-on fixed version

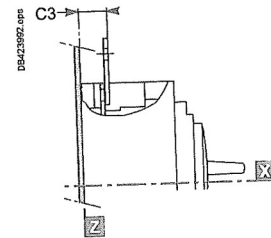
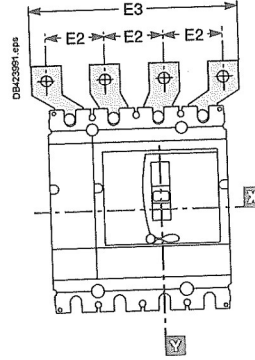
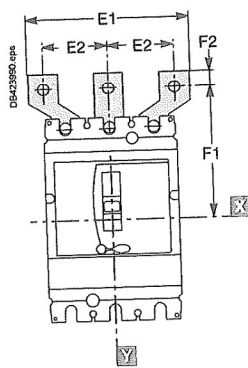
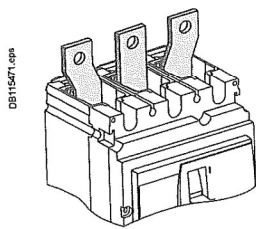
Connection with accessories

Spreaders

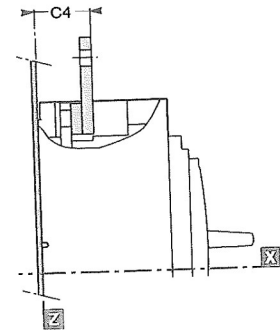
3P

4P

NSX100 to 250

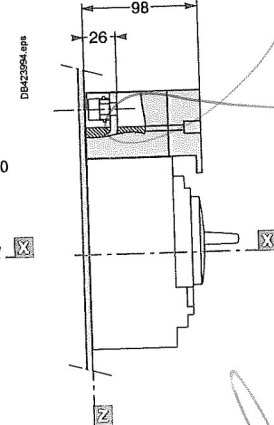
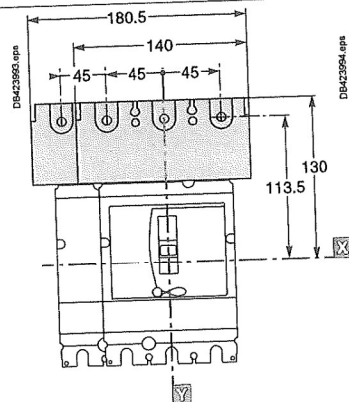
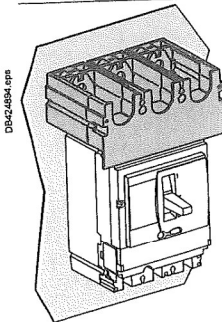


NSX400/630



Type	C3	C4	E1	E2	E3	F1	F2
NSX100/160	23.5	-	114	45	159	100	11
NSX250	25.5	-	114	45	159	100	11
NSX400/630	-	44	135	52.5	187.5	152.5	15
			170	70	240	166	15

One-piece spreader (for NSX100 to 250 only)



E

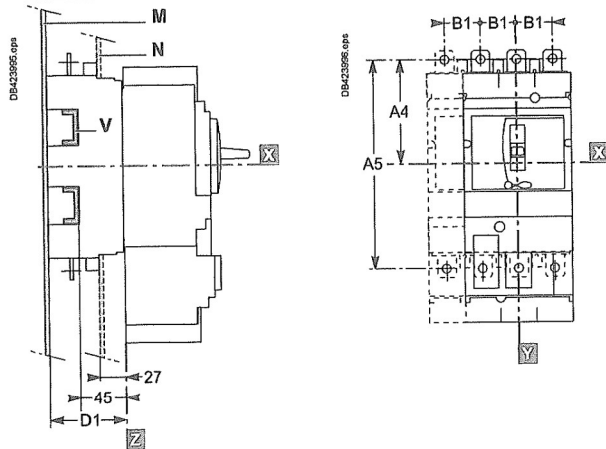
ВЯРНО С ОРИГИНАЛА

Switchboard integration

Compact NSX power connections

Compact NSX100 to 630 with/without Vigi add-on plug-in and withdrawable versions

Connection locations



Type	A4	A5	B1	D1
NSX100 to 250	100	200	35	75
NSX400/630	156.5	313	45	100

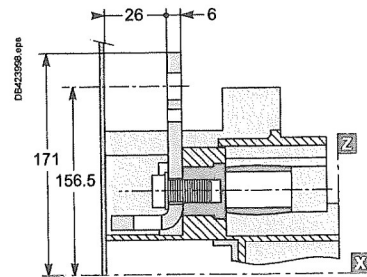
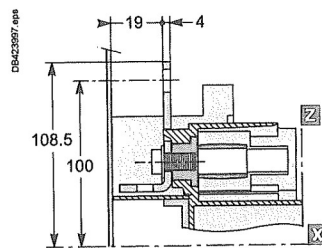
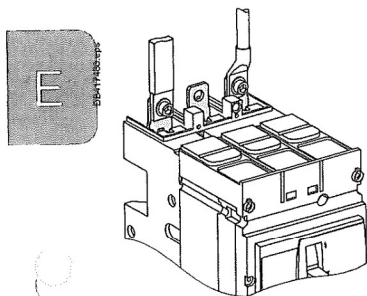
Note :
 ■ for mounting on a backplate, the insulating screen supplied with the plug-in base must be installed.
 ■ for withdrawable versions, terminal shields are recommended.

Connection without accessories

Front connection: mounting on backplate (M) or rails (V)

NSX100 to 250

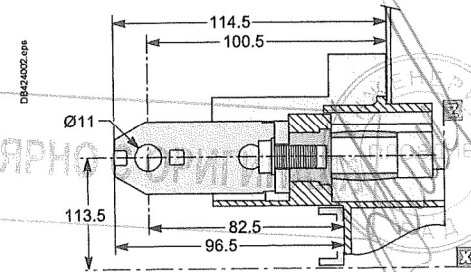
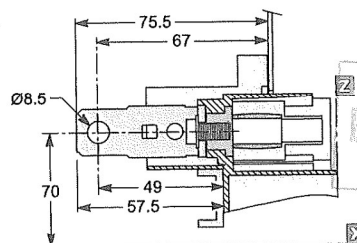
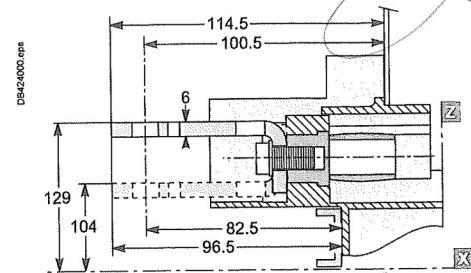
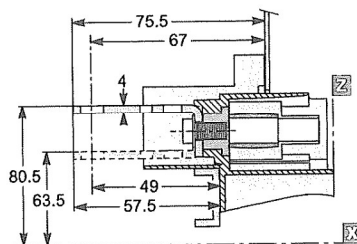
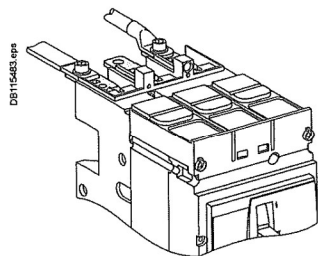
NSX400/630



Rear connection: mounting through front panel (N) or on rails (V)

NSX100 to 250

NSX400/630



018

Switchboard integration

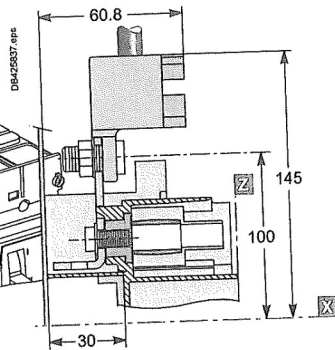
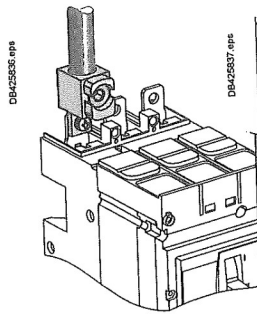
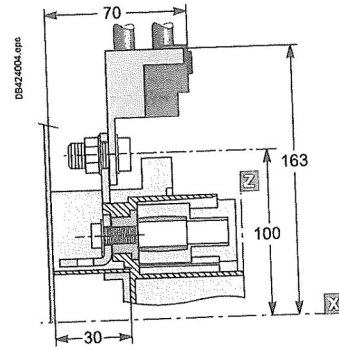
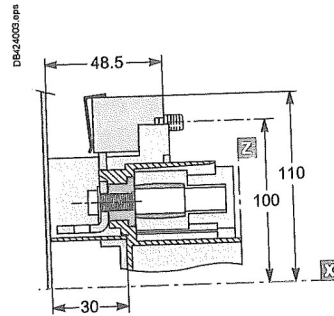
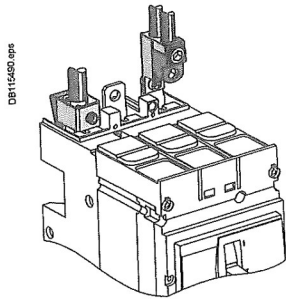
Compact NSX power connections

Compact NSX100 to 630 with/without Vigi add-on plug-in and withdrawable versions

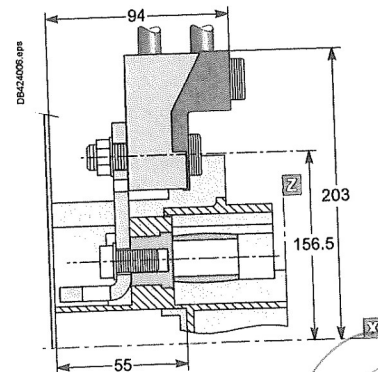
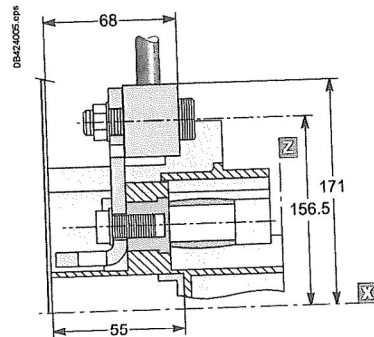
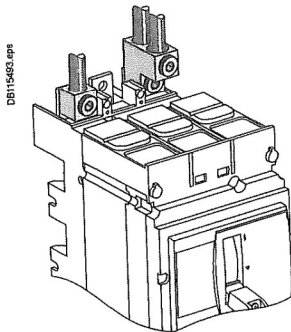
Connection with accessories

Bare-cable connectors: mounting on backplate (M) or rails (V)

NSX100 to 250

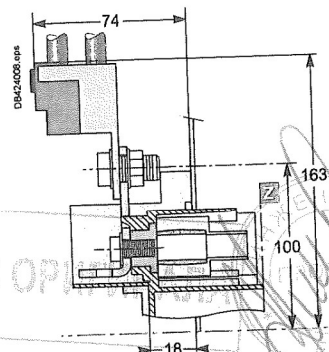
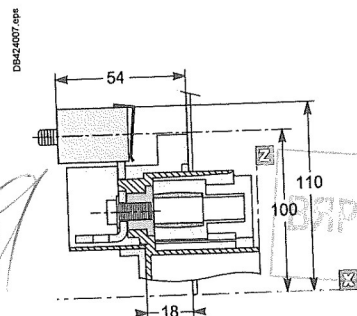
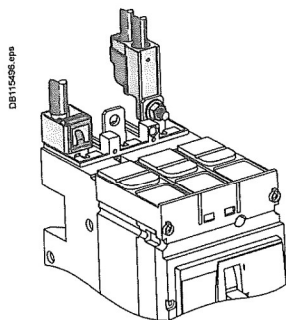


NSX400/630



Bare-cable connectors: mounting through front panel (N) or on rails (V)

NSX100 to 250



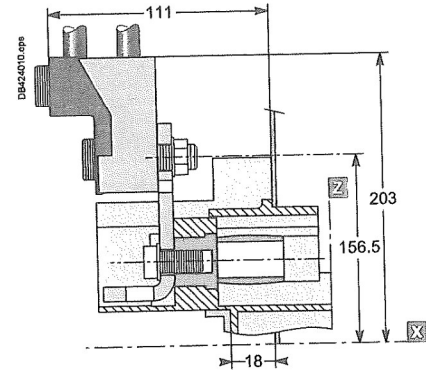
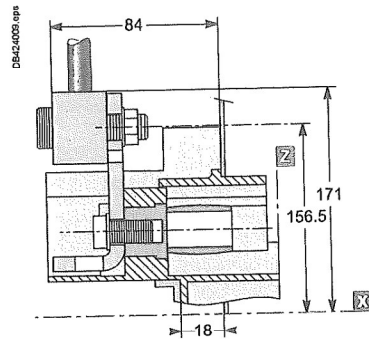
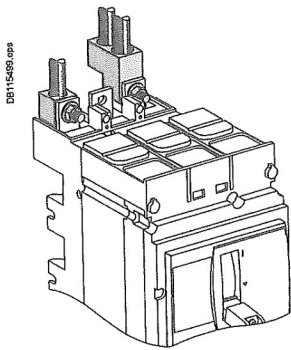
Switchboard integration

Compact NSX power connections

Compact NSX100 to 630 with/without Vigi add-on plug-in and withdrawable versions

Bare-cable connectors: mounting through front panel (N) or on rails (V)

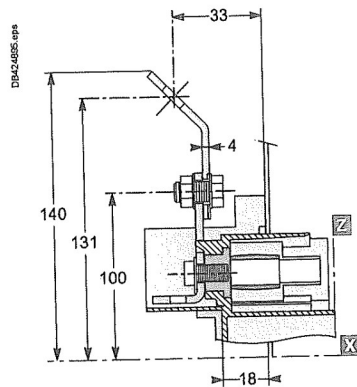
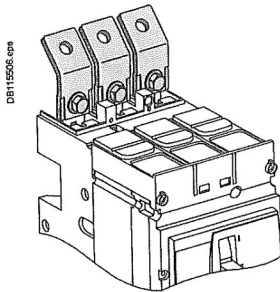
NSX400/630



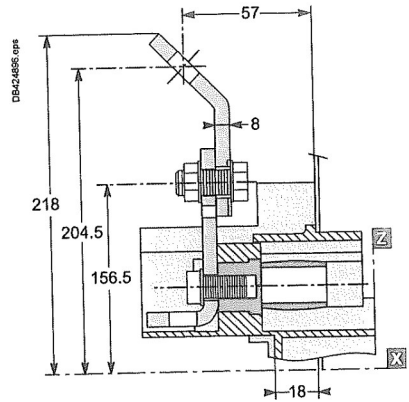
Connection with accessories

45° extensions: mounting through front panel (N) or on rails (V)

NSX100 to 250

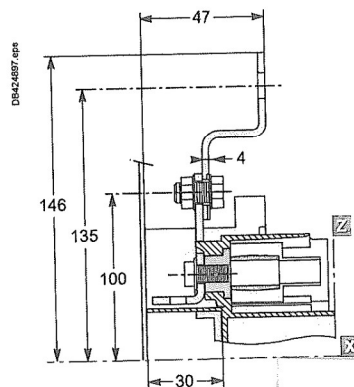
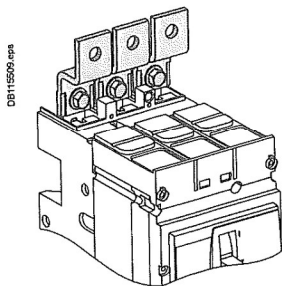


NSX400/630



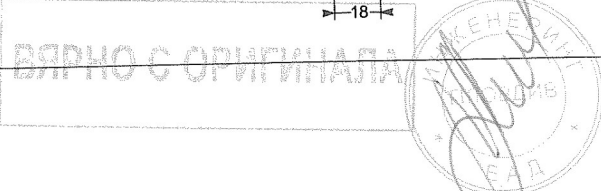
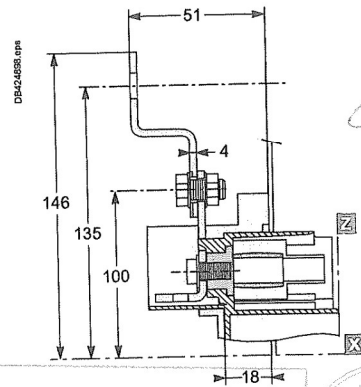
Double-L extensions: mounting on backplate (M) or rails (V)

NSX100 to 250



Double-L extensions: mounting through front panel (N) or on rails (V)

NSX100 to 250

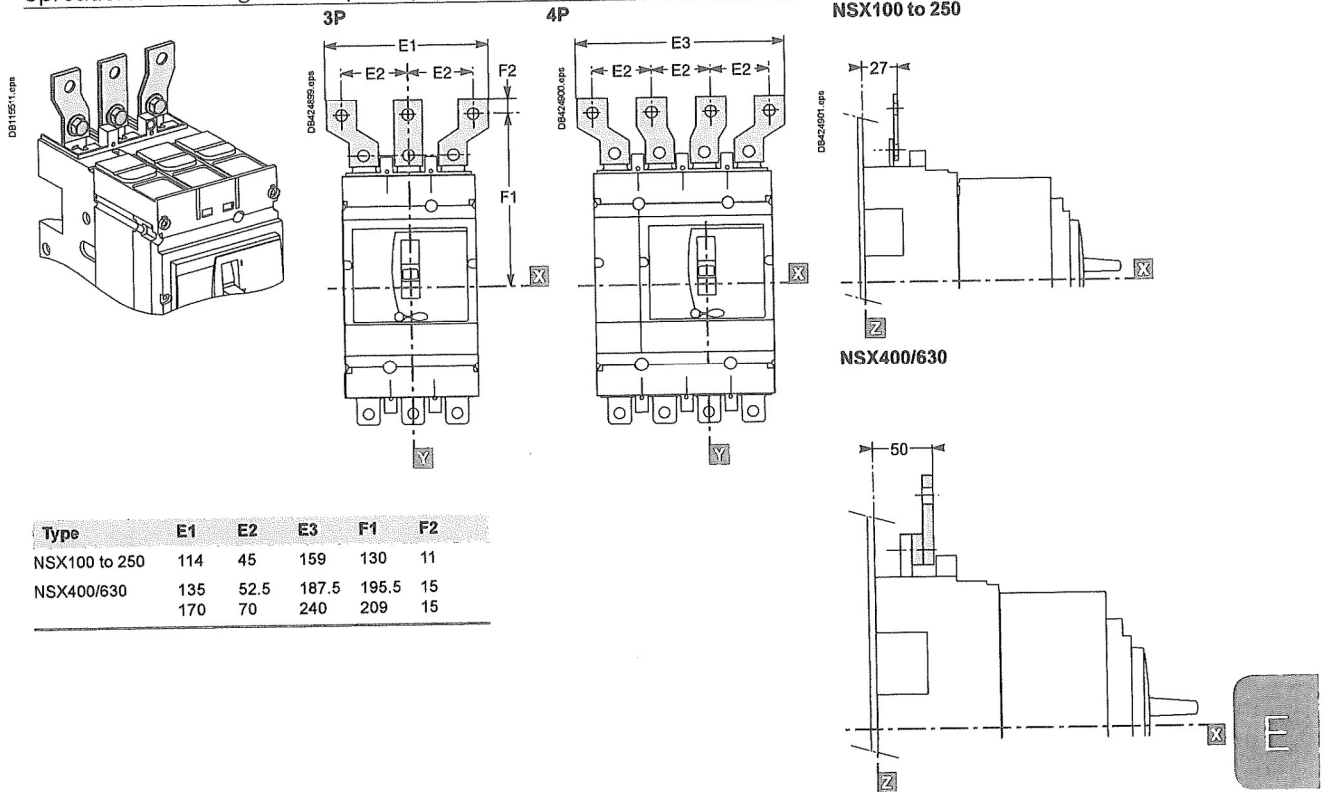


Compact NSX power connections

Compact NSX100 to 630 with/without Vigi add-on plug-in and withdrawable versions

Connection with accessories

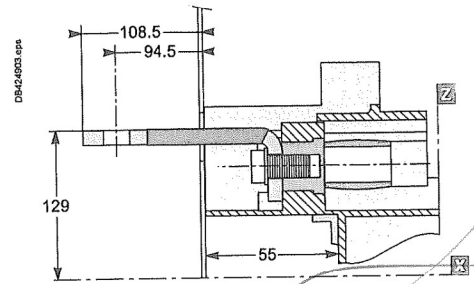
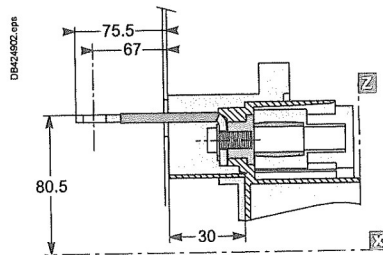
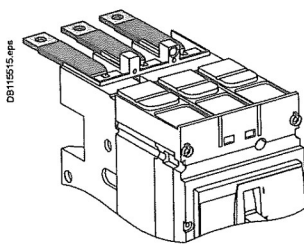
Spreaders: mounting on backplate (M) or rails (V)



Long insulated rear connectors: mounting on backplate (M) or rails (V)

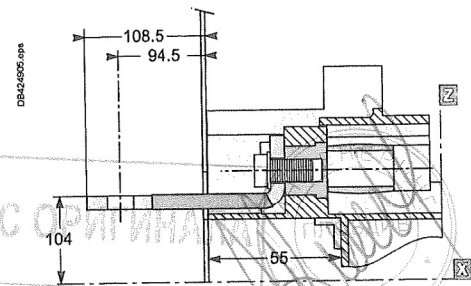
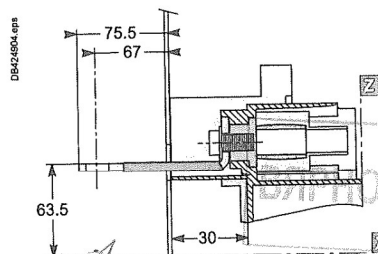
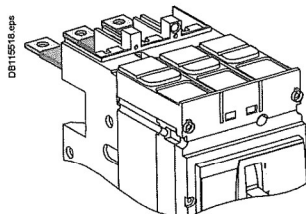
Exterior-mounted rear connectors NSX100 to 250

NSX400/630



Interior-mounted rear connectors NSX100 to 250

NSX400/630



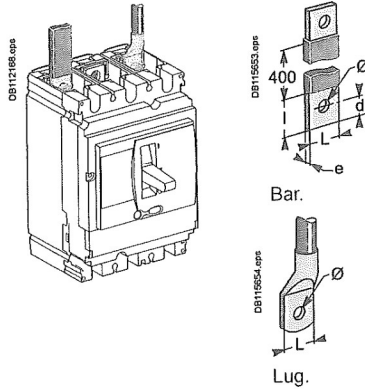
Long, insulated connectors are mandatory.

921

Switchboard integration

Compact NSX power connections

Connection of insulated bars or cables with lugs to Compact NSX100 to 630 with/without Vigi add-on



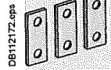
Direct connection for NSX100 to 630

Dimensions	NSX100	NSX160/250	NSX400/630	
Bars	L (mm)	≤ 25	≤ 25	≤ 32
	l (mm)	d + 10	d + 10	d + 15
	d (mm)	≤ 10	≤ 10	≤ 15
	e (mm)	≤ 6	≤ 6	3 ≤ e ≤ 10
	Ø (mm)	6.5	8.5	10.5
Lugs	L (mm)	≤ 25	≤ 25	≤ 32
	Ø (mm)	6.5	8.5	10.5
Torque (Nm) [1]	10	15	50	
Torque (Nm) [2]	5/5	5/5	20/11	
Torque (Nm) [3]	8	8	20	

- [1] Tightening torque on the circuit breaker for lugs or bars.
- [2] Tightening torque on fixed devices for rear connectors/tightening torque on plug-in or withdrawable devices for power connectors.
- [3] Tightening torque on the plug-in base for terminal extensions.

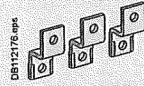
Accessories for NSX100 to 250

Straight terminal extensions



Tinned copper

Double-L terminal extensions



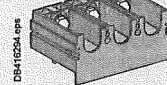
Tinned copper

Spreaders: separate parts



Tinned copper

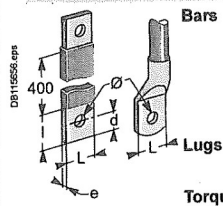
one-piece spreader



For U > 600 V, the mandatory insulation kit is not compatible with spreaders made up of separate parts. The one-piece spreader must be used.

Connection with accessories for NSX100 to 250 (60228)

Pole pitch		
Without spreaders	35 mm	
With spreaders	45 mm	
Dimensions	With spreaders or terminal extensions	
	NSX100	NSX160/250



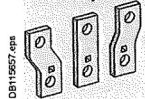
Bars	L (mm)	≤ 25	≤ 25
	l (mm)	20 ≤ l ≤ 25	20 ≤ l ≤ 25
	d (mm)	≤ 10	≤ 10
	e (mm)	≤ 6	≤ 6
	Ø (mm)	6.5	8.5
Lugs	L (mm)	≤ 25	≤ 25
	Ø (mm)	6.5	8.5
Torque (Nm) [1]	10	15	
Torque (Nm) [2]	5	5	

- [1] Tightening torque on the circuit breaker for spreaders or terminal extensions.
- [2] Tightening torque on the plug-in base for spreaders or terminal extensions.

Spreaders and straight, right-angle, 45°, double-L and edgewise terminal extensions are supplied with flexible interphase barriers.

Accessories for NSX400 and 630

Spreaders made up of separate parts for 52.5 and 70 mm pitch

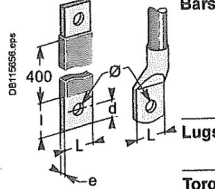


Tinned copper

For U > 600 V, use of the 52.5 mm pitch spreaders requires a specific insulation kit. The 70 mm pitch spreaders may not be used.

Connection with accessories for NSX400 and 630 (60228)

Pole pitch		
Without spreaders	45 mm	
With spreaders	52.5 or 70 mm	
Dimensions	With spreaders	With terminal extensions



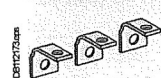
Bars	L (mm)	≤ 40	≤ 32
	l (mm)	d + 15	30 ≤ l ≤ 34
	d (mm)	≤ 20	≤ 15
	e (mm)	3 ≤ e ≤ 10	3 ≤ e ≤ 10
	Ø (mm)	12.5	10.5
Lugs	L (mm)	≤ 40	≤ 32
	Ø (mm)	12.5	10.5
Torque (Nm) [1]	50	50	
Torque (Nm) [2]	20	20	

- [1] Tightening torque on the circuit breaker for spreaders or terminal extensions.
- [2] Tightening torque on the plug-in base for spreaders or terminal extensions.

Spreaders and right-angle, 45° and edgewise terminal extensions are supplied with flexible interphase barriers.

Accessories for NSX100 to 630

Right-angle terminal extensions



Tinned copper
To be mounted on upstream side.

Edgewise terminal extensions

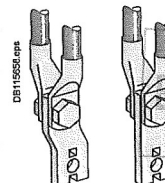


Tinned copper

45° terminal extensions



Tinned copper

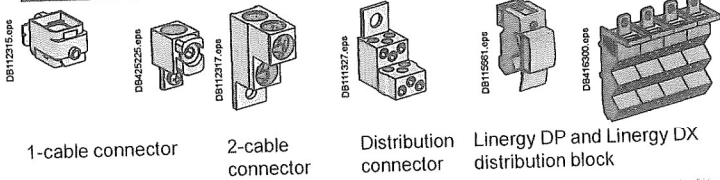


Mounting detail: 2 cables with lugs.

Compact NSX power connections

Connection of bare cables to Compact NSX100 to 630 with/without Vigi add-on

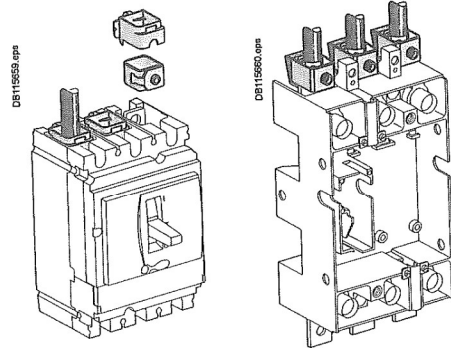
Connection for NSX100 to 250



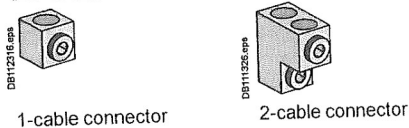
1-cable connector 2-cable connector Distribution connector Linergy DP and Linergy DX distribution block

1-cable connector	Steel	Aluminium		
	≤ 160 A	≤ 250 A		
L (mm)	25	25		
S (mm ²) Cu / Al	1.5 to 95 [1]	25 to 50	70 to 95	120 to 240 150 max. flex.
Torque (Nm)	12	20	26	31
2-cable connector				
L (mm)	25 or 50			
S (mm ²) Cu / Al	2 x 50 to 2 x 120			
Torque (Nm)	22			
6-cable distribution connector (copper or aluminium)				
L (mm)	15 or 30			
S (mm ²) Cu / Al	1.5 to 6 [1]	8 to 35		
Torque (Nm)	4	6		
Linergy DX and Linergy DP distribution block (6 or 9 cables)				
L (mm)	12	16		
S (mm ²) Cu / Al	6 x 4 to 10	3 x 6 to 16		

[1] For flexible cables from 1.5 to 4 mm², connection with crimped or self-crimping ferrules.



Connection for NSX400 and 630

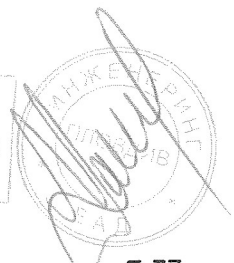
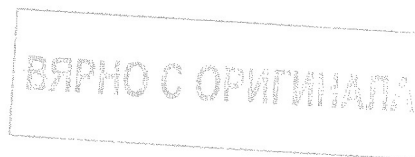
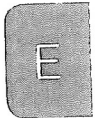


	1-cable connector	2-cable connector
L (mm)	30	30 or 60
S (mm ²) Cu / Al	35 to 300 rigid 240 max. flex.	2 x 35 to 2 x 240 rigid 240 max. flex.
Torque (Nm)	31	31

Conductor materials and electrodynamic stresses

Compact NSX 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 held in place by supports.

Electrical connection points on switchgear 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.

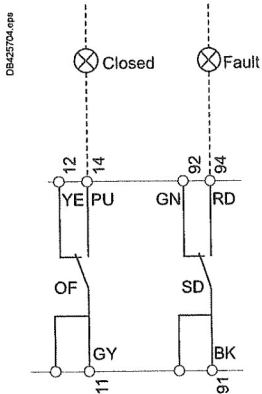


Switchboard integration Compact NSXm Auxiliaries

BA

The diagram is shown with circuits de-energized, relays in normal position, and all devices open, connected, and charged. Terminal connections shown as O must be connected by the customer.

Indication contacts



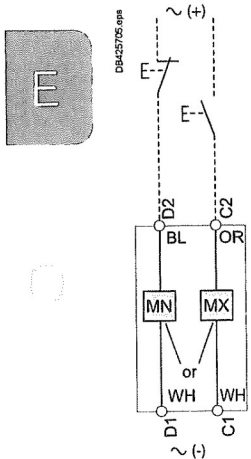
Indication contacts

- OF** Device ON/OFF indication contacts
- SD** Trip indication contact

Color code for auxiliary wiring

- BK:** Black
- GN:** Green
- GY:** Grey
- RD:** Red
- PU:** Purple
- YE:** Yellow

Remote operation



Remote operation

- MN** Undervoltage Release
- or
- MX** Shunt trip Release

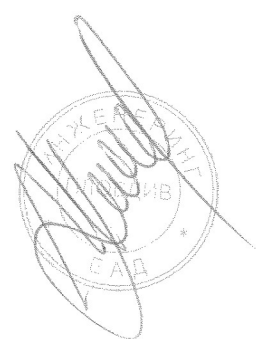
Color code for auxiliary wiring

- BL:** Blue
- OR:** Orange
- WH:** White

[Handwritten signature]

[Handwritten signature]

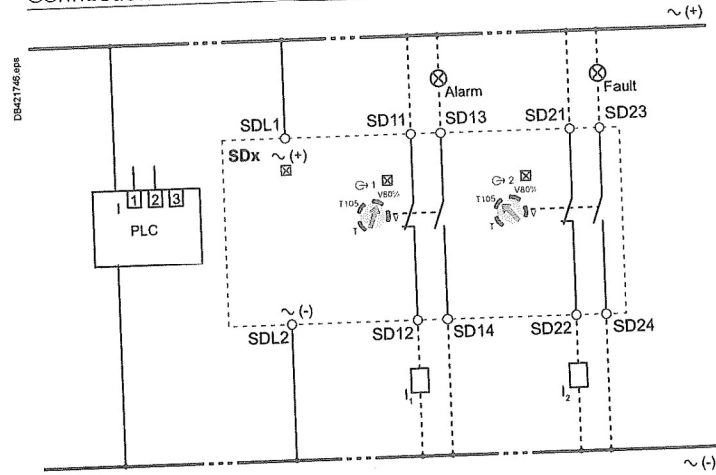
ВЯРНО С ОРИГИНАЛА



Switchboard integration Compact NSXm SDx module for Micrologic Vigi 4.1 (ELCB)

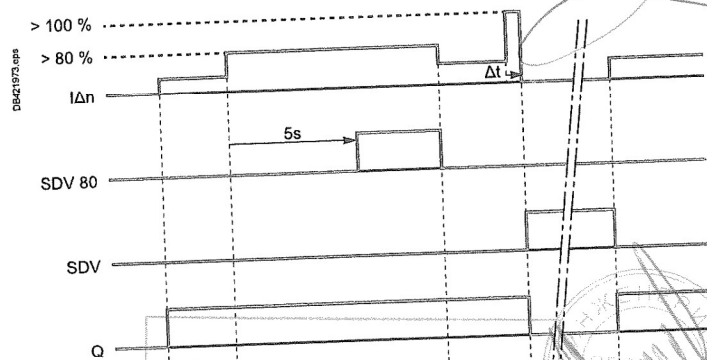
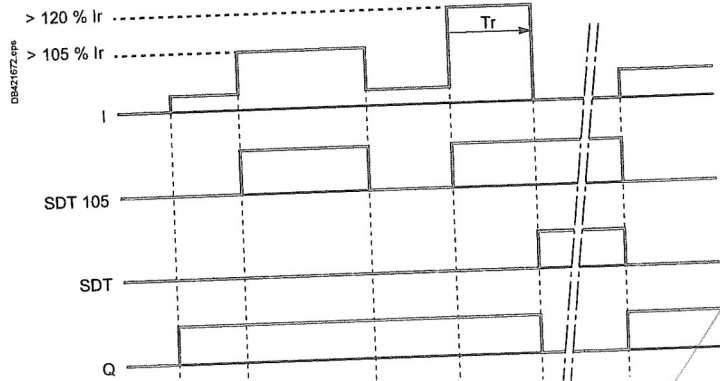
The diagram is shown with circuits de-energised, all devices open, connected and charged and relays in normal position.

Connection



Operation

- I: charge current
- SDT105: overload alarm
- SDT: overload trip indication
- $I_{\Delta n}$: earth leakage current
- SDV80: earth leakage alarm
- SDV: earth leakage trip indication
- Q: circuit breaker

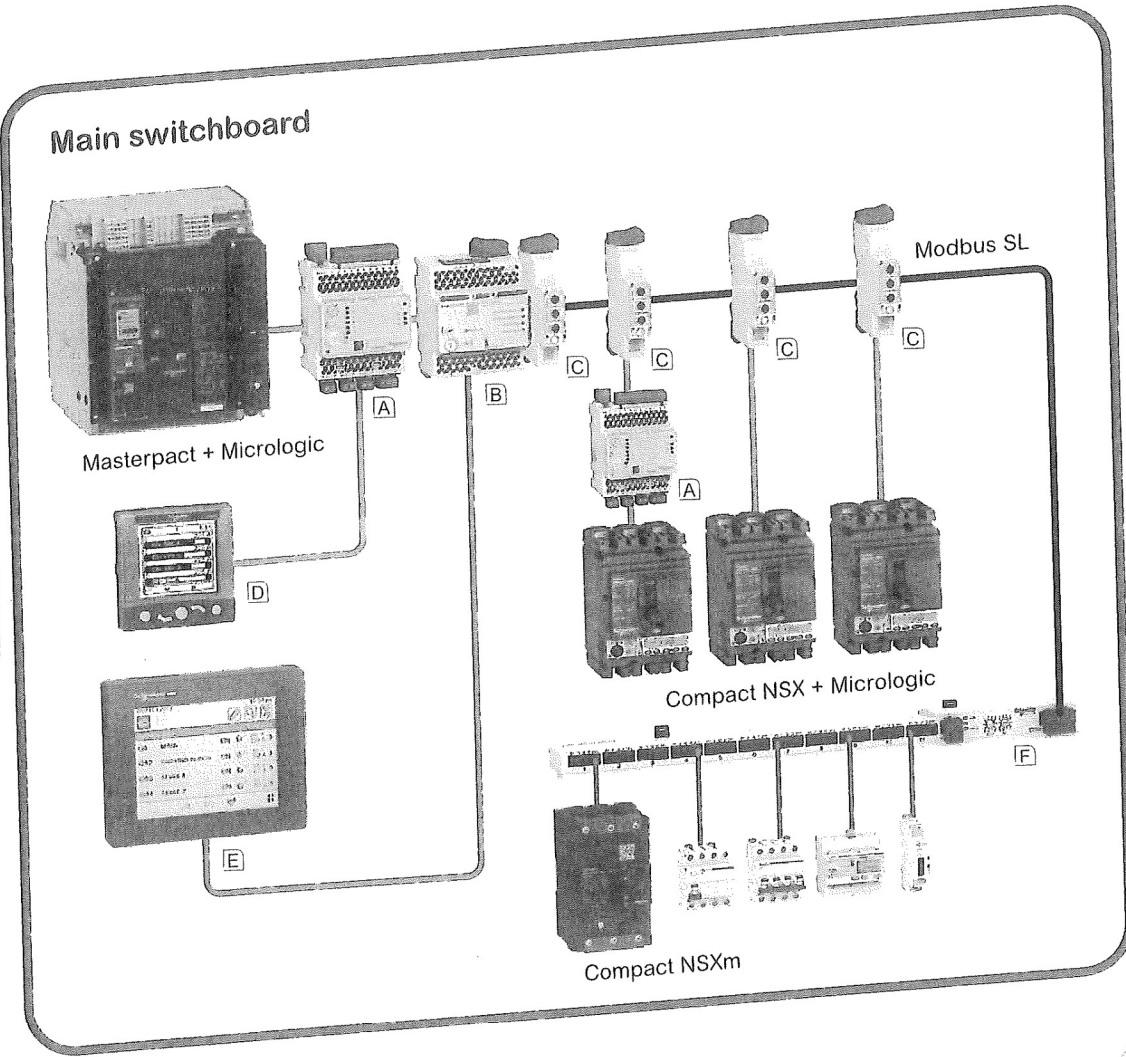


ВЕРНО С ОРИГИНАЛА

Switchboard integration Compact NSXm Communication

Connection of circuit breakers to the Modbus communication network

DB42561.pdf



- [A] I/O
- [B] IFE interface + gateway
- [C] IFM
- [D] FDM121
- [E] FDM128
- [F] Acti9 Smartlink Modbus
- Ethernet
- Modbus SL
- ULP
- Hard wired

ВЯРНО С ОРИГИНАЛ



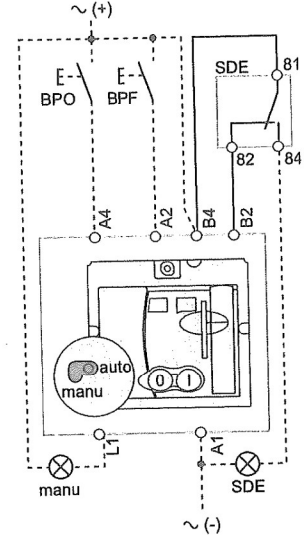
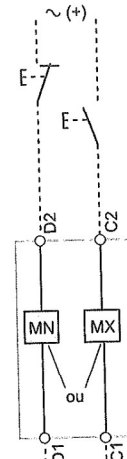
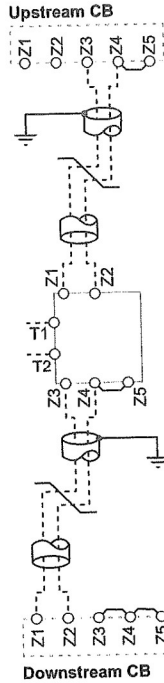
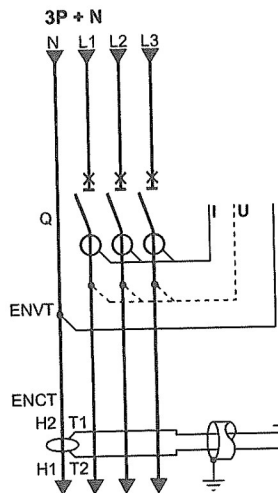
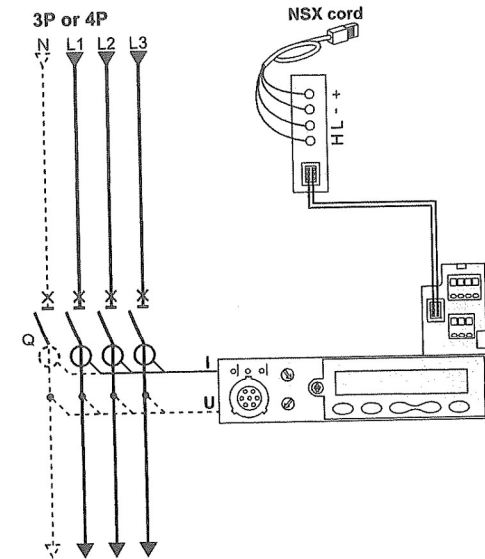
Switchboard integration Compact NSX Fixed circuit breakers

Power

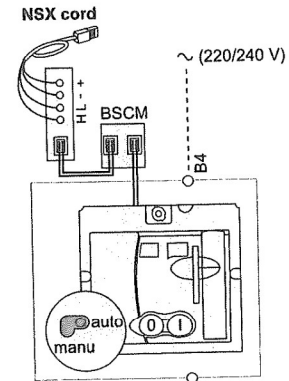
Micrologic

Remote operation

DB425443.998



Motor mechanism (MT)



Communicating motor mechanism (MTc)

Micrologic A or E

- A/E **Communication**
H(WH), L(BL): data
- (BK), + (RD): 24 V DC power supply
- A/E **ZSI (Zone Selective Interlocking)**
Z1: ZSI OUT SOURCE
Z2: ZSI OUT
Z3: ZSI IN SOURCE
Z4: ZSI IN ST (short time)
Z5: ZSI IN GF (ground fault)
Note: Z3, Z4, Z5 for NSX400/630 only.
- A/E **ENCT: external neutral current transformer:**
- shielded cable with 1 twisted pair (T1, T2)
- shielding earthed at one end only (CT end).
Connection L = 30 cm max.
- maximum length of 10 metres
- cable size 0.4 to 1.5 mm²
- recommended cable: Belden 8441 or equivalent.
- E **ENVT: external neutral voltage tap for connection to the neutral via a 3P circuit breaker.**

Remote operation

- MN:** undervoltage release
- or
- MX:** shunt release

Motor mechanism (MT)

- A4:** opening order
- A2:** closing order
- B4, A1:** power supply to motor mechanism
- L1:** manual position (manu)
- B2:** SDE interlocking (mandatory for correct operation)

- BPO:** opening pushbutton
- BPF:** closing pushbutton

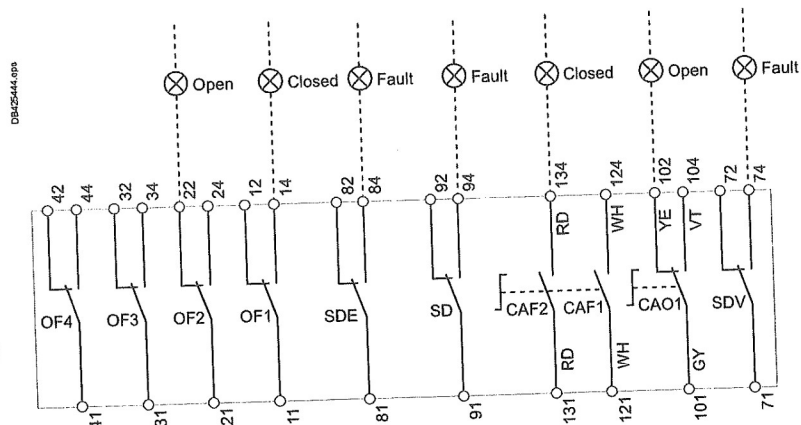
Communicating motor mechanism (MTc)

- B4, A1:** motor mechanism power supply
- BSCM:** breaker status and control module

924

Switchboard integration Compact NSX Fixed circuit breakers

Indication contacts



The diagram is shown with circuits de-energised, all devices open, connected and charged and relays in normal position. Terminals shown in green ○ must be connected by the customer.

Indication contacts

- OF2 / OF1:** device ON/OFF indication contacts
- OF4 / OF3:** device ON/OFF indication contacts (NSX400/630)
- SDE:** fault-trip indication contact (short-circuit, overload, ground fault, earth leakage)
- SD:** trip-indication contact
- CAF2/CAF1:** early-make contact (rotary handle only)
- CAO1:** early-break contact (rotary handle only)
- SDV:** earth leakage fault trip indication contact (Vigi add-on)

Colour code for auxiliary wiring

- | | |
|-------------------|-------------------|
| RD: red | VT: violet |
| WH: white | GY: grey |
| YE: yellow | OR: orange |
| BK: black | BL: blue |
| GN: green | |

ВЕРНО С ОДМЕЧАТА



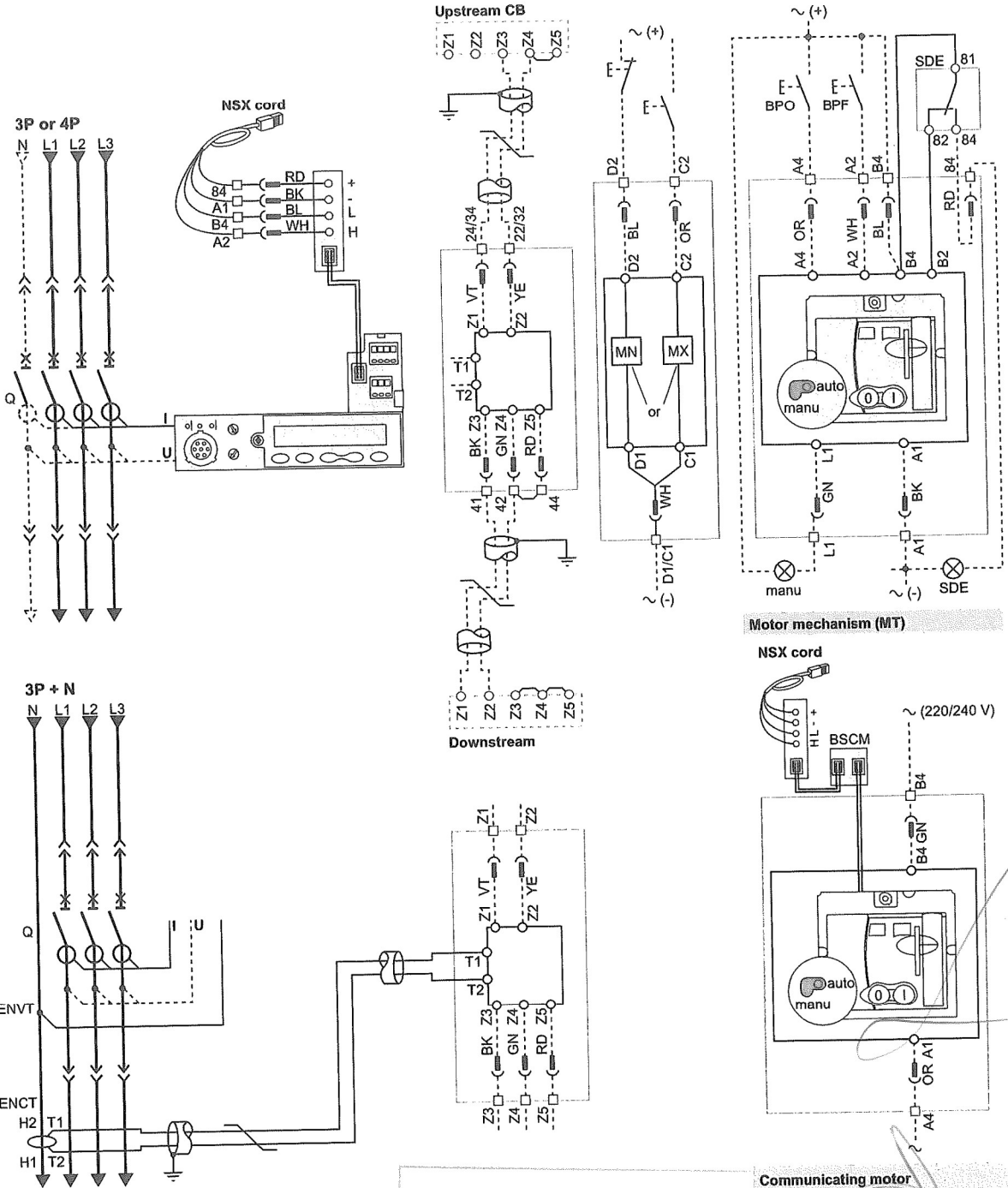
Switchboard integration Compact NSX Plug-in / withdrawable circuit breakers

Power

Micrologic

Remote operation

03425445.eps



ВАРНО С ОРИГИНАЛА

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

929

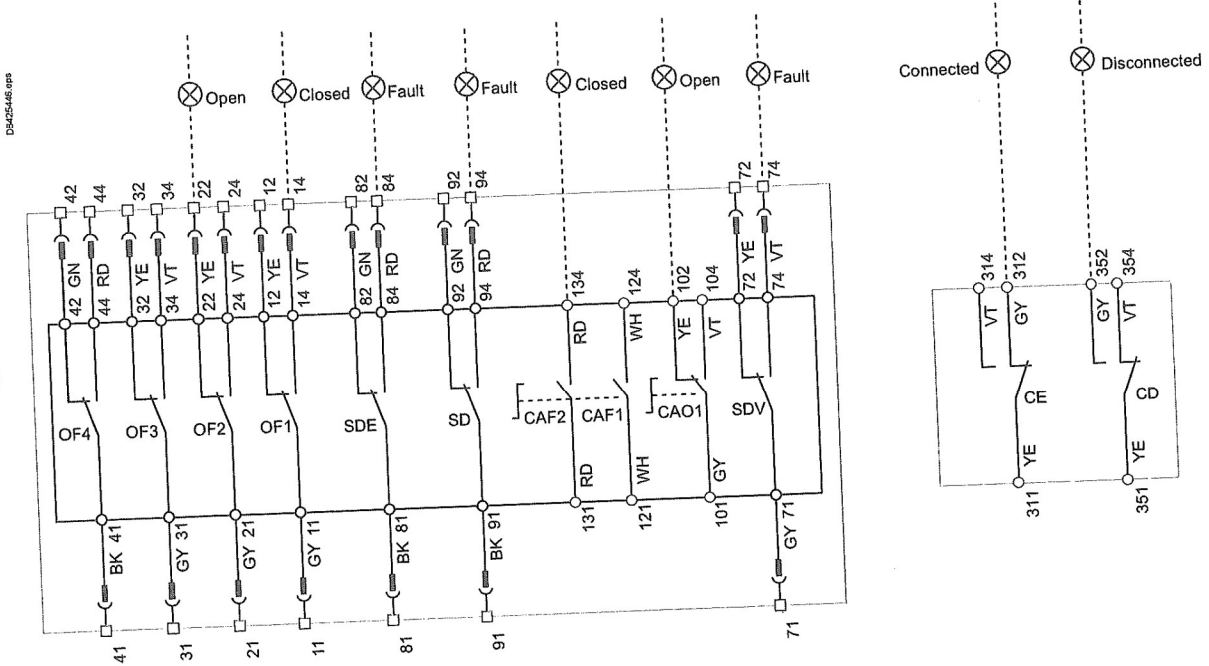
Switchboard integration

Compact NSX

Plug-in / withdrawable circuit breakers

Indication contacts

Carriage switches



Micrologic A or E

- A/E Communication**
 H(WH), L(BL): data
 - (BK), + (RD): 24 V DC power supply
- A/E ZSI (Zone Selective Interlocking)**
 Z1: ZSI OUT SOURCE
 Z2: ZSI OUT
 Z3: ZSI IN SOURCE
 Z4: ZSI IN ST (short time)
 Z5: ZSI IN GF (ground fault)
 Note: Z3, Z4, Z5 for NSX400/630 only.
- A/E ENCT: external neutral current transformer:**
 - shielded cable with 1 twisted pair (T1, T2)
 - shielding earthed at one end only (CT end).
 Connection L = 30 cm max.
 - maximum length of 10 metres
 - cable size 0.4 to 1.5 mm²
 - recommended cable: Belden 8441 or equivalent.
- E ENVT: external neutral voltage tap for connection to the neutral via a 3P circuit breaker.**

Colour code for auxiliary wiring

- | | |
|------------|------------|
| RD: red | VT: violet |
| WH: white | GY: grey |
| YE: yellow | OR: orange |
| BK: black | BL: blue |
| GN: green | |

Terminals shown in green □ / O must be connected by the customer.

Remote operation

- MN:** undervoltage release
or
or
MX: shunt release

Motor mechanism (MT)

- A4:** opening order
A2: closing order
B4, A1: motor mechanism power supply
L1: manual position (manu)
B2: SDE interlocking (mandatory for automatic or remote recharging)
BPO: opening pushbutton
BPF: closing pushbutton

Communicating motor mechanism (MTc)

- B4, A1:** motor mechanism power supply
BSCM: breaker status and control module

Indication contacts

- OF2 / OF1:** device ON/OFF indication contacts
OF4 / OF3: device ON/OFF indication contacts (NSX400/630)
SDE: fault-trip indication contact (short-circuit, overload, ground fault, earth leakage)
SD: trip-indication contact
CAF2/CAF1: early-make contact (rotary handle only)
CAO1: early-break contact (rotary handle only)
SDV: earth leakage fault trip indication contact (Vigi add-on)

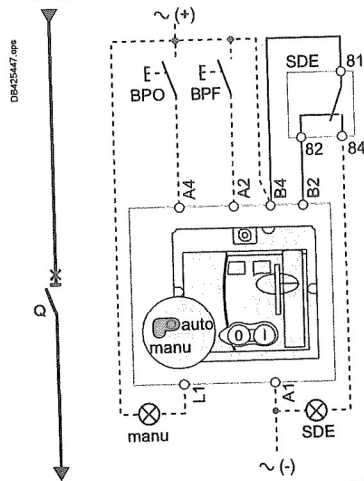
Switchboard integration Compact NSX Motor mechanism

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

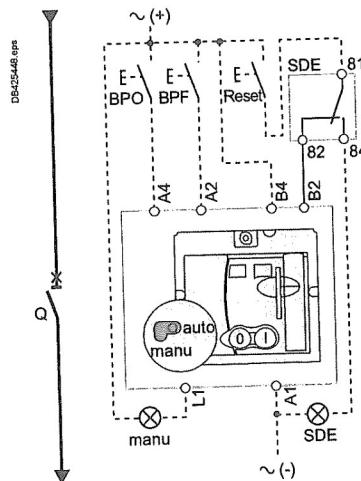
After tripping initiated by the "Push to trip" button or by the undervoltage (MN) release or the shunt (MX) release, device reset can be automatic, remote or manual.

Following tripping due to an electrical fault (with an SDE contact), reset must be carried out manually.

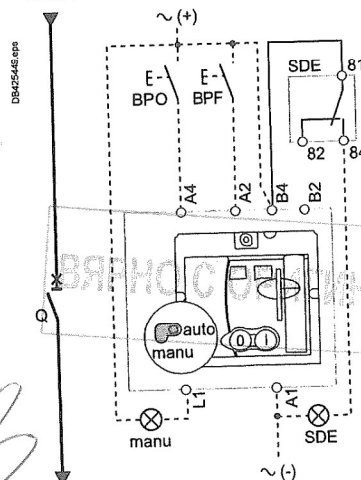
Motor mechanism (MT) with automatic reset



Motor mechanism (MT) with remote reset

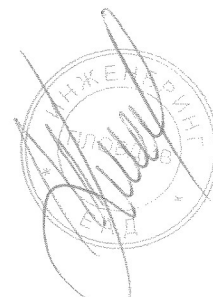


Motor mechanism (MT) with manual reset



Symbols

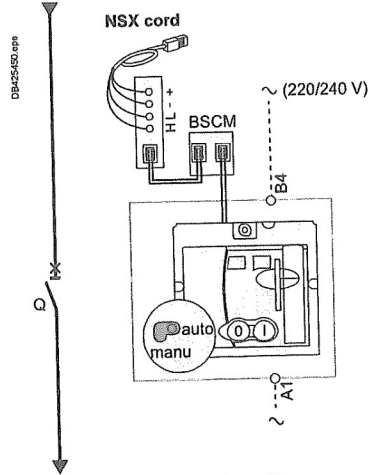
- Q: circuit breaker
- A4: opening order
- A2: closing order
- B4, A1: motor mechanism power supply
- L1: manual position (manu)
- B2: SDE interlocking (mandatory for correct operation)
- BPO: opening pushbutton
- BPF: closing pushbutton
- SDE: fault-trip indication contact (short-circuit, overload, ground fault, earth leakage)



Switchboard integration Compact NSX Motor mechanism

M

Communicating motor mechanism (MTC)



Schematic representation of the communicating motor mechanism (MT).

Single-line diagram of communicating motor mechanism

Opening, closing and reset orders are transmitted via the communication network. The "Enable automatic reset" and "Enable reset even if SDE" parameters must be set using the Ecoreach software via the screen by clicking the blue text.

"Auto/manu" is a switch on the front of the motor mechanism.

Symbols

- Q: circuit breaker
- B4, A1: motor mechanism power supply
- BSCM: breaker status and control module

Terminals shown in green O must be connected by the customer.

E

2

ВЯРНО С ОРИГИНАЛОМ
ИНЖЕНЕР
СЕРГЕЙ
ЛЕАД

1

Switchboard integration Compact NSX SDx module with Micrologic

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

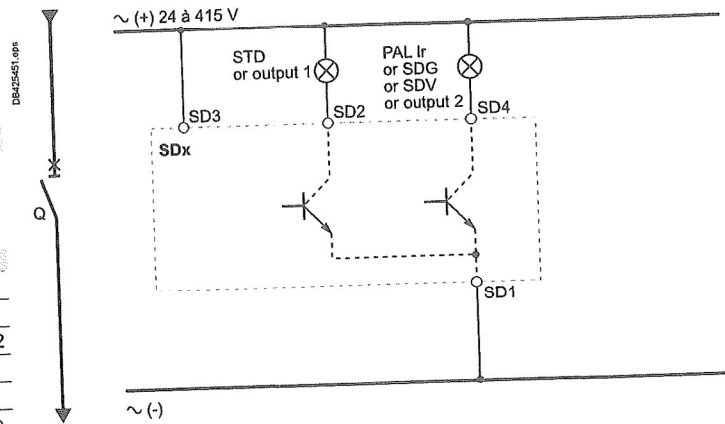
Symbols

SD1, SD3: SDx-module power supply
SD2: output 1 (80 mA max.)
SD4: output 2 (80 mA max.)

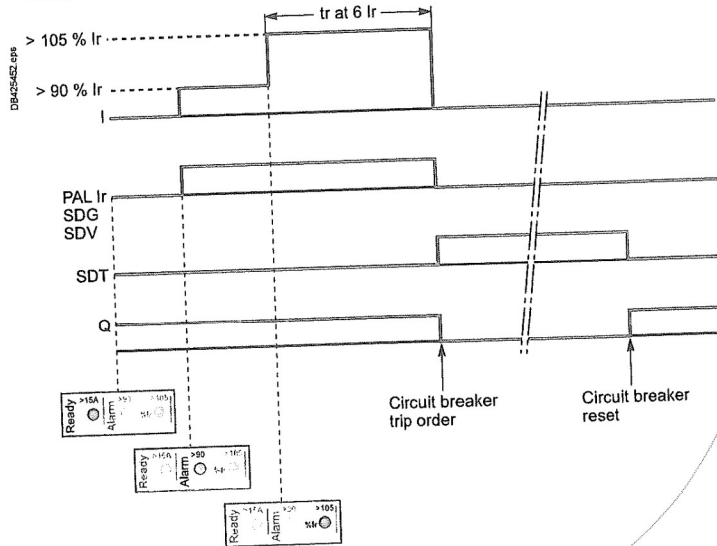
	SD2	SD4
Micrologic 2	SDT	-
Micrologic Vigi 4	SDT	SDV
Micrologic 5	SDT or output 1	PAL Ir or output 2
Micrologic 6	SDT or output 1	SDG or output 2
Micrologic Vigi 7	SDT or output 1	SDV or output 2

Terminals shown in green O must be connected by the customer.

Connection



Operation



- I: charge current
- PAL Ir: thermal overload pre-alarm
- SDG: ground-fault signal
- SDT: thermal-fault signal
- SDV: residual current trip signal
- Q: circuit breaker

ВЕРНО С ОРИГИНАЛОМ

Switchboard integration Compact NSX SDTAM module with Micrologic M

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

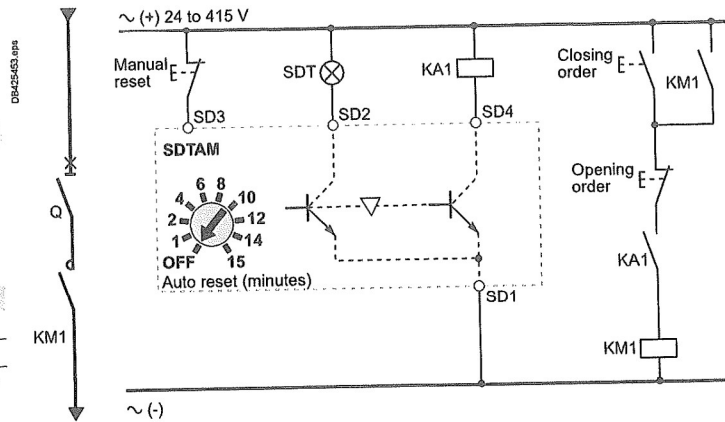
Symbols

- SD1, SD3:** SDTAM-module power supply
- SD2:** thermal-fault signal output (80 mA max.)
- SD4:** contactor-control output (80 mA max.)

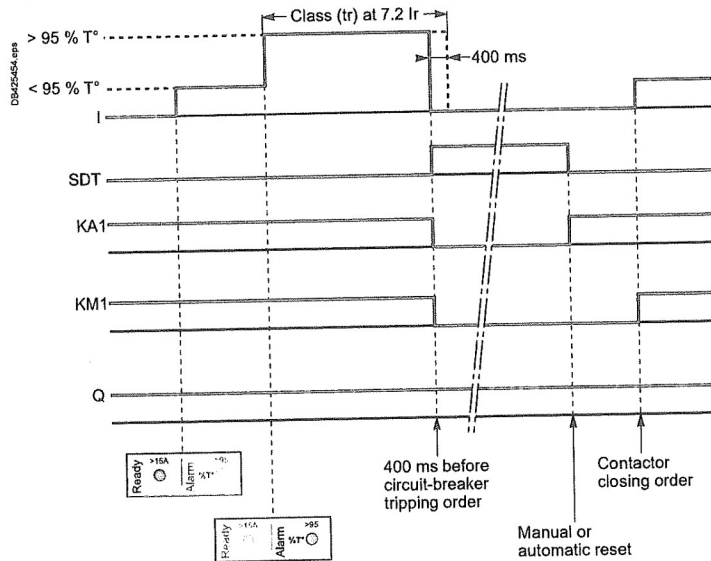
	SD2	SD4
Micrologic 2-M	SDT	KA1
Micrologic 6 E-M	SDT	KA1

Terminals shown in green O must be connected by the customer.

Connection



Operation

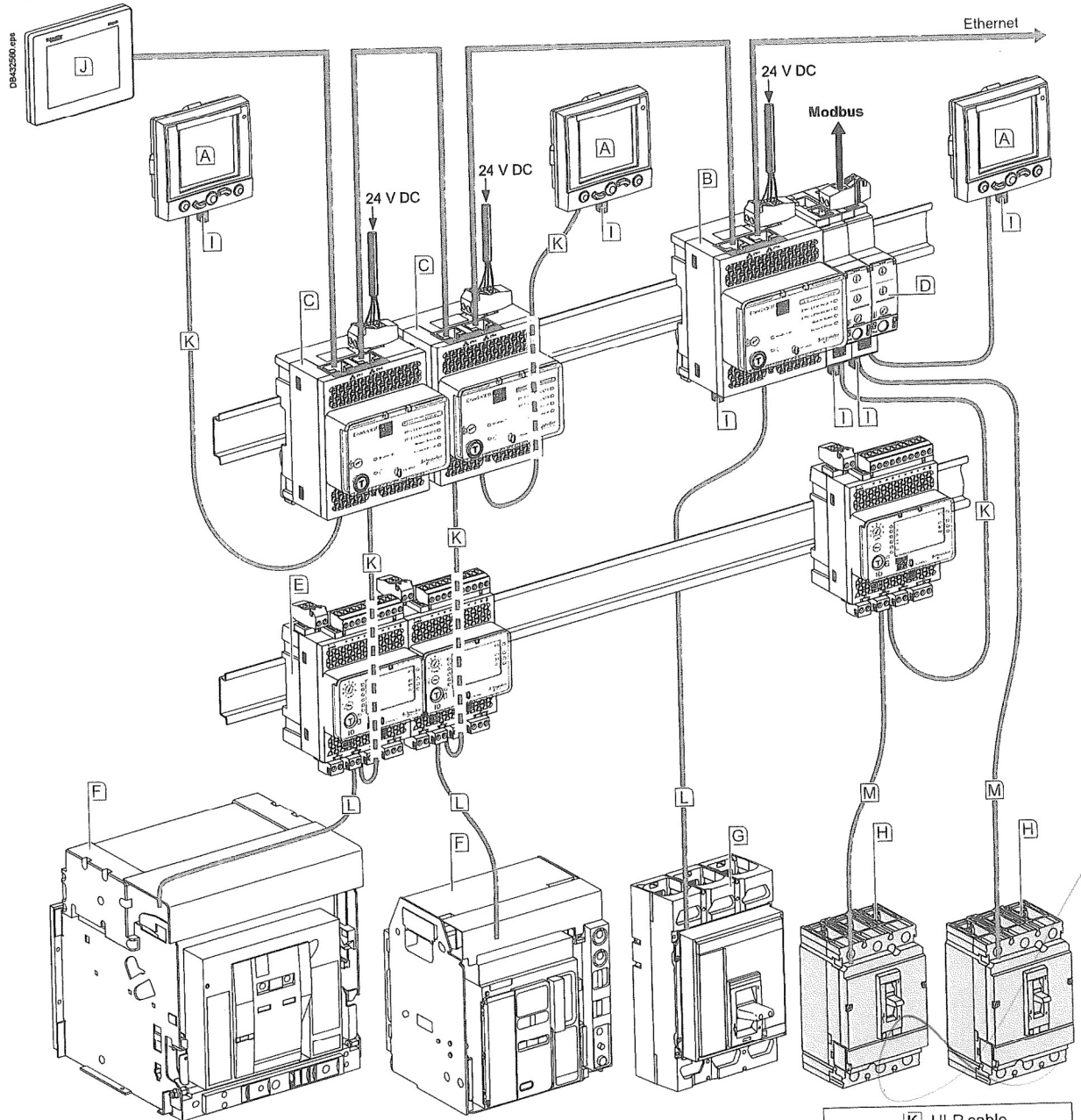


- I:** charge current
- SDT:** thermal-fault signal
- KA1:** auxiliary relay (e.g. RBN or RTBT relay)
- KM1:** motor contactor
- Q:** circuit breaker



Switchboard integration Compact NSX Communication

Connection of circuit breakers to the Modbus communication network



- [A] FDM121 (TRV00121)
- [B] IFE interface (LV434002)
- [C] IFE switchboard server (LV434001)
- [D] IFM (LV484000)
- [E] I/O application module (LV434063)

- [F] Masterpact MTZ
- [G] Compact NS630b-3200
- [H] Compact NSX
- [I] ULP termination (TRV00880)
- [J] FDM128 (LV434128)

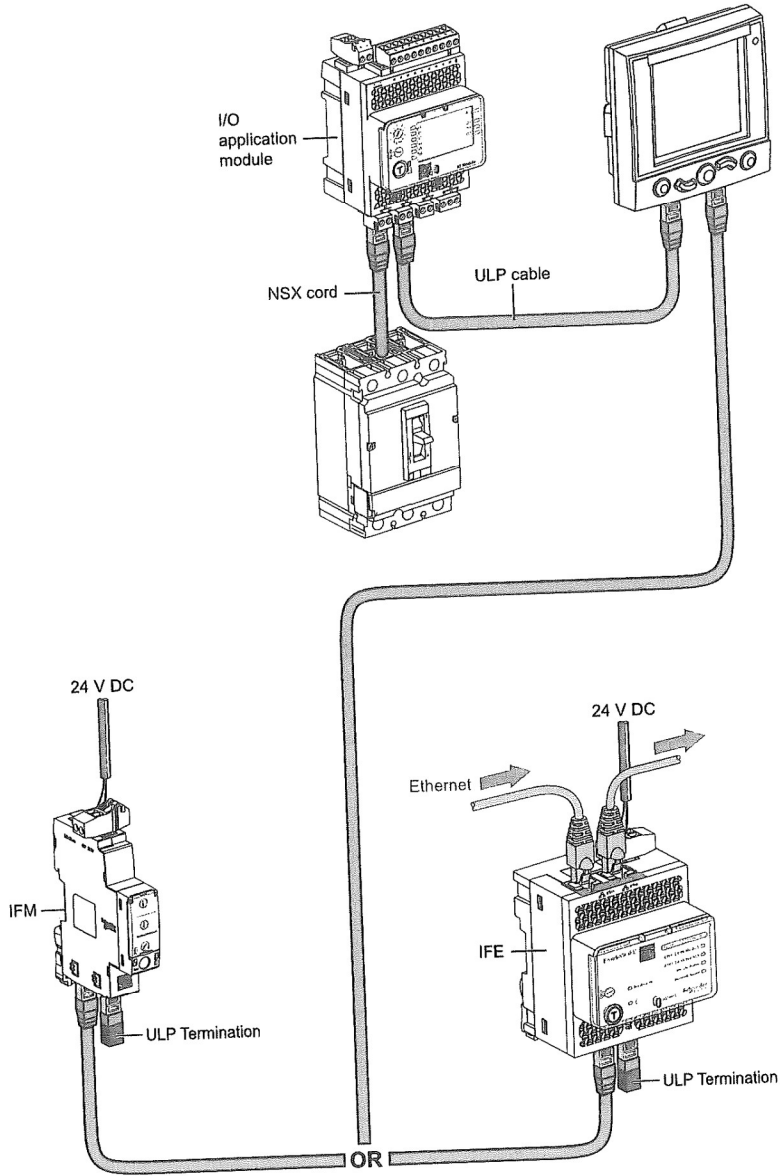
- [K] ULP cable
- [L] Breaker ULP cord
- [M] NSX cord
- Ethernet
- Modbus

ВАЖНО С ОРИГИНАЛА

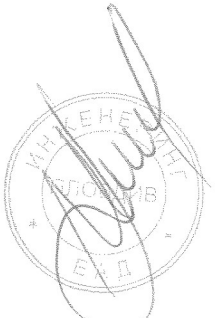
935

Switchboard integration Compact NSX Communication

DBA32562-019



ВЯРНО С ОРИГИНАЛА



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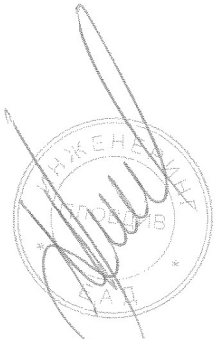
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Handwritten mark



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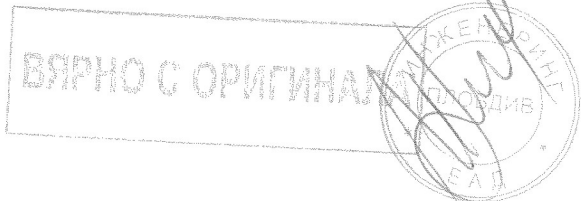
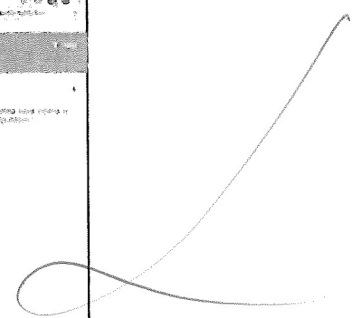
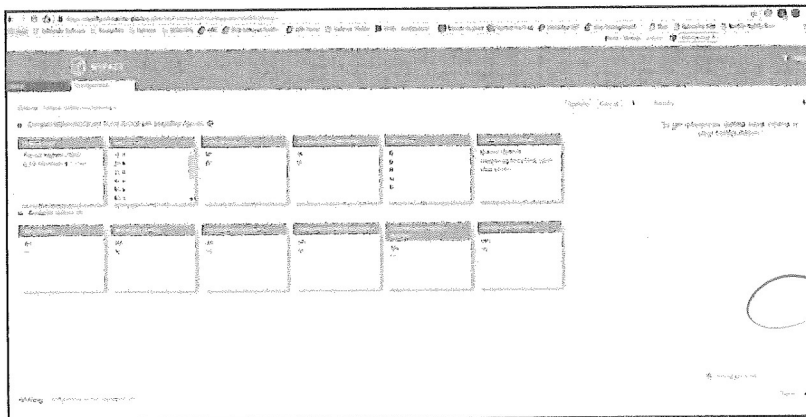
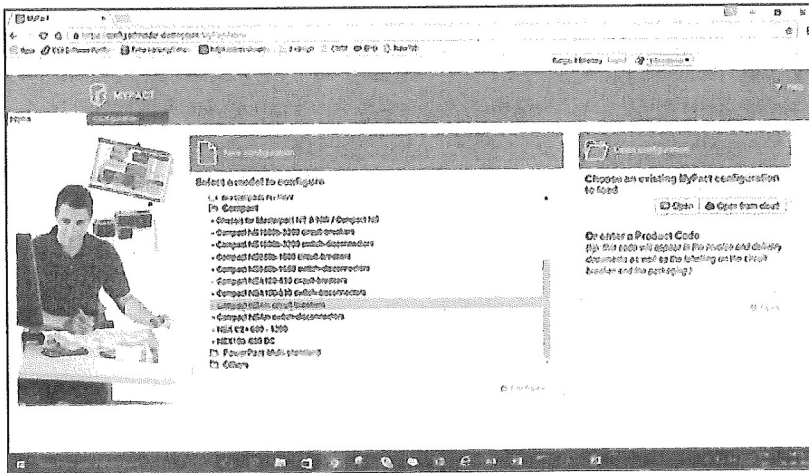
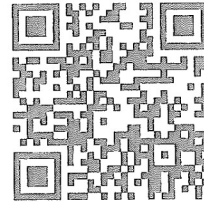
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937

M

Order your Compact NSX and NSXm through digital tools MyPact

> Go to MyPact



Catalogue numbers

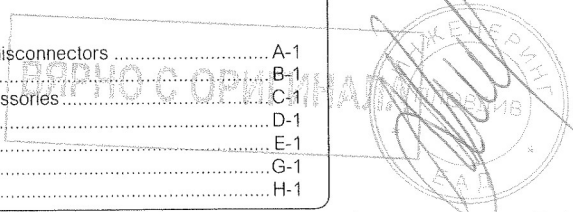
Compact NSXm.....	F-3
Compact NSX100-250	F-15
Compact NSX400-630	F-51
Source-changeover systems for 2 devices	
Compact NSX100 to NSX630.....	F-76
NSX100/400 for utilities, "tarif jaune" public distribution	F-78
Order form	F-82

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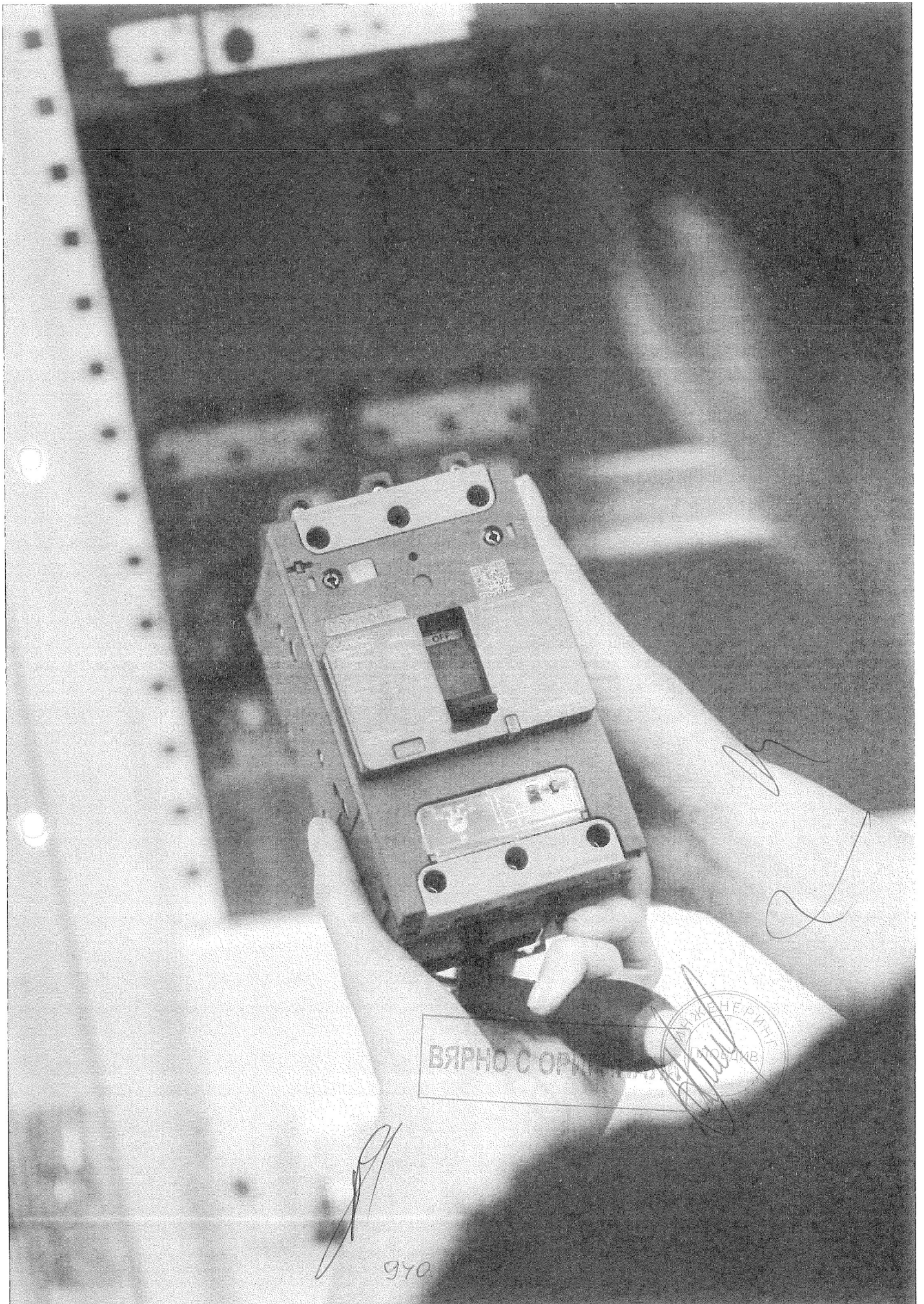


Other chapters

Select your circuit breakers and switch-disconnectors	A-1
Select your protection	B-1
Customize your circuit breaker with accessories	C-1
Smart Panel integration.....	D-1
Switchboard integration.....	E-1
Glossary	G-1
Additional characteristics	H-1



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ВЯРНО С ОРНАМЕНТАМИ



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940

Catalogue numbers: Compact NSXm

Complete fixed device

Compact NSXm E/B (16/25 kA at 380/415 V).....	F-4
Compact NSXm F/N (36/50 kA at 380/415 V).....	F-5
Compact NSXm H (70 kA at 380/415 V).....	F-6
Compact NSXm Micrologic Vigi 4.1 E/B/F (16/25/36 kA at 380/415 V).....	F-7
Compact NSXm Micrologic Vigi 4.1 N/H (50/70kA at 380/415 V) ...	F-8
Compact NSXm NA.....	F-9

Accessories

Connection and insulation.....	F-10
Electrical auxiliaries.....	F-11
Rotary handles, locks and seals.....	F-12
Spare parts, test tool and software.....	F-13

F

Other chapters

Select your circuit breakers and switch-disconnectors.....	A-1
Select your protection.....	B-1
Customize your circuit breaker with accessories.....	C-1
Smart Panel integration.....	D-1
Switchboard integration.....	E-1
Glossary.....	G-1
Additional characteristics.....	H-1

ВЕРНО С ОРИГИНАЛА



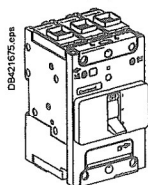
941

Complete fixed device

Compact NSXm E/B (16/25 kA at 380/415 V)

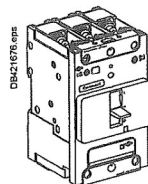
Compact NSXm E (16 kA at 380/415 V)

With thermal-magnetic trip unit TM-D



EverLink™ connectors

Rating	3P	4P 3d	4P 4d
TM16D	LV426100	LV426110	LV426120
TM25D	LV426101	LV426111	LV426121
TM32D	LV426102	LV426112	LV426122
TM40D	LV426103	LV426113	LV426123
TM50D	LV426104	LV426114	LV426124
TM63D	LV426105	LV426115	LV426125
TM80D	LV426106	LV426116	LV426126
TM100D	LV426107	LV426117	LV426127
TM125D	LV426108	LV426118	LV426128
TM160D	LV426109	LV426119	LV426129

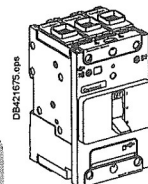


Compression lug/busbar connectors

Rating	3P	4P 3d	4P 4d
TM16D	LV426150	LV426160	LV426170
TM25D	LV426151	LV426161	LV426171
TM32D	LV426152	LV426162	LV426172
TM40D	LV426153	LV426163	LV426173
TM50D	LV426154	LV426164	LV426174
TM63D	LV426155	LV426165	LV426175
TM80D	LV426156	LV426166	LV426176
TM100D	LV426157	LV426167	LV426177
TM125D	LV426158	LV426168	LV426178
TM160D	LV426159	LV426169	LV426179

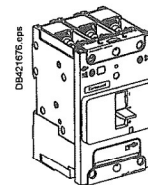
Compact NSXm B (25 kA at 380/415 V)

With thermal-magnetic trip unit TM-D



EverLink™ connectors

Rating	3P	4P 3d	4P 4d
TM16D	LV426200	LV426210	LV426220
TM25D	LV426201	LV426211	LV426221
TM32D	LV426202	LV426212	LV426222
TM40D	LV426203	LV426213	LV426223
TM50D	LV426204	LV426214	LV426224
TM63D	LV426205	LV426215	LV426225
TM80D	LV426206	LV426216	LV426226
TM100D	LV426207	LV426217	LV426227
TM125D	LV426208	LV426218	LV426228
TM160D	LV426209	LV426219	LV426229

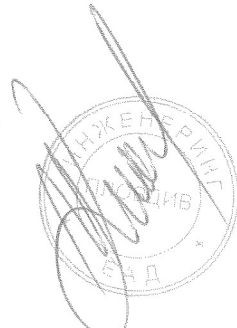


Compression lug/busbar connectors

Rating	3P	4P 3d	4P 4d
TM16D	LV426250	LV426260	LV426270
TM25D	LV426251	LV426261	LV426271
TM32D	LV426252	LV426262	LV426272
TM40D	LV426253	LV426263	LV426273
TM50D	LV426254	LV426264	LV426274
TM63D	LV426255	LV426265	LV426275
TM80D	LV426256	LV426266	LV426276
TM100D	LV426257	LV426267	LV426277
TM125D	LV426258	LV426268	LV426278
TM160D	LV426259	LV426269	LV426279



ВЯРНО С ОРИГИНАЛА

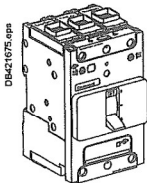


Complete fixed device

Compact NSXm F/N (36/50 kA at 380/415 V)

Compact NSXm F (36 kA at 380/415 V)

With thermal-magnetic trip unit TM-D

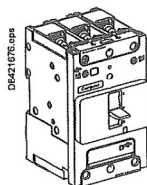


EverLink™ connectors

Rating	3P	4P 3d	4P 4d
TM16D	LV426300	LV426310	LV426320
TM25D	LV426301	LV426311	LV426321
TM32D	LV426302	LV426312	LV426322
TM40D	LV426303	LV426313	LV426323
TM50D	LV426304	LV426314	LV426324
TM63D	LV426305	LV426315	LV426325
TM80D	LV426306	LV426316	LV426326
TM100D	LV426307	LV426317	LV426327
TM125D	LV426308	LV426318	LV426328
TM160D	LV426309	LV426319	LV426329

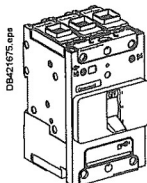
Compression lug/busbar connectors

Rating	3P	4P 3d	4P 4d
TM16D	LV426350	LV426360	LV426370
TM25D	LV426351	LV426361	LV426371
TM32D	LV426352	LV426362	LV426372
TM40D	LV426353	LV426363	LV426373
TM50D	LV426354	LV426364	LV426374
TM63D	LV426355	LV426365	LV426375
TM80D	LV426356	LV426366	LV426376
TM100D	LV426357	LV426367	LV426377
TM125D	LV426358	LV426368	LV426378
TM160D	LV426359	LV426369	LV426379



Compact NSXm N (50 kA at 380/415 V)

With thermal-magnetic trip unit TM-D

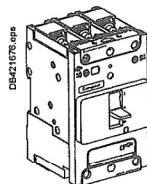


EverLink™ connectors

Rating	3P	4P 3d	4P 4d
TM16D	LV426400	LV426410	LV426420
TM25D	LV426401	LV426411	LV426421
TM32D	LV426402	LV426412	LV426422
TM40D	LV426403	LV426413	LV426423
TM50D	LV426404	LV426414	LV426424
TM63D	LV426405	LV426415	LV426425
TM80D	LV426406	LV426416	LV426426
TM100D	LV426407	LV426417	LV426427
TM125D	LV426408	LV426418	LV426428
TM160D	LV426409	LV426419	LV426429

Compression lug/busbar connectors

Rating	3P	4P 3d	4P 4d
TM16D	LV426450	LV426460	LV426470
TM25D	LV426451	LV426461	LV426471
TM32D	LV426452	LV426462	LV426472
TM40D	LV426453	LV426463	LV426473
TM50D	LV426454	LV426464	LV426474
TM63D	LV426455	LV426465	LV426475
TM80D	LV426456	LV426466	LV426476
TM100D	LV426457	LV426467	LV426477
TM125D	LV426458	LV426468	LV426478
TM160D	LV426459	LV426469	LV426479



F

ВЯРНО С ОРИГИНАЛА

ИНЖЕНЕРНИЦА

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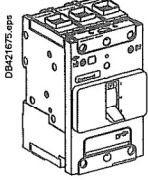
Complete fixed device

Compact NSXm H (70 kA at 380/415 V)

99

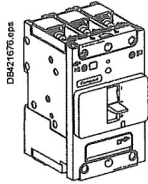
Compact NSXm H (70 kA at 380/415 V)

With thermal-magnetic trip unit TM-D



EverLink™ connectors

Rating	3P	4P 3d	4P 4d
TM16D	LV426500	LV426510	LV426520
TM25D	LV426501	LV426511	LV426521
TM32D	LV426502	LV426512	LV426522
TM40D	LV426503	LV426513	LV426523
TM50D	LV426504	LV426514	LV426524
TM63D	LV426505	LV426515	LV426525
TM80D	LV426506	LV426516	LV426526
TM100D	LV426507	LV426517	LV426527
TM125D	LV426508	LV426518	LV426528
TM160D	LV426509	LV426519	LV426529



Compression lug/busbar connectors

Rating	3P	4P 3d	4P 4d
TM16D	LV426550	LV426560	LV426570
TM25D	LV426551	LV426561	LV426571
TM32D	LV426552	LV426562	LV426572
TM40D	LV426553	LV426563	LV426573
TM50D	LV426554	LV426564	LV426574
TM63D	LV426555	LV426565	LV426575
TM80D	LV426556	LV426566	LV426576
TM100D	LV426557	LV426567	LV426577
TM125D	LV426558	LV426568	LV426578
TM160D	LV426559	LV426569	LV426579



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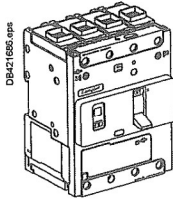
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Catalogue numbers
Complete fixed device
 Compact NSXm Micrologic Vigi 4.1 E/B/F
 (16/25/36 kA at 380/415 V)

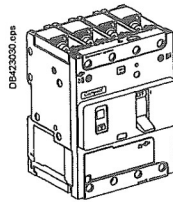
Compact NSXm Micrologic Vigi 4.1 E (16 kA at 380/415 V)

With Micrologic Vigi 4.1



EverLink™ connectors

Rating	3P	4P
25 A	LV426700	LV426705
50 A	LV426701	LV426706
100 A	LV426702	LV426707
160 A	LV426703	LV426708

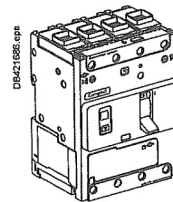


Compression lug/busbar connectors

Rating	3P	4P
25 A	LV426750	LV426755
50 A	LV426751	LV426756
100 A	LV426752	LV426757
160 A	LV426753	LV426758

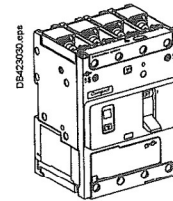
Compact NSXm Micrologic Vigi 4.1 B (25 kA at 380/415 V)

With Micrologic Vigi 4.1



EverLink™ connectors

Rating	3P	4P
25 A	LV426710	LV426715
50 A	LV426711	LV426716
100 A	LV426712	LV426717
160 A	LV426713	LV426718

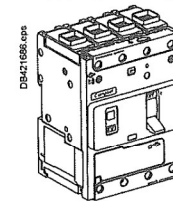


Compression lug/busbar connectors

Rating	3P	4P
25 A	LV426760	LV426765
50 A	LV426761	LV426766
100 A	LV426762	LV426767
160 A	LV426763	LV426768

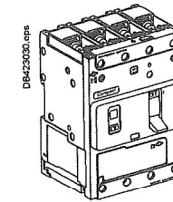
Compact NSXm Micrologic Vigi 4.1 F (36 kA at 380/415 V)

With Micrologic Vigi 4.1



EverLink™ connectors

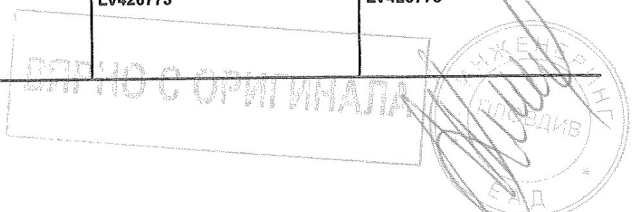
Rating	3P	4P
25 A	LV426720	LV426725
50 A	LV426721	LV426726
100 A	LV426722	LV426727
160 A	LV426723	LV426728



Compression lug/busbar connectors

Rating	3P	4P
25 A	LV426770	LV426775
50 A	LV426771	LV426776
100 A	LV426772	LV426777
160 A	LV426773	LV426778

F



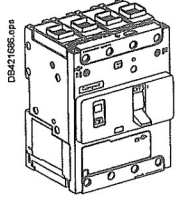
PM

Complete fixed device

Compact NSXm Micrologic Vigi 4.1 N/H (50/70kA at 380/415 V)

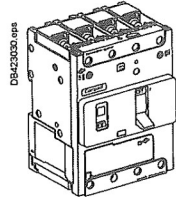
Compact NSXm Micrologic Vigi 4.1 N (50 kA at 380/415 V)

With Micrologic Vigi 4.1



EverLink™ connectors

Rating	3P	4P
25 A	LV426730	LV426735
50 A	LV426731	LV426736
100 A	LV426732	LV426737
160 A	LV426733	LV426738

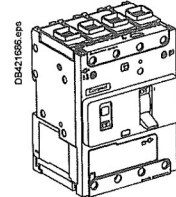


Compression lug/busbar connectors

Rating	3P	4P
25 A	LV426780	LV426785
50 A	LV426781	LV426786
100 A	LV426782	LV426787
160 A	LV426783	LV426788

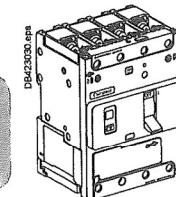
Compact NSXm Micrologic Vigi 4.1 H (70 kA at 380/415 V)

With Micrologic Vigi 4.1



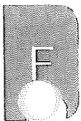
EverLink™ connectors

Rating	3P	4P
25 A	LV426740	LV426745
50 A	LV426741	LV426746
100 A	LV426742	LV426747
160 A	LV426743	LV426748



Compression lug/busbar connectors

Rating	3P	4P
25 A	LV426790	LV426795
50 A	LV426791	LV426796
100 A	LV426792	LV426797
160 A	LV426793	LV426798



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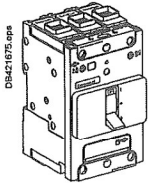
ВАЖНО С ОРИГИНАЛА

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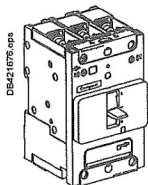
Catalogue numbers
Complete fixed device
Compact NSXm NA

Compact NSXm NA switch-disconnector



EverLink™ connectors

Rating	3P	4P
50NA	LV426600	LV426610
100NA	LV426601	LV426611
160NA	LV426602	LV426612



Compression lug/busbar connectors

Rating	3P	4P
50NA	LV426650	LV426660
100NA	LV426651	LV426661
160NA	LV426652	LV426662



Catalogue numbers



Accessories

Connection and insulation




Connection accessories (Cu or Al)

Bare cable connectors

 <small>DB421520.eps</small>	Everlink connector with control wire terminal	1x (2.5 to 95 mm ² ; ≤ 160 A Cu or ≤ 100 A Al)	Set of 3	LV426970
			Set of 4	LV426971
 <small>DB4119750.eps</small>	Aluminium connector	1x (2.5 to 70 mm ² ; ≤ 125 A Cu or Al)	Set of 2	LV426966
			Set of 3	LV426967


Compression lugs / busbar connectors

 <small>DB421537.eps</small>	Terminal with nuts and screws M6	≤ 160 A	Set of 3	LV426960
			Set of 4	LV426961

Terminal extensions

 <small>DB421538.eps</small>	Spreaders from 27 to 35 mm pitch ^[1]		3P	LV426940
			4P	LV426941

Crimp lugs for copper cable ^[1]

 <small>DB421539.eps</small>	For cable 70 mm ² rigid / 50 mm ² flexible		Set of 3	LV426978
			Set of 4	LV426979
	For cable 95 mm ² rigid / 70 mm ² flexible		Set of 3	LV426980
			Set of 4	LV426981
	For cable 120 mm ² rigid / 95 mm ² flexible		Set of 3	LV426982
			Set of 4	LV426983

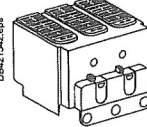
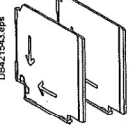
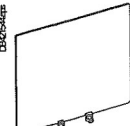
Crimp lugs for aluminium cable ^[1]

 <small>DB421540.eps</small>	For cable 95 mm ² rigid		Set of 3	LV426984
			Set of 4	LV426985
	For cable 120 mm ² rigid		Set of 3	LV426976
			Set of 4	LV426977

Torque limiting breakaway bits

 <small>DB421541.eps</small>	9 N.m		Set of 6	LV426990
			Set of 8	LV426991
	5 N.m		Set of 6	LV426992
			Set of 8	LV426993

Insulation accessories

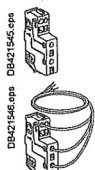
 <small>DB421542.eps</small>	1 long terminal shield		3P	LV426912
			4P	LV426913
 <small>DB421543.eps</small>	Interphase barriers		Set of 6	LV426920
 <small>DB421544.eps</small>	2 rear insulation screens		3P	LV426922
			4P	LV426923

[1] Supplied with 2 or 3 interphase barriers.



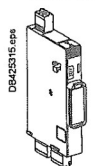
Electrical auxiliaries

Auxiliary contacts (changeover)



Standard OF or SD	LV426950
Pre-wired OF ^[1]	LV426951
Pre-wired SD ^[1]	LV426952

SDx for Micrologic Vigi 4.1



SDx module 24-250 V AC/DC	LV426900
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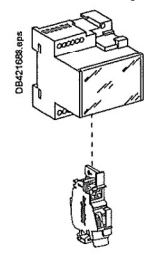
Voltage releases



Standard	Voltage	MX	MN			
AC	24 V 50/60 Hz	LV426841	LV426801			
	48 V 50/60 Hz	LV426842	LV426802			
	110...130 V 50/60 Hz	LV426843	LV426803			
	220...240 V 50 Hz	LV426844	LV426804			
	208...240 V 60 Hz					
	277 V 60 Hz	LV426844	LV426805			
	380...415 V 50 Hz	LV426846	LV426806			
	440...480 V 60 Hz	LV426846	LV426807			
	DC	12 V DC	LV426850	-		
		24 V DC	LV426841	LV426801		
48 V DC		LV426842	LV426802			
125 V DC		LV426843	LV426803			
250 V DC		LV426844	LV426815			
Pre-wired ^[1]		Voltage	MX	MN		
	AC		24 V 50/60 Hz	LV426861	LV426821	
			48 V 50/60 Hz	LV426862	LV426822	
			110...130 V 50/60 Hz	LV426863	LV426823	
			220...240 V 50 Hz	LV426864	LV426824	
			208...240 V 60 Hz			
			277 V 60 Hz	LV426864	LV426825	
			380...415 V 50 Hz	LV426866	LV426826	
			440...480 V 60 Hz	LV426866	LV426827	
			DC	12 V DC	LV426870	-
				24 V DC	LV426861	LV426821
	48 V DC			LV426862	LV426822	
	125 V DC			LV426863	LV426823	
	250 V DC		LV426864	LV426835		



Time delay unit for undervoltage release (MN)



MN 48 V 50/60 Hz with fixed time delay	
Composed of:	MN 48 V DC
	Delay unit 48 V 50/60 Hz
	LV426802
	LV429426
MN 220-240 V 50/60 Hz with fixed time delay	
Composed of:	MN 250 V DC
	Delay unit 220-240 V 50/60 Hz
	LV426815
	LV429427
MN 48 V DC/AC 50/60 Hz with adjustable time delay	
Composed of:	MN 48 V DC
	Delay unit 48 V DC/AC 50/60 Hz
	LV426802
	33680
MN 110-130 V DC/AC 50/60 Hz with adjustable time delay	
Composed of:	MN 125 V DC
	Delay unit 100-130 V DC/AC 50/60 Hz
	LV426803
	33681
MN 220-250 V DC/AC 50/60 Hz with adjustable time delay	
Composed of:	MN 250 V DC
	Delay unit 200-250 V DC/AC 50-60 Hz
	LV426816
	33682

[1] Cable: 1 meter long - AWG 18 - 480 V UL certified.

F



949

Catalogue numbers

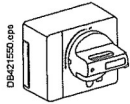
Accessories

Rotary handles, locks and seals

M

Rotary handle

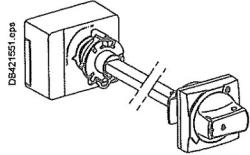
Direct rotary handle



With black handle
With red handle on yellow front

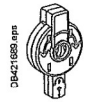
LV426930
LV426931

Extended rotary handle



With black handle IP54
With red handle on yellow front IP54
With red handle on yellow front IP65

LV426932
LV426933
LV426934



Open door shaft operator

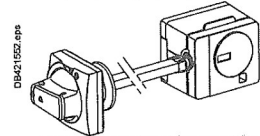
LV426937



Laser tool

GVAPL01

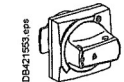
Side rotary handle



With black handle IP54
With red handle on yellow front IP54

LV426935
LV426936

Universal handle



Black handle IP54 (spare part for replacement of front, ext. or side rotary handle)
Red handle on yellow front IP54
Red handle on yellow front IP65

LV426997
LV426998
LV426999

Locks

Toggle locking device for 1 to 3 padlocks



By removable device

29370



By fixed device (OFF or ON)

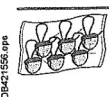
LV426905



By fixed device (OFF only)

LV426906

Lead - Sealing accessories



Bag of accessories

LV429375

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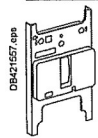
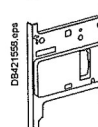
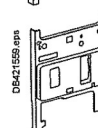
ВАРНО С ОРИГИНАЛА

ИНЖЕНЕРИ
П. ДИМОВ
Б. АД

Accessories


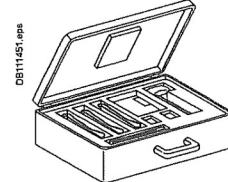
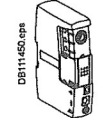
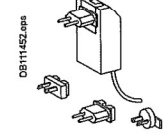


Spare parts, test tool and software

Spare parts

	Front cover	3P	LV426946
		4P	LV426947
		ELCB ^[1]	LV426948

Test tool, software, demo

Test tool

	Pocket battery for Micrologic		LV434206
	Maintenance case Comprising: <ul style="list-style-type: none"> <input type="checkbox"/> USB maintenance interface <input type="checkbox"/> Power supply <input type="checkbox"/> Micrologic cord <input type="checkbox"/> USB cord <input type="checkbox"/> RJ45/RJ45 male cord 		TRV00910
	Spare USB maintenance interface		TRV00911
	Spare power supply 110-240 V AC		TRV00915
	Spare Micrologic cord for USB maintenance interface		TRV00917
Software			
	Configuration and setting Ecoreach software		LV4ST100
	Test software LTU		LV4ST121 ^[2]
	Monitoring Ecoreach software		LV4SM100 ^[2]

Demo tool

Demo case for Compact	LV434207
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[1] ELCB: Earth Leakage Circuit Breaker.
 [2] Downloadable from <http://schneider-electric.com>.

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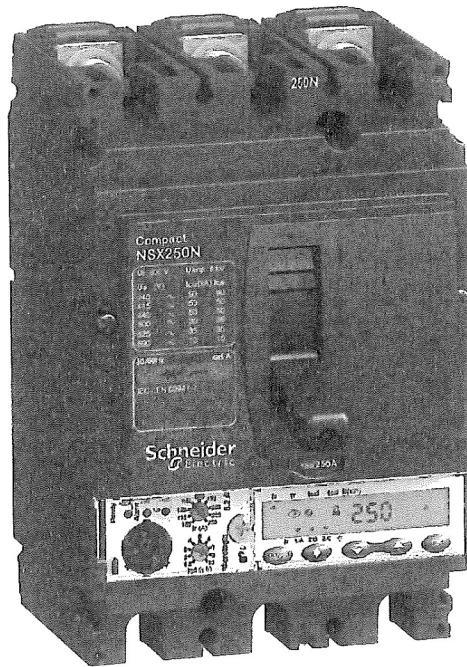
ВЕРНО С ОРИГИНАЛА



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ВЯРНО С ОРИГИНАЛА

ИЖЕНСКИ
ПРОВАН
ЕАД

M

Catalogue numbers: Compact NSX100-250

Complete fixed device

Compact NSX100/160 1P-2P NSX250N 1P.....	F-16
Compact NSX100/160/250B (25 kA 380/415 V).....	F-17
Compact NSX100/160/250B Vigi add-on (25 kA 380/415 V).....	F-18
Compact NSX100/160/250F (36 kA 380/415 V).....	F-19
Compact NSX100/160/250F Vigi add-on (36 kA 380/415 V).....	F-21
Compact NSX100/160/250N (50 kA 380/415 V).....	F-22
Compact NSX100/160/250H (70 kA 380/415 V).....	F-24
Compact NSX100/250R (200 kA 380/415 V - 45 kA 690 V).....	F-26
Compact NSX100/250HB1 (85 kA 500 V - 75 kA 690 V).....	F-28
Compact NSX100/250HB2 (100 kA 500 V - 100 kA 690 V).....	F-30
Compact NSX100/160/250NA.....	F-32

Based on separate components

Compact NSX100/160/250.....	F-33
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Trip unit accessories

Compact NSX100/160/250 with/without Vigi add-on.....	F-36
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Installation and connection

Compact NSX100/160/250 with/without Vigi add-on.....	F-37
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Accessories and auxiliaries

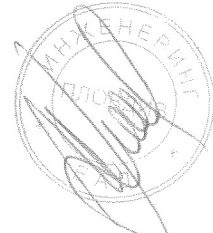
Compact NSX100/160/250 with/without Vigi add-on.....	F-38
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F

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Other chapters

Select your circuit breakers and switch-disconnectors.....	A-1
Select your protection.....	B-1
Customize your circuit breaker with accessories.....	C-1
Smart Panel integration.....	D-1
Switchboard integration.....	E-1
Glossary.....	G-1
Additional characteristics.....	H-1



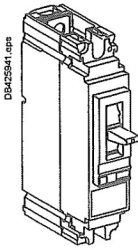
953

Complete fixed device

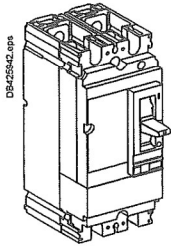
Compact NSX100/160 1P-2P NSX250N 1P

Compact NSX100/160 F/N/M/S 1P/2P

With thermal-magnetic trip unit TM-D



Compact NSX100F AC/DC		Compact NSX100F AC/DC
Rating	1P 1d (Icu = 18 kA 220/240 V AC)	2P 2d (Icu = 18 kA 380/415 V AC)
TM16D	LV438562	LV438592
TM20D	LV438563	LV438593
TM25D	LV438564	LV438594
TM30D	LV438565	LV438595
TM40D	LV438566	LV438596
TM50D	LV438567	LV438597
TM63D	LV438568	LV438598
TM80D	LV438569	LV438599
TM100D	LV438570	LV438600



Compact NSX160F AC/DC		Compact NSX160F AC/DC
Rating	1P 1d (Icu = 18 kA 220/240 V AC)	2P 2d (Icu = 18 kA 380/415 V AC)
TM125D	LV438669	LV438699
TM160D	LV438670	LV438700

Compact NSX100N AC/DC		Compact NSX100M AC/DC
Rating	1P 1d (Icu = 25 kA 220/240 V AC)	2P 2d (Icu = 25 kA 380/415 V AC)
TM16D	LV438572	LV438602
TM20D	LV438573	LV438603
TM25D	LV438574	LV438604
TM30D	LV438575	LV438605
TM40D	LV438576	LV438606
TM50D	LV438577	LV438607
TM63D	LV438578	LV438608
TM80D	LV438579	LV438609
TM100D	LV438580	LV438610

Compact NSX160N AC/DC		Compact NSX160M AC/DC
Rating	1P 1d (Icu = 25 kA 220/240 V AC)	2P 2d (Icu = 40 kA 380/415 V AC)
TM125D	LV438679	LV438709
TM160D	LV438680	LV438710

Compact NSX100M AC/DC		Compact NSX100S AC/DC
Rating	1P 1d (Icu = 40 kA 220/240 V AC)	2P 2d (Icu = 70 kA 380/415 V AC)
TM16D	LV438582	LV438612
TM20D	LV438583	LV438613
TM25D	LV438584	LV438614
TM30D	LV438585	LV438615
TM40D	LV438586	LV438616
TM50D	LV438587	LV438617
TM63D	LV438588	LV438618
TM80D	LV438589	LV438619
TM100D	LV438590	LV438620

Compact NSX160M AC/DC		Compact NSX160S AC/DC
Rating	1P 1d (Icu = 40 kA 220/240 V AC)	2P 2d (Icu = 70 kA 380/415 V AC)
TM125D	LV438689	LV438719
TM160D	LV438690	LV438720

Compact NSX250 N 1P

With thermal-magnetic trip unit TM-D

Compact NSX250N AC

Rating	1P 1d (Icu = 25 kA 220/240 V AC)
TM160D	LV438693
TM200D	LV438694
TM250D	LV438695



ВЯРНО С ОРИГИНАЛА



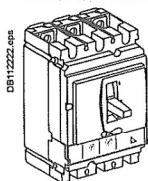
954

Complete fixed device

Compact NSX100/160/250B (25 kA 380/415 V)

Compact NSX100/160/250B

With thermal-magnetic trip unit TM-D



Compact NSX100B (25 kA at 380/415 V)

Rating	3P 2d	3P 3d	4P 3d	4P 4d
TM16D	LV429547	LV429557	LV429567	LV429577
TM25D	LV429546	LV429556	LV429566	LV429576
TM32D	LV429545	LV429555	LV429565	LV429575
TM40D	LV429544	LV429554	LV429564	LV429574
TM50D	LV429543	LV429553	LV429563	LV429573
TM63D	LV429542	LV429552	LV429562	LV429572
TM80D	LV429541	LV429551	LV429561	LV429571
TM100D	LV429540	LV429550	LV429560	LV429570

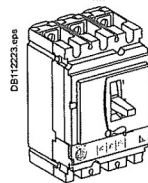
Compact NSX160B (25 kA at 380/415 V)

Rating	3P 2d	3P 3d	4P 3d	4P 4d
TM80D	LV430303	LV430313	LV430323	LV430333
TM100D	LV430302	LV430312	LV430322	LV430332
TM125D	LV430301	LV430311	LV430321	LV430331
TM160D	LV430300	LV430310	LV430320	LV430330

Compact NSX250B (25 kA at 380/415 V)

Rating	3P 2d	3P 3d	4P 3d	4P 4d
TM125D	LV431103	LV431113	LV431123	LV431133
TM160D	LV431102	LV431112	LV431122	LV431132
TM200D	LV431101	LV431111	LV431121	LV431131
TM250D	LV431100	LV431110	LV431120	LV431130

With electronic trip unit Micrologic 2.2 (LS₀I protection)



Compact NSX100B (25 kA at 380/415 V)

Rating	3P 3d	4P 3d, 4d, 3d + N/2
40	LV429777	LV429787
100	LV429775	LV429785

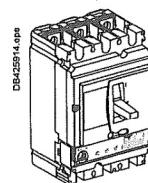
Compact NSX160B (25 kA at 380/415 V)

Rating	3P 3d	4P 3d, 4d, 3d + N/2
100	LV430746	LV430751
160	LV430745	LV430750

Compact NSX250B (25 kA at 380/415 V)

Rating	3P 3d	4P 3d, 4d, 3d + N/2
100	LV431142	LV431152
160	LV431141	LV431151
250	LV431140	LV431150

With electronic trip unit Micrologic Vig1 4.2 (LS₀IR protection)



Compact NSX100B (25 kA 380/415V)

Rating	3P 3d	4P 4d, 3d + N/2
40 A	LV433810	LV433818
100 A	LV433811	LV433819

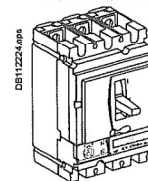
Compact NSX160B (25 kA 380/415V)

Rating	3P 3d	4P 4d, 3d + N/2
100 A	LV433812	LV433820
160 A	LV433813	LV433821

Compact NSX250B (25 kA 380/415V)

Rating	3P 3d	4P 4d, 3d + N/2
100 A	LV433814	LV433822
160 A	LV433815	LV433823
250 A	LV433816	LV433824

With electronic trip unit Micrologic 5.2 A (LSI protection, ammeter)



Compact NSX100B (25 kA at 380/415 V)

Rating	3P 3d	4P 3d, 4d, 3d + N/2, 3d + OSN
40	LV429872	LV429877
100	LV429870	LV429875

Compact NSX160B (25 kA at 380/415 V)

Rating	3P 3d	4P 3d, 4d, 3d + N/2, 3d + OSN
100	LV430871	LV430876
160	LV430870	LV430875

Compact NSX250B (25 kA at 380/415 V)

Rating	3P 3d	4P 3d, 4d, 3d + N/2, 3d + OSN
100	LV431147	LV431157
160	LV431146	LV431156
250	LV431145	LV431155

With electronic trip unit Micrologic 5.2 E (LSI protection, energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

With electronic trip unit Micrologic 6.2 A (LSIG protection, ammeter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

With electronic trip unit Micrologic 6.2 E (LSIG protection, energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

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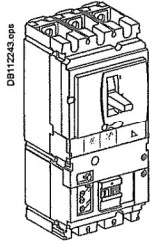
955

Complete fixed device

Compact NSX100/160/250B Vigi add-on (25 kA 380/415 V)

Compact NSX100/160/250B Vigi add-on

With thermal-magnetic trip unit TM-D



Compact NSX100B (25 kA at 380/415 V) MH Vigi add-on (200 to 440 V)

Rating	3P 3d	4P 3d	4P 4d
TM16D	LV429667	LV429707	LV429967
TM25D	LV429666	LV429706	LV429966
TM32D	LV429665	LV429705	LV429965
TM40D	LV429664	LV429704	LV429964
TM50D	LV429663	LV429703	LV429963
TM63D	LV429662	LV429702	LV429962
TM80D	LV429661	LV429701	LV429961
TM100D	LV429660	LV429700	LV429960

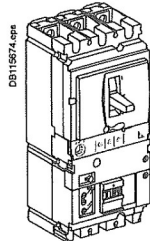
Compact NSX160B (25 kA at 380/415 V) MH Vigi add-on (200 to 440 V)

Rating	3P 3d	4P 3d	4P 4d
TM80D	LV430343	LV430353	LV430363
TM100D	LV430342	LV430352	LV430362
TM125D	LV430341	LV430351	LV430361
TM160D	LV430340	LV430350	LV430360

Compact NSX250B (25 kA at 380/415 V) MH Vigi add-on (200 to 440 V)

Rating	3P 3d	4P 3d	4P 4d
TM125D	LV431903	LV431913	LV431963
TM160D	LV431902	LV431912	LV431962
TM200D	LV431901	LV431911	LV431961
TM250D	LV431900	LV431910	LV431960

With electronic trip unit Micrologic 2.2 (LS₀J protection)



Compact NSX100B (25 kA at 380/415 V) MH Vigi add-on (200 to 440 V)

Rating	3P 3d	4P 3d, 4d, 3d + N/2
40	LV429975	LV429985
100	LV429974	LV429984

Compact NSX160B (25 kA at 380/415 V) MH Vigi add-on (200 to 440 V)

Rating	3P 3d	4P 3d, 4d, 3d + N/2
40	LV430962	LV430997
100	LV430961	LV430996
160	LV430960	LV430995

Compact NSX250B (25 kA at 380/415 V) MH Vigi add-on (200 to 440 V)

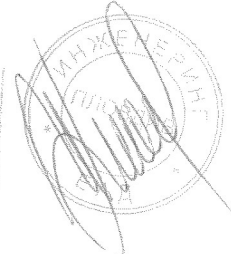
Rating	3P 3d	4P 3d, 4d, 3d + N/2
100	LV431977	LV431987
160	LV431976	LV431986
250	LV431975	LV431985

With electronic trip unit Micrologic 5.2 A or 5.2 E (LSI protection, ammeter or energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit



ВЕРНО С ОРИГИНАЛОМ

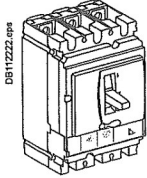


Complete fixed device

Compact NSX100/160/250F (36 kA 380/415 V)

Compact NSX100/160/250F

With thermal-magnetic trip unit TM-D



Compact NSX100F (36 kA at 380/415 V)

Rating	3P 2d	3P 3d	4P 3d	4P 4d
TM16D	LV429627	LV429637	LV429647	LV429667
TM25D	LV429626	LV429636	LV429646	LV429666
TM32D	LV429625	LV429635	LV429645	LV429665
TM40D	LV429624	LV429634	LV429644	LV429664
TM50D	LV429623	LV429633	LV429643	LV429663
TM63D	LV429622	LV429632	LV429642	LV429662
TM80D	LV429621	LV429631	LV429641	LV429661
TM100D	LV429620	LV429630	LV429640	LV429660

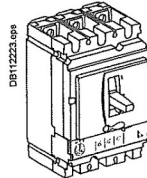
Compact NSX160F (36 kA at 380/415 V)

Rating	3P 2d	3P 3d	4P 3d	4P 4d
TM80D	LV430623	LV430633	LV430643	LV430663
TM100D	LV430622	LV430632	LV430642	LV430662
TM125D	LV430621	LV430631	LV430641	LV430661
TM160D	LV430620	LV430630	LV430640	LV430660

Compact NSX250F (36 kA at 380/415 V)

Rating	3P 2d	3P 3d	4P 3d	4P 4d
TM125D	LV431623	LV431633	LV431643	LV431663
TM160D	LV431622	LV431632	LV431642	LV431662
TM200D	LV431621	LV431631	LV431641	LV431661
TM250D	LV431620	LV431630	LV431640	LV431660

With electronic trip unit Micrologic 2.2 (LS, I protection)



Compact NSX100F (36 kA at 380/415 V)

Rating	3P 3d	4P 3d, 4d, 3d + N/2
40	LV429772	LV429782
100	LV429770	LV429780

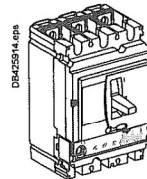
Compact NSX160F (36 kA at 380/415 V)

Rating	3P 3d	4P 3d, 4d, 3d + N/2
100	LV430771	LV430781
160	LV430770	LV430780

Compact NSX250F (36 kA at 380/415 V)

Rating	3P 3d	4P 3d, 4d, 3d + N/2
100	LV431772	LV431782
160	LV431771	LV431781
250	LV431770	LV431780

With electronic trip unit Micrologic Vigi 4.2 (LS, IR protection)



Compact NSX100F (36 kA 380/415V)

Rating	3P 3d	4P 4d, 3d + N/2
40 A	LV433826	LV433834
100 A	LV433827	LV433835

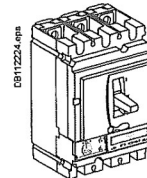
Compact NSX160F (36 kA 380/415V)

Rating	3P 3d	4P 4d, 3d + N/2
100 A	LV433828	LV433836
160 A	LV433829	LV433837

Compact NSX250F (36 kA 380/415V)

Rating	3P 3d	4P 4d, 3d + N/2
100 A	LV433830	LV433838
160 A	LV433831	LV433839
250 A	LV433832	LV433840

With electronic trip unit Micrologic 5.2 A (LSI protection, ammeter)



Compact NSX100F (36 kA at 380/415 V)

Rating	3P 3d	4P 3d, 4d, 3d + N/2, 3d + OSN
40	LV429882	LV429887
100	LV429880	LV429885

Compact NSX160F (36 kA at 380/415 V)

Rating	3P 3d	4P 3d, 4d, 3d + N/2, 3d + OSN
100	LV430881	LV430886
160	LV430880	LV430885

Compact NSX250F (36 kA at 380/415 V)

Rating	3P 3d	4P 3d, 4d, 3d + N/2, 3d + OSN
100	LV431862	LV431867
160	LV431861	LV431866
250	LV431860	LV431865

With electronic trip unit Micrologic 5.2 E (LSI protection, energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

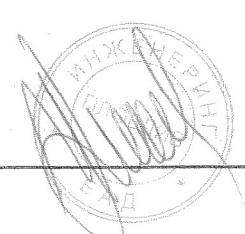
With electronic trip unit Micrologic 6.2 A (LSIG protection, ammeter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

With electronic trip unit Micrologic 6.2 E (LSIG protection, energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

ВЕРНО СОПРИГИНАЛА



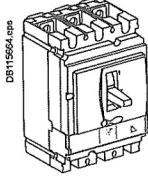
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Complete fixed device

Compact NSX100/160/250F (36 kA 380/415 V)

Compact NSX100/160/250F

With magnetic trip unit MA



Compact NSX100F (36 kA at 380/415 V)

Rating	3P 3d
MA2.5	LV429745
MA6.3	LV429744
MA12.5	LV429743
MA25	LV429742
MA50	LV429741
MA100	LV429740

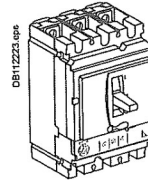
Compact NSX160F (36 kA at 380/415 V)

Rating	3P 3d
MA100	LV430831
MA150	LV430830

Compact NSX250F (36 kA at 380/415 V)

Rating	3P 3d
MA150	LV431749
MA220	LV431748

With electronic trip unit Micrologic 2.2 M (LS_o motor protection)



Compact NSX100F (36 kA at 380/415 V)

Rating	3P 3d
25 A	LV429828
50 A	LV429827
100 A	LV429825

Compact NSX160F (36 kA at 380/415 V)

Rating	3P 3d
100 A	LV430986
150 A	LV430985

Compact NSX250F (36 kA at 380/415 V)

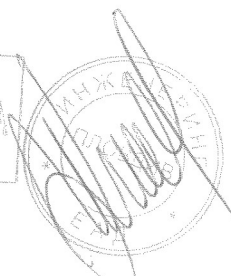
Rating	3P 3d
150 A	LV431161
220 A	LV431160

With electronic trip unit Micrologic 6.2 E-M (LSIG motor protection, energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit



ВЯРНО С ОРИГИНАЛА

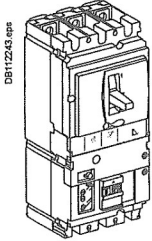


Complete fixed device

Compact NSX100/160/250F Vigi add-on (36 kA 380/415 V)

Compact NSX100/160/250F Vigi add-on

With thermal-magnetic trip unit TM-D



Compact NSX100F (36 kA at 380/415 V) MH Vigi add-on (200 to 440 V)

Rating	3P 3d	4P 3d	4P 4d
TM16D	LV429937	LV429947	LV429957
TM25D	LV429936	LV429946	LV429956
TM32D	LV429935	LV429945	LV429955
TM40D	LV429934	LV429944	LV429954
TM50D	LV429933	LV429943	LV429953
TM63D	LV429932	LV429942	LV429952
TM80D	LV429931	LV429941	LV429951
TM100D	LV429930	LV429940	LV429950

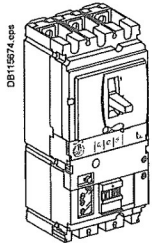
Compact NSX160F (36 kA at 380/415 V) MH Vigi add-on (200 to 440 V)

Rating	3P 3d	4P 3d	4P 4d
TM80D	LV430933	LV430943	LV430953
TM100D	LV430932	LV430942	LV430952
TM125D	LV430931	LV430941	LV430951
TM160D	LV430930	LV430940	LV430950

Compact NSX250F (36 kA at 380/415 V) MH Vigi add-on (200 to 440 V)

Rating	3P 3d	4P 3d	4P 4d
TM125D	LV431933	LV431943	LV431953
TM160D	LV431932	LV431942	LV431952
TM200D	LV431931	LV431941	LV431951
TM250D	LV431930	LV431940	LV431950

With electronic trip unit Micrologic 2.2 (LS₀I protection)



Compact NSX100F (36 kA at 380/415 V) MH Vigi add-on (200 to 440 V)

Rating	3P 3d	4P 3d, 4d, 3d + N/2
40 A	LV429972	LV429982
100 A	LV429970	LV429980

Compact NSX160F (36 kA at 380/415 V) MH Vigi add-on (200 to 440 V)

Rating	3P 3d	4P 3d, 4d, 3d + N/2
40 A	LV430973	LV430983
100 A	LV430971	LV430981
160 A	LV430970	LV430980

Compact NSX250F (36 kA at 380/415 V) MH Vigi add-on (200 to 440 V)

Rating	3P 3d	4P 3d, 4d, 3d + N/2
100 A	LV431972	LV431982
160 A	LV431971	LV431981
250 A	LV431970	LV431980

With electronic trip unit Micrologic 5.2 A or 5.2 E (LSI protection, energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

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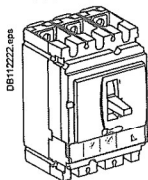
ВЯРНО С ОРИГИНАЛА

Complete fixed device

Compact NSX100/160/250N (50 kA 380/415 V)

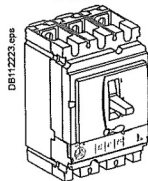
Compact NSX100/160/250N

With thermal-magnetic trip unit TM-D



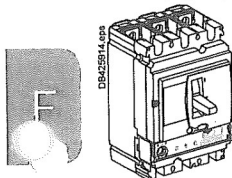
Compact NSX100N (50 kA at 380/415 V)			
Rating	3P 3d	4P 3d	4P 4d
TM16D	LV429847	LV429857	LV429867
TM25D	LV429846	LV429856	LV429866
TM32D	LV429845	LV429855	LV429865
TM40D	LV429844	LV429854	LV429864
TM50D	LV429843	LV429853	LV429863
TM63D	LV429842	LV429852	LV429862
TM80D	LV429841	LV429851	LV429861
TM100D	LV429840	LV429850	LV429860
Compact NSX160N (50 kA at 380/415 V)			
Rating	3P 3d	4P 3d	4P 4d
TM80D	LV430843	LV430853	LV430863
TM100D	LV430842	LV430852	LV430862
TM125D	LV430841	LV430851	LV430861
TM160D	LV430840	LV430850	LV430860
Compact NSX250N (50 kA at 380/415 V)			
Rating	3P 3d	4P 3d	4P 4d
TM125D	LV431833	LV431843	LV431853
TM160D	LV431832	LV431842	LV431852
TM200D	LV431831	LV431841	LV431851
TM250D	LV431830	LV431840	LV431850

With electronic trip unit Micrologic 2.2 (LS₀I protection)



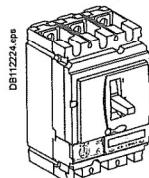
Compact NSX100N (50 kA at 380/415 V)			
Rating	3P 3d	4P 3d	4P 3d, 4d, 3d + N/2
40 A	LV429797	LV429797	LV429807
100 A	LV429795	LV429795	LV429805
Compact NSX160N (50 kA at 380/415 V)			
Rating	3P 3d	4P 3d	4P 3d, 4d, 3d + N/2
100 A	LV430776	LV430776	LV430786
160 A	LV430775	LV430775	LV430785
Compact NSX250N (50 kA at 380/415 V)			
Rating	3P 3d	4P 3d	4P 3d, 4d, 3d + N/2
100 A	LV431872	LV431872	LV431877
160 A	LV431871	LV431871	LV431876
250 A	LV431870	LV431870	LV431875

With electronic trip unit Micrologic Vigi 4.2 (LS₀IR protection)



Compact NSX100N (50 kA 380/415V)			
Rating	3P 3d	4P 4d, 3d + N/2	
40 A	LV433842	LV433850	
100 A	LV433843	LV433851	
Compact NSX160N (50 kA 380/415V)			
Rating	3P 3d	4P 4d, 3d + N/2	
100 A	LV433844	LV433852	
160 A	LV433845	LV433853	
Compact NSX250N (50 kA 380/415V)			
Rating	3P 3d	4P 4d, 3d + N/2	
100 A	LV433846	LV433854	
160 A	LV433847	LV433855	
250 A	LV433848	LV433856	

With electronic trip unit Micrologic 5.2 A (LSI protection, ammeter)



Compact NSX100N (50 kA at 380/415 V)			
Rating	3P 3d	4P 3d, 4d, 3d + N/2, OSN	
40 A	LV429892	LV429897	
100 A	LV429890	LV429895	
Compact NSX160N (50 kA at 380/415 V)			
Rating	3P 3d	4P 3d, 4d, 3d + N/2, OSN	
100 A	LV430891	LV430896	
160 A	LV430890	LV430895	
Compact NSX250N (50 kA at 380/415 V)			
Rating	3P 3d	4P 3d, 4d, 3d + N/2, OSN	
100 A	LV431882	LV431887	
160 A	LV431881	LV431886	
250 A	LV431880	LV431885	

With electronic trip unit Micrologic 5.2 E (LSI protection, energy meter)

- To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit
- With electronic trip unit Micrologic 6.2 A (LSIG protection, ammeter)
- To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit
- With electronic trip unit Micrologic 6.2 E (LSIG protection, energy meter)
- To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

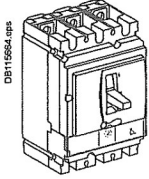


Complete fixed device

Compact NSX100/160/250N (50 kA 380/415 V)

Compact NSX100/160/250N

With magnetic trip unit MA



Compact NSX100N (50 kA at 380/415 V)

Rating	3P 3d
MA2.5	LV429755
MA6.3	LV429754
MA12.5	LV429753
MA25	LV429752
MA50	LV429751
MA100	LV429750

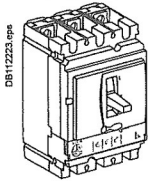
Compact NSX160N (50 kA at 380/415 V)

Rating	3P 3d
MA100	LV430833
MA150	LV430832

Compact NSX250N (50 kA at 380/415 V)

Rating	3P 3d
MA150	LV431753
MA220	LV431752

With electronic trip unit Micrologic 2.2 M (LS_oI motor protection)



Compact NSX100N (50 kA at 380/415 V)

Rating	3P 3d
25 A	LV429833
50 A	LV429832
100 A	LV429830

Compact NSX160N (50 kA at 380/415 V)

Rating	3P 3d
100 A	LV430989
150 A	LV430988

Compact NSX250N (50 kA at 380/415 V)

Rating	3P 3d
150 A	LV431166
220 A	LV431165

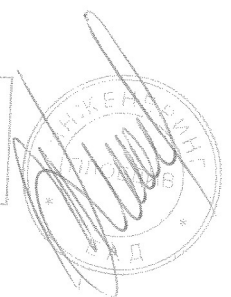
With electronic trip unit Micrologic 6.2 E-M (LSIG motor protection, energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

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ВЯРНО С ОРИГИНАЛА



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