OJON Indoor type Disconnectors

Catalogue







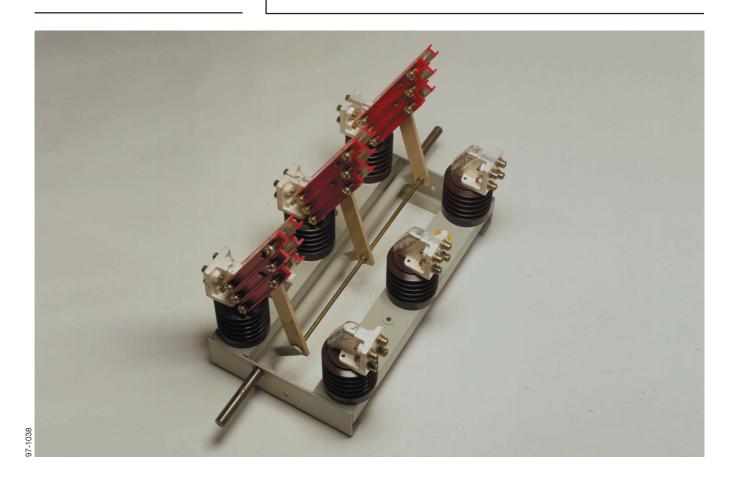
1...24 kV

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1...24 kV



General

Compact dimensions, direct current paths, double-knife construction and cast resin insulators are common to all OJON -type disconnectors.

The high short circuit strength of these disconnectors is a result of these features. Contact pressure is achieved by spiral springs which compress the knives.

Silver-plating prevents the contact area of the contact and knives from ageing, and keeps the temperature rise within the limits set by the standards. Owing to the double-knife construction, forces needed to operate the disconnectors remain moderate even at high rated currents.

The operating levers of the disconnectors can be mounted on a flat

base. Busbar joints OJON–ZWJ 5 and 6 may be used for disconnectors rated 2500 A and 4000 A. The frames and levers of the disconnectors are painted green, and the shaft terminals are treated with anti-rust varnish. The knives are painted red, which makes their position clearly visible and gives a pleasant look to the whole disconnector.

The contacts of the disconnectors are made of copper bar for 630 A and of cast copper for 1000...4000 A. Aluminium busbars can be connected, using jointing grease, to 630...1600 A, disconnectors, OJON–ZWJ 5 and 6 terminals and earthing switches.

Special features of OJON disconnectors

- high short-circuit strength
- versatile control devices
- suitable for aluminium busbars
- compact dimensions
- silver-plated contacts
- cast resin insulators
- direct current paths
- double-knife construction
- red knives position clearly indicated

Indoor type Disconnectors

Technical data and ordering information

Standards and operating conditions

The disconnectors meet the requirements of IEC Publ. 129 (1984) and the Safety Regulations of the Finnish Electrical Inspectorate (Sähköturvallisuusmääräykset). In accordance with the standards, the ambient site temperature for indoor disconnectors, must be –25 °C...+35 °C, and the access of unusually high quantities of dust, smoke, caustic gasses and humidity to the site must be prevented.

Disconnectors OJON 3–1 A 1000, OJON 3–1/1600, OJON 3–1 A 2500 and OJON 3–1 A 4000 have been approved by the Register of Shipping of the U.S.S.R.

Mounting

Normally the disconnectors are mounted in the upright position with the hinges at the bottom. Other positions are also possible provided that the operating or locking device ensure that the knives stay in the open or closed position. Wall mounting with the knives in a horizontal position must, however, be avoided, as the knives may bend down sideways from the bearings.

Ordering information

- Type and quantity.
- Rated voltage U_r.
 See tables 1 and 2, pages 4 and 5.
- 3. Rated current I_r .
- Rated peak withstand current I_p.
 I_p of the disconnector > network impulse short-circuit current I_s.
 The distance of the nearest post insulator is shown in table 2.
- 5. Rated short-time withstand current I_k . I_k of the disconnector \geq network I_{1s} . I_k is given in table 2 as 1 s value. Any other length of continuous short-circuit current I_{k2} of the network is reduced to 1 s value with the formula below.

The formula is valid when the duration of $t_{k2} > 1s$. $I_k = I_{k2} \sqrt{t_{k2}} / s$. t_k is the duration of I_{k2} .

6. Accessories: see table 3 on page 6.

Operating voltage and voltage withstand levels

In accordance with IEC 694 (1980)

Table 1

Highest permissible operating voltage Withstand voltages		3.6 kV	12 kV	24 kV
Lighting impulse voltage 1.2/50 μs Across the isolating distance Between phases and to earth	23	46	85	145
	20	40	75	125
Power-frequency voltage 1 min Across the isolating distance Between phases and to earth	12	12	32	60
	10	10	28	50

Indoor type disconnectors

Technical data and ordering information

Technical data

Table 2

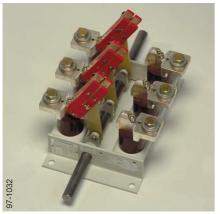
Type OJON	Rated voltage	Rated normal current	Rated short-time current r.m.s. kA 1s	Rated peak withstand current	Distance of nearest post insulator from diconnector post insulator	Control torque	Isolating distance	Weight kg	Commercial code
3-1A1000	1	1000/1250 2)	50	100	360 mm	40 <u>+</u> 20	60	17	
3-1/1600	1	1600/2000 2)	80	120	400 mm	50 <u>+</u> 20	70	43	
3-1A2500	1 1)	2500/2900 2)	90	150	350 mm	70 + 30	70	49	
3-1A4000	1 1)	4000/4600 2)	90	150	350 mm	130 ± 40	65	65	
3-10/630	12	630	31,5	80	3 x a	40 ± 10	145	20	
3-10/1000	12	1000	40	100	3 x a	45 <u>+</u> 15	165	35	
3-10/1600	12	1600	50	100	3 x a	60 + 20	160	52	
3-12A2500	12	2500	60	150	3 x a	150 ± 30	140	71	
3-12A4000	12	4000	60	150	3 x a	160 <u>+</u> 30	155	90	
3-24A630	24	630	20	50	3 x a	45 <u>+</u> 15	265	25	
3-20/1000	24	1000	30	75	3 x a	60 <u>+</u> 20	270	48	
3-20/1600	24	1600	40	100	3 x a	100 + 20	265	65	
3-24A2500	24	2500	60	150	3 x a	180 <u>+</u> 30	240	87	
3-24A4000	24	4000	60	150	3 x a	200 <u>+</u> 40	260	109	

a = phase distance

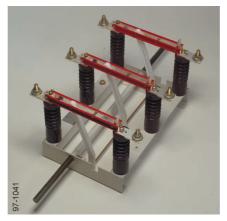
- (1) Highest permissible operating voltage 3.6 kV, see table 1 page 4.
- (2) Higher value in acc. with IEC Publ. 408 (1972) when Un ≤ 660 V.

Note: We can also deliver disconnectors with larger phase distances than detailed in the dimension drawings.

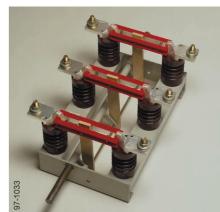
Single pole disconnector current values are the same as the corresponding three phase unit detailed in the table.







OJON 3-24 A 630



OJON3-10/1000

Indoor type disconnectors Accessories

Technical data and ordering information

Table 3

			Disconnenctor										Earthing	switches				
		N 3-1 A 1000	N 3-1/1600	N 3-1 A 2500	N 3-1 A 4000	N 3-10/630	N 3-10/1000	N 3-10/1600	N 3-12 A 2500	N 3-12 A 4000	N 3-24 A 630	N 3-20/1000	N 3-20/1600	OJON 3-24 A 2500	OJON 3-24 A 4000	OJO-ZMA 10	OJO-ZMA 38	o.
Description	Туре	NOCO	NOCO	NOCO	NOCO	NOCO	NOCO	NOCO	NOCO	NOCO	NOCO	NOCO	NOCO	99	000	920	000	Page
Terminals	OJON–ZWJ 5 ¹)			o					О					0				24
	OJON–ZWJ 6 1)				0					o					o			24
Earthing switches	OJO-ZMA 10					o												7,25
Latting Switches	OJO-ZMA 38										0							7, 25
Operating arm	YASKA 25	0	o	0	0	0	0	o	0	0	0	o	0	0	0	0	0	7, 26
Insulated operating rod	NWA-ZS 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,26
	NWA-ZS 6	0	О	o	0													7, 26
Operating hook	NWA-ZH 6	0	О	o	0	0	o	o	o	0	0	О	o	o	О	o	o	7, 26
Manual operating mechanism	OJO-ZA 1 ²)	0	o	o	0	0	o	o	o	0	0	o	0	0	o	0	o	7
	UEKO 2C3					0	0	o	o	0	0	o	0	0	o	0	o	8
Auxiliary switch	OLAN_AL 1	0	О	o	0	0	О	o	o	0	0	o	О	o	О	o	o	10
	OLAN+OLAN-ZT4					0	0	0	o	0	0	0	0	0	0			11
Connecting levers + frame	OJO-ZAY 11 ⁴)	0	o	o	0	o	o	o	o	o	0	o	0	0	o	0	0	35
Locking device	OJO-ZE 1 ³)					0	О	О			0	О	0					29
	OJO-ZE 2 ³)								o	0				0	0			29
Locking coil	OJO-ZLA 3 ⁴)	0	0	o	0	0	0	0	0	0	0	o	0	0	0	0	0	12, 30
Locking Coll	OJO-ZLA 6 ⁵)					0	o	o	o	0	0	o	0	0	o			12, 30
	UEKO-ZL 1 ⁶)					0	О	o	o	0	0	o	0	o	o	o	o	12, 31
Extension shaft	BDAM 25 x L	0	О	o	0	o	o	o	О	o	o	О	0	О	О	o	o	13
Joint sleeve for extension shaft	OJE-ZAA 25	0	o	0	0	0	0	0	0	0	0	o	0	0	0	0	0	13, 32
Support bearing	OJO-ZU 3					0	О	О	О	0	0	О	0	О	О	o	О	13, 32

- 1) Also applicable for aluminium busbars.
- 2) Depending on the mounting of the operating mechanism, the operating lever may turn below the mounting level.
- 3) Prevents the horizontally mounted disconnector from closing under its own weight.
- 4) For manual operating mechanism OJO-ZA 1.
- 5) Mounted on the side plate of the disconnector.
- 6) For use with manual operating mechanism UEKO 2C3.

Accessories Earthing knives, operating arms and manual operating devices

Technical data and ordering information



Disconnector fitted with earthing knives



Motor operating mechanism UEMC 40_



Manual operating mechanism OJO-ZA 1 with accessories



Manual operating mechanism and angle link

Earthing Knives

As shown in table 3 (page 6) the $630 \, \text{A}$ OJON_ disconnectors can be supplied with either an upper or lower earthing knives. Earthing knives have the same short-circuit strength as the corresponding disconnectors.

The main switch and earthing knives are interlocked with a locking device so that they cannot be closed simultaneously. The locking device is normally on the left side of the disconnectors. A locking device prevents the earthing knife from opening and closing under its own weight.

Disconnector control

The following can be used as an operating mechanism for the disconnectors:

- $-\,$ operating rod NWA–ZS 5 (>1 kV) or NWA-ZS 6 (\leq 1 kV) and hook end NWA–ZH 6 and arm YASKA 25
- manual operating mechanism OJO-ZA 1 or UEKO 2C3
- motor-operated control mechanism UEMC 40_. Refer to catalogue 34 UEMC 36_ and 34 UEMC 44_.

Motor Operating device UEMC 40_

The type and construction of motor operating device depends on the location and accessories required. The device can be fitted to the disconnector shaft or the front of the cubicle. When mounting on the shaft, check that there is enough space between the disconnector shaft and mounting surface. When the motor operating device is fitted on the front of the cubicle, the drive is transfered using a lever system. Local electrical control (Pushbuttons) of the operating device is available.

Manual operation is also possible by using an operating rod or control handle when a motor operating device is fitted.

Operating arm

The simplest control mechanism is an operating arm and an operating rod. Opening of the disconnector can be prevented with locking coil OJO–ZLA 6.

Manual operating mechanism, alternative A, OJO-ZA 1

The manual operating mechanism OJO–ZA 1 for mounting on the front wall of the cubicle, interlocks the disconnector in the extreme positions with the help of a stall lever. A suspended pin ensures retention in these positions. The end that comes through the front panel of the cubicle is covered with a protective cover that can be locked with a padlock. The manual operating mechanism can be supplied both with locking coil OKO–ZLA 3 and auxiliary switch OLAN–AL 1. When there is no auxiliary voltage, the interlock (of the locking coil) can be opened manually. In accordance with the standards, the closing movement of the disconnector is from down-position to up-position.

Accessories Earthing knives, operating arms and manual operating devices

Technical data and ordering information



Manual operating mechanism, alternative B, UEKO 2C3

This manual operating mechanism comprises of a beveled gear on the end of a shaft from the disconnector, a joint fitted with a position indicator on the front panel and a control tube joining the two parts. Due to the joint, the control tube can be moved through an angle of ±40 degrees from the verticle position. The tube is to be cut to a suiatble length when installing. The indicator locks the disconnector in the extreame positions. The operating mechanism may also be locking with a locking coil UEKO-ZL 1 and padlock. By turning the angle of the beveled gears the operating direction of the disconnector can be adjusted to always be the same.

Ordering information

Alternative A

- 1. Quantity and type designation.
- 2. Types of shaft and intermediate rods. (Dimensions for A and B given in the table below and in drawing on page 35).
- 3. Type of support bearing.
- 4. Accessories (e.g operating handle) see page 6.

Alternative B

- 1. Quantity and type designation.
- 2. Tube length 2500 mm if the standard lenght of 1500 mm is too short.
- 3. Additional accessories on page 6.

Delivery lengths

Dimension A	Alternatives: OJO-ZAA 1 x 12 1 x 18	00 shaft 00	, A max , "	= 1200 mm = 1800 mm
	Alternatives:			
Dimension B	OJO–ZAW 1 x 15 1 x 70	0 flat intermediate bar 0	, B max	= 230 mm = 780 mm
	OJO–ZAW 2 x 13 2 x 18 2 x 28		11 7 11 5 11	= 1380 mm = 1880 mm = 2880 mm

NOTE!

If dimensions A and B differ from the standard dimensions the next standard size will be cut to a suitable length when mounting. Fine adjustment of the intermediate bars is between ± 20 mm.

Accessories

Support bearing Technical data and ordering information

Support bearting

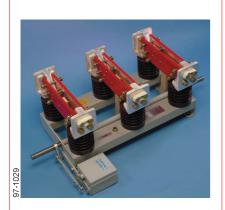
Description	Туре	Application	Page
Support bearing	OJO-ZU3	OJON 3–10 24_	32

To be ordered separately

Description	Туре	Application, OJO-ZA1 (UEKO 2C3)	Page
Auxiliary switch	OLAN 6 AL 1 OLAN 9 AL 1	6 change-over contacts 9 change-over contacts	27 35
Power reduction levers and frame	OJO-ZAY11	For auxiliary switch	35
Locking coil	OJO-ZLA3 UEKO-ZL1	Locks the manual operating mechanism (UEKO 2C3) into the extreme positions	30
Angle link	YAEWK 3		26
Tubular intermediate bar	OJ-ZDU 7 x 1500 OJ-ZDU 7 x 2500	Cut off to a suitable length when mounting. C can be min. 550 mm.	35
Operating handle	OJO-ZAK1 OJO-ZAK2 UEKO-ZK1	OJO ZA 1 OJO-ZA 1 (UEKO 2C3)	26

Auxiliary switches

Technical data and ordering information



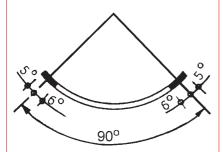
OLAN 6 AL 1, OLAN–ZT 4 and YAWAS 6 fitted to OJON 3-12 A 4000 disconnector

Auxiliary switches

Auxiliary switch OLAN-AL 1 can be fixed to the cubicle wall, in connection with manual operating mechanism or to the frame of the disconnector. The movement is transmitted from the shaft of the disconnector or manual mechanism to the switch with levers and intermediate bars. Switches are available with 6 or 9 change-over contacts. The contacts are silver-plated and are double breaking. Protection class is IP20.

Technical details of auxiliary switches

Insulation class	500 V			
Continious load current	16 A			
Breaking capacity over 5000 breaks when L/R < 40 ms				
24 V-	16 A			
60 V–	10 A			
110 V-	5 A			
220 V-	2 A			
Mechanical life 10 000 operations				



Contact diagram

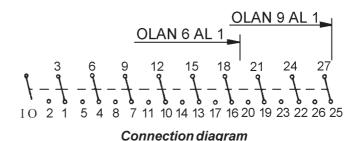
Position indication

The auxiliary switch has a position indicator which can be used when adjusting the movement transmission levers. The contact diagram shows the operation of the contacts as the function of the turning angle of the control lever

To be ordered separately

Terminals and cable glands
 Universal tube terminal
 Pica sensor
 MRRNL 16 tai 21
 MRPA 16 tai 21
 RPLA 16 tai 23

For additional parts see page 11



The largest conductor size that can be connected is 4 square mm.

Auxiliary switches Additional parts Technical data and ordering information

Additional Parts

Mounting of	Parts		Note	Page
auxiliary switch	Description	Туре		
To manual operating mechanism OJO–ZA 1	Transmission levers with frame	OJO-ZAY11		35
	Adjustable lever	YAWAS 6	Models of installation p.20	29
For fixing on OJON 3–1024 kV disconnector	Support and intermediate link	OLAN-ZT4	1. 6304000 A 2. 6304000 A 3. 6301000 A on the left or the right side. Choise of mode of installation as effect by the placing of the earthing switches, locking coil and chock absorber.	28
			OJON 3-10 + OLAN 9- only mode 3 and 4 of installation.	
For separate mounting	Intermediate bar	OJ–ZDU 3x2000 OJ–ZDU 4x2000	The bar is to be cut to a suitable length when mounting	28
	Adjustable lever	YAWAS 6	For shaft diam. 25	

Interlocking

Technical data and ordering information



Locking device, arm and auxiliary contacts fitted on OJON 1-10/630/E1

Interlocking

The use of locking devices in connection with different disconnectors is detailed in table 3, page 6.

A. Disconnector interlocking when subject to gravity or short-circuit and other disturbances

When operating arm controlled, the disconnectors are interlocked with locking device OJO-ZE or locking coil OKO-ZLA 6. When the disconnector is mounted in a horizontal plane, locking device OJO-ZE must always be used to prevent the knives from closing under their own weight. Manual operating mechanism OJO-ZA 1 locks the disconnector in the closed and the open position with no additional equipment.

B. Disconnector interlocking to prevent unintentional

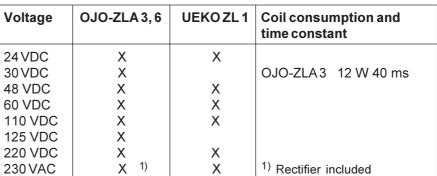
When operating arm controlled, locking coil OJO-ZLA 6, which is fixed to the frame of the disconnector is used. Manual operating mechanism OJO-ZA 1 can be locked with a padlock or locking coil OJO-ZLA 3. Manual operating mechanism type UEKO 2C3 can be locked with a padlock or locking coil UEKO-ZL 1.

Locking coils

The auxiliary control voltage of locking coils (OJO-ZLA 3 and 6) is either DC or full-wave rectified alternating current. In the absence of voltage, the interlock can be opened by pulling the armature with the operating rod or by hand. Locking coil OJO-ZLA 3 is used with the operating mechanism while locking coil used OJO-ZLA6 is fixed to the left or right side of the disconnector. Locking coil UEKO-ZL1 is to be fitted to the manual operating mechanism UEKO 2C3 position indicating device on the inside of the cubicle.

Voltage of interlockup coil

Voltage	OJO-ZLA 3, 6	UEKO ZL 1	Coil consumption and time constant
24 VDC	X	X	
30 VDC	X		OJO-ZLA3 12 W 40 ms
48 VDC	X	X	
60 VDC	X	X	
110 VDC	X	X	
125 VDC	X		
220 VDC	X	X	
230 VAC	X 1)	X	1) Rectifier included



Ordering information

- 1. Type and quantity
- 2. Coil voltage
- 3. Is locking coil OJO-ZLA 6 on the right or the left side of the disconnector.



99-1

Locking coil OJO-ZLA 3



Locking coil **UEKO-ZL 1**

Interlocking

Technical data and ordering information

98-1034

Extending the shaft

Fuse bases 12 and 24 kV

Extension shaft and support bearing

When needed, the shaft of the disconnector can be extended with extension shaft BDAM 25 x L. Extension sleeve OJE-ZAA 25 with its spring bolt pin and 1 or 2 support bearings OJO-ZU 3 are then needed.

To be ordered separately

Extension shaft dim. 25 x L Dimension L must be given when ordering. Weight: 3.85 kg per meter

Fuse-bases

The frame of the fuse-bases is made of steel plate and the insulators of cast resin. Fuse-links in accordance with DIN 43625 are suitable for the bases.

The fuse bases can be fitted with fuse blown axiliary contacts. The auxiliary contacts are 1 NC rated at 10A.

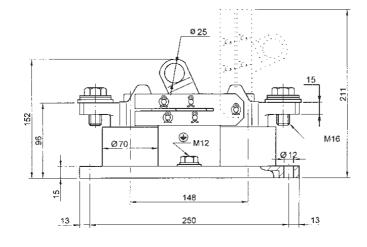
To be ordered separately

Fuse cartridges -EBD CEF_. Refer to brochure CEF_CMF 1. Fuse changing handle O-ZHPA 5

Dimension drawings

OJON 1-1/1000

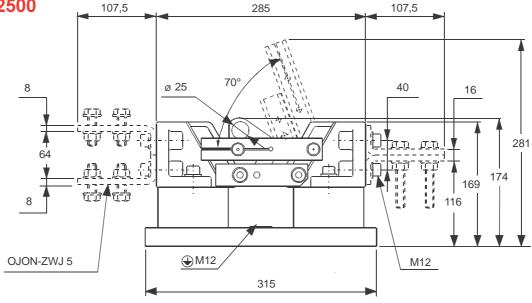
1 kV 1000 A

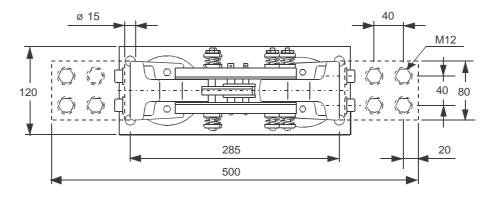


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OJON 1-1 A 2500

1 kV 2500 A



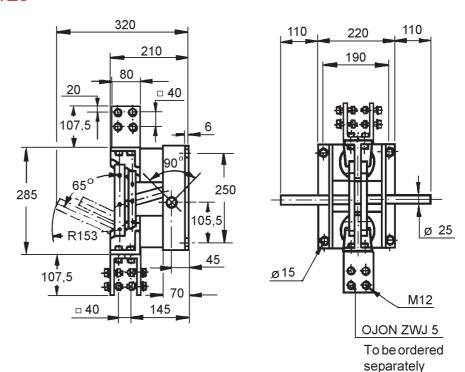


OJON13

Dimension drawings

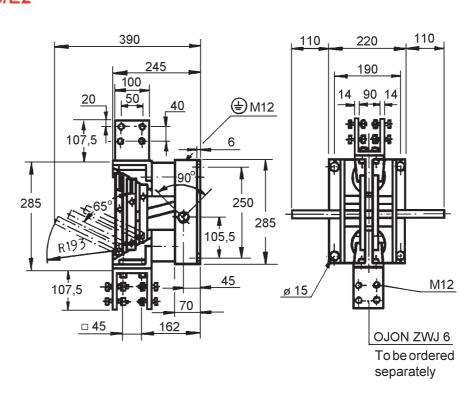
OJON 1-1 A 2500/E3

1 kV 2500 A



OJON 1-1 A 4000/E2

1 kV 4000 A

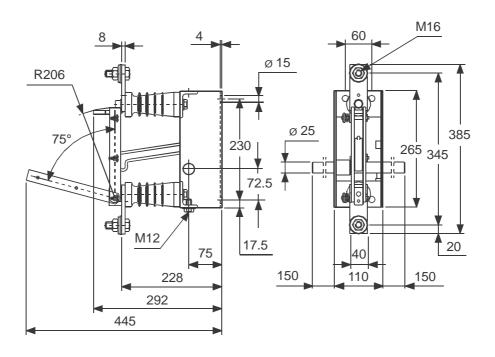


JON 16

Dimension drawings

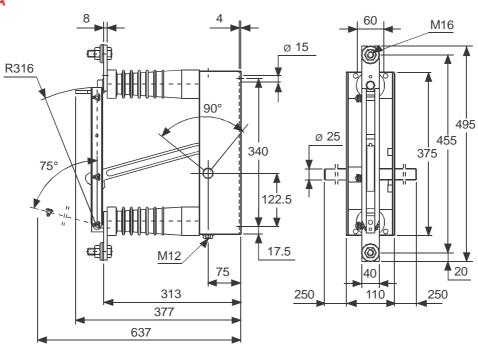
OJON 1-10/630 E1

12 kV 630 A



OJON 1-24/630/E

24 kV 630 A

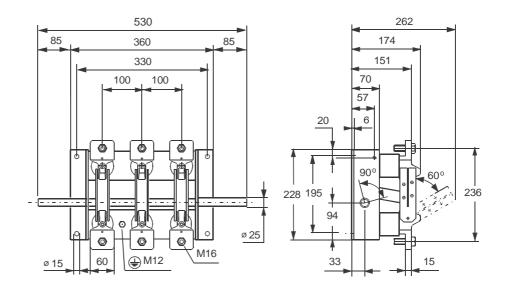


JON11

Dimension drawings

OJON 3-1A 1000

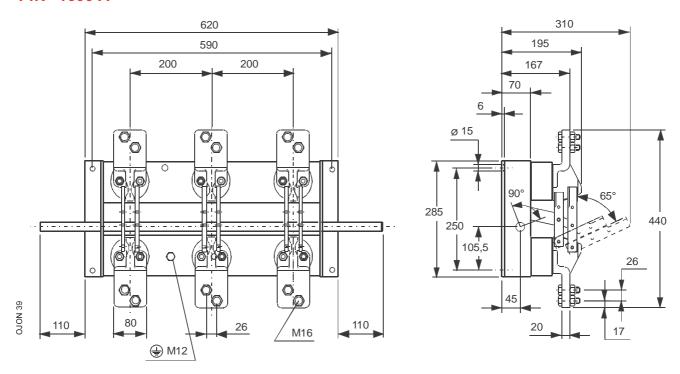
1 kV 1000 A



OOO

OJON 3-1/1600

1 kV 1600 A

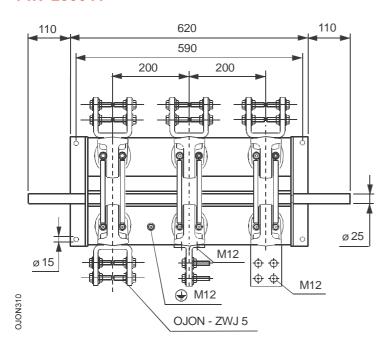


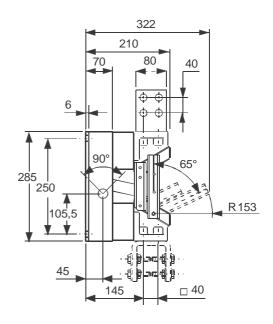
Load type disconnectors OJON 3-1

Dimension drawings

OJON 3-1 A 2500

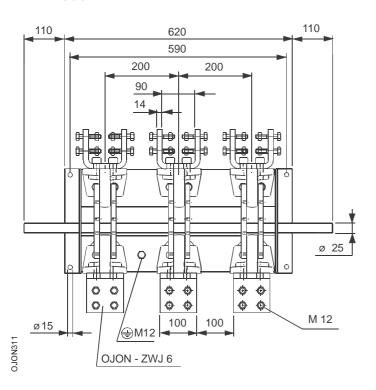
1 kV 2500 A

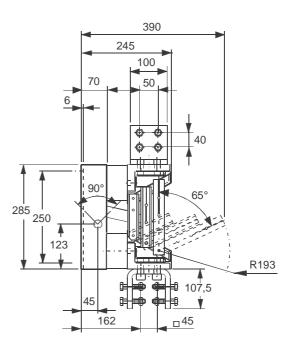




OJON 3-1 A 4000

1 kV 4000 A

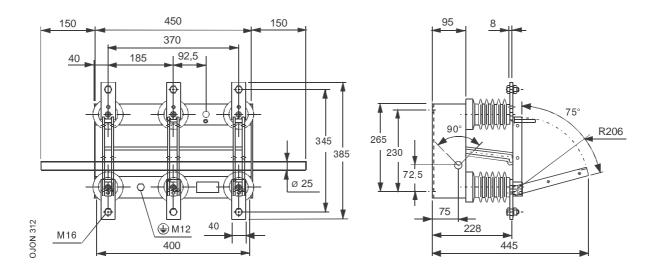




Dimension drawings

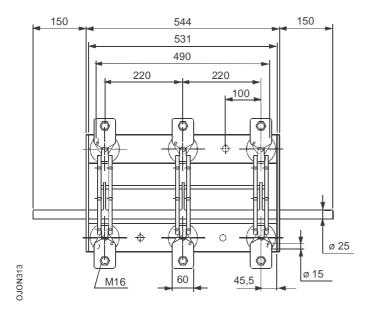
OJON 3-10/630

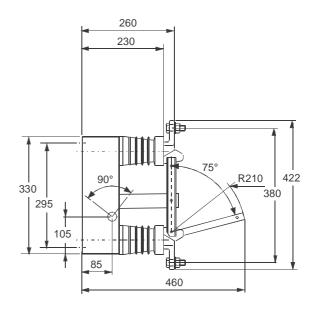
12 kV 630 A



OJON 3-10/1000

12 kV 1000 A

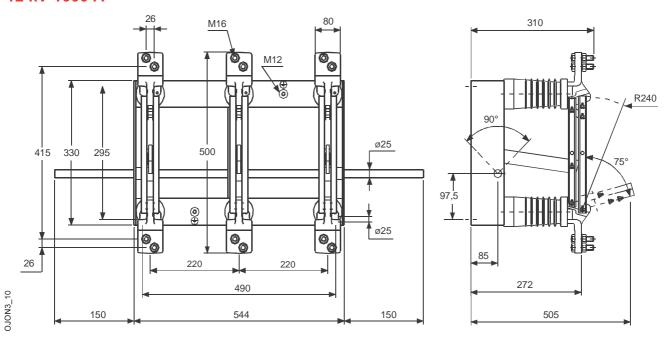




Dimension drawings

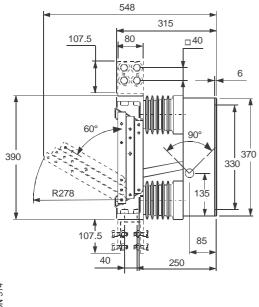
OJON 3-10/1600

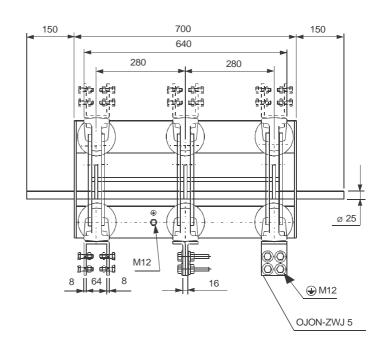
12 kV 1600 A



OJON 3-12 A 2500

12 kV 2500 A

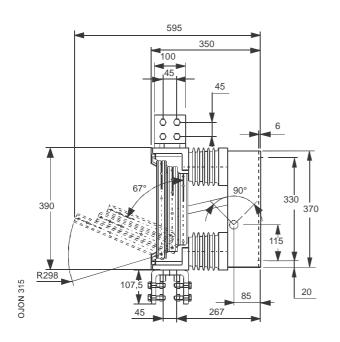


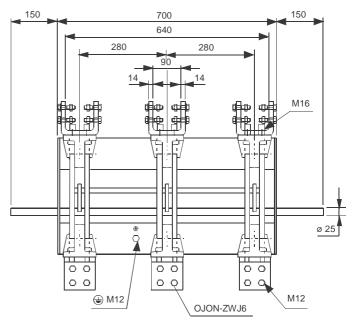


Dimension drawings

OJON 3-12 A 4000

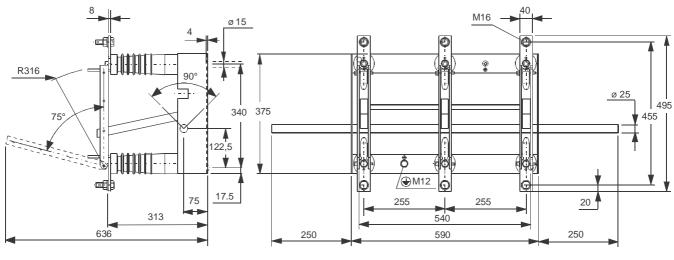
12 kV 4000 A





OJON 3-24 A 630

24 kV 630 A

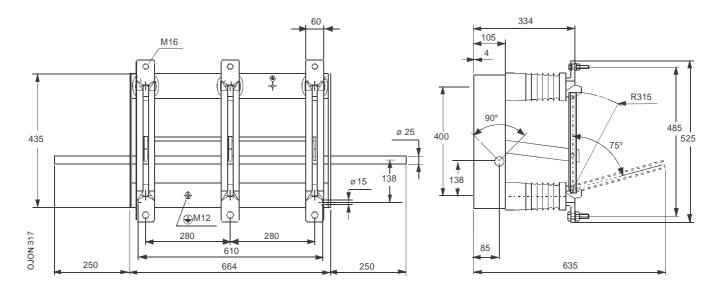


JON 316

Dimension drawings

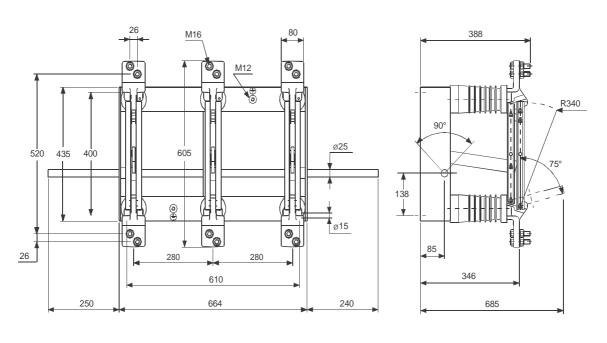
OJON 3-20/1000

24 kV 1000 A



OJON 3-20/1600

24 kV 1600 A

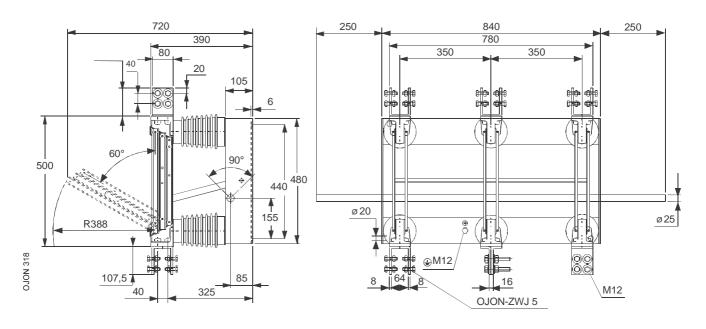


0.ION3 20

Dimension drawings

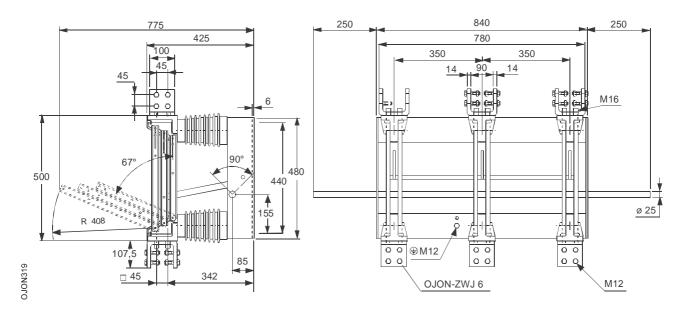
OJON 3-24 A 2500

24 kV 2500 A



OJON 3-24 A 4000

24 kV 4000 A



Terminals

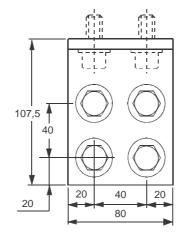
Dimension drawings

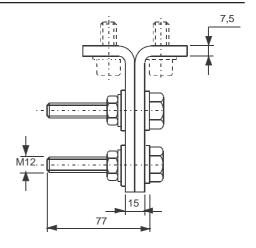
2500 A terminal OJON-ZWJ 5

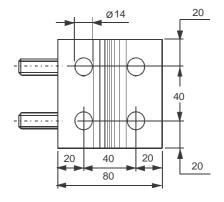
To be ordered as required for 2500 A disconnectors.

Silver plated electrolytic copper.

Weight: 2.1 kg







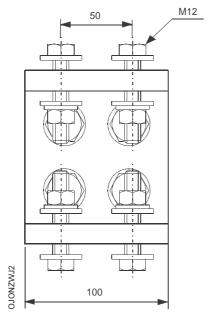
JONZWJ1

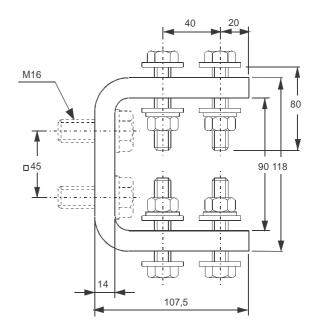
4000 A terminal OJON-ZWJ 6

To be ordered as required for 4000 A disconnectors.

Silver plated electrolytic copper.

Weight: 4.45 kg

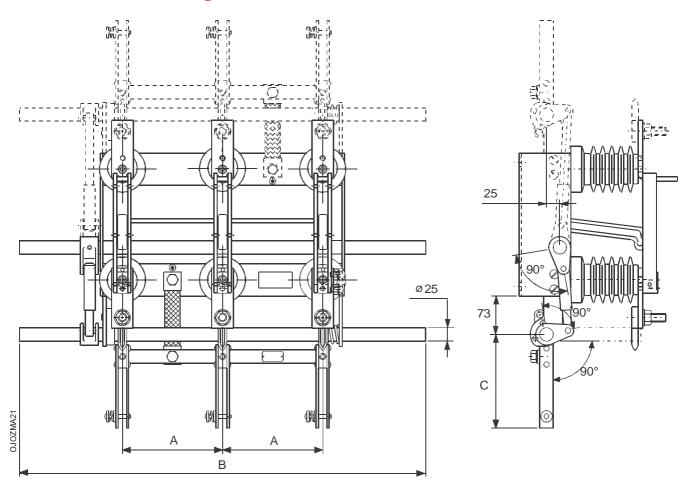




Earthing knives

Dimension drawing

Disconnector earthing knives

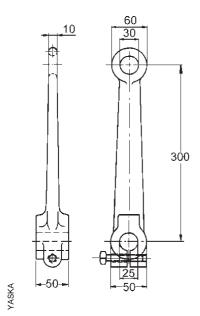


Earthing knife type	Disconnectortype	Α	В	С	kg	Note
OJO-ZMA 10	OJON 3-10/630	185	750	173	9,0	When ordering the position
OJO-ZMA 38	OJON 3-24 A 630	255	1090	258	10,1	of the earthing knife is to be stated (above or below).

Disconnector control

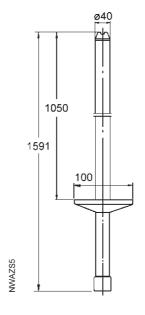
Dimension drawings

Operating arm **YASKA 25**



Weight: 0.9 kg

Operating rod NWA-ZS 5



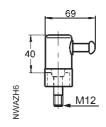
Weight: 1,5 kg

Operating

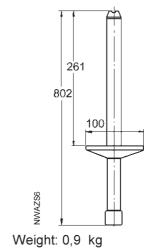
handle

570

Operation hook NWA-ZH6



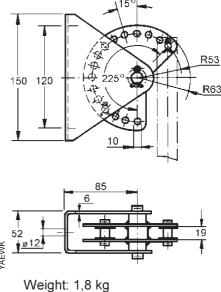
NWA-ZS 6



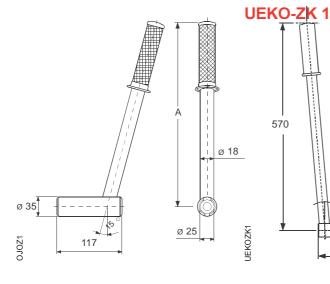
Angle link

YAEWK 3

(Ø 25.0 splined)



Operating handle OJO-ZAK



Weight Type kg OJO-ZAK 1 330 1,2 OJO-ZAK 2 500 1,6

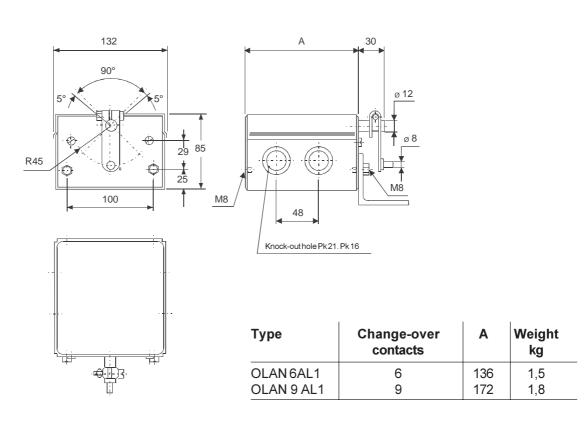
Auxiliary switches

Dimension drawings

Auxiliary switch OFC-ZA 1 OFCRN 12A 3 OFCRN 12A 3 OFCRN 12A 3 OFCRN 24A 3

Auxiliary switch

OLAN-AL 1

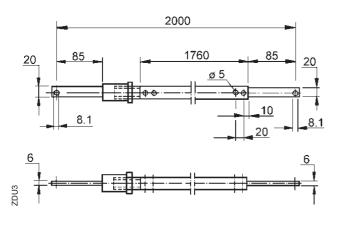


Methods of mounting

Dimension drawing

Intermediate rod

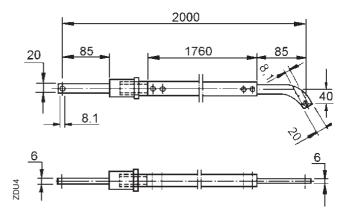
OJ-ZDU 3 x 2000



Adjustment margin ± 15 mm

Weight: 1,6 kg

Intermediate rod OJ-ZDU 4 x 2000

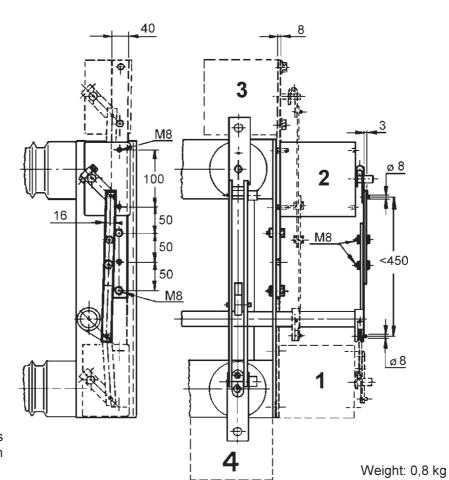


Adjustment margin ± 15 mm

Weight: 1,7 kg

Auxiliary switch support (right)

OLAN-ZT4



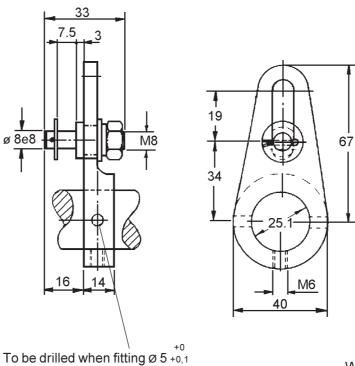
ZT4

If the mounting position is not mentioned it is fitted in position 4.

Methods of mounting and interlocking

Dimension drawings

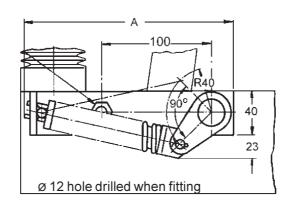
Adjustable lever YAWAS 6

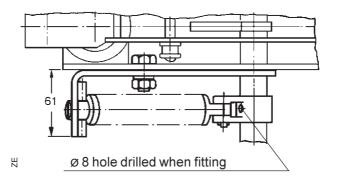


AWAS

Weight: 0,8 kg

Locking device OJO-ZE_



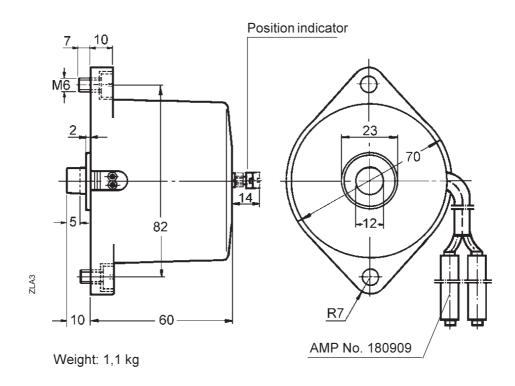


Туре	A mm	Weight kg			
OJO-ZE1	187	1,1			
OJO-ZE2	237	1,3			

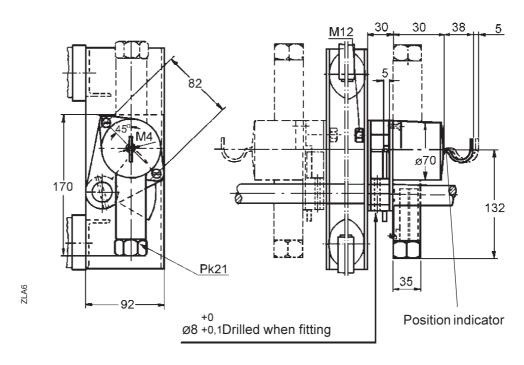
Locking

Dimension drawing

Locking coil OJO-ZLA3



Locking coil OJO-ZLA6



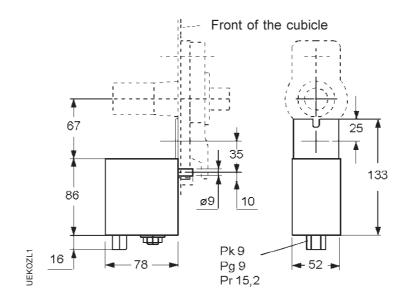
Incoming cable gland can also be turned upwards.

Weight: 2,3 kg

Locking

Dimension drawings

Locking coil UEKO ZL1

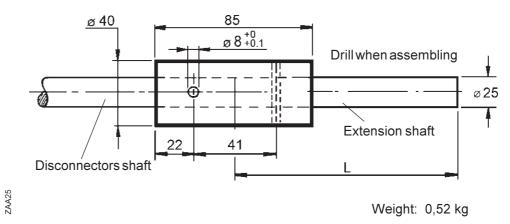


Extension bushing and support bearing

Dimension drawings

Extension bushing

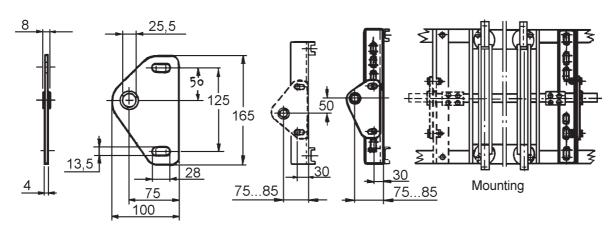
OJE-ZAA 25



2 pcs spring pins included.

Support bearing

OJO-ZU3



ZU3

To be used for 10...24 kV OJON-disconnector extension shaft support bearing.

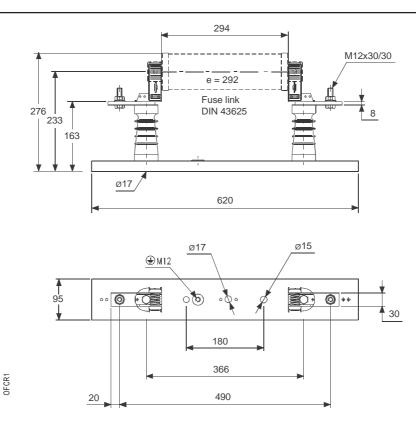
Angle iron not included.

Weight: 0,35 kg

Fuse base for indoor use

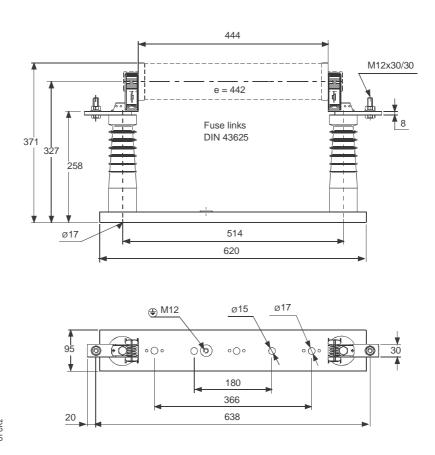
Dimension drawing

Fuse base OFCRN 12 A 3



By moving one insulator 3,6/7,2 kV e = 192 mm fuses can be fitted. The fuse base can be fitted with a blown fuse auxiliay contact, see page 27. The auxiliary switch is one NC contact.

Fuse base OFCRN 24 A 3

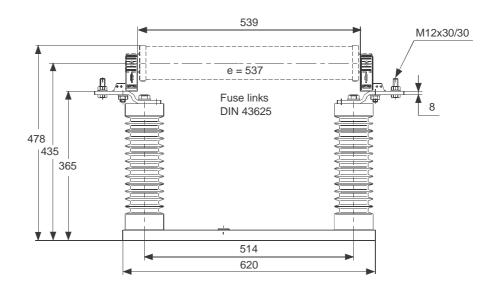


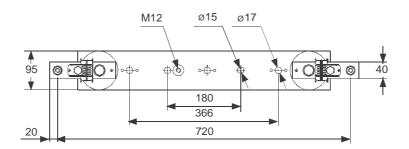
0000

Fuse base for indoor use

Dimension drawing

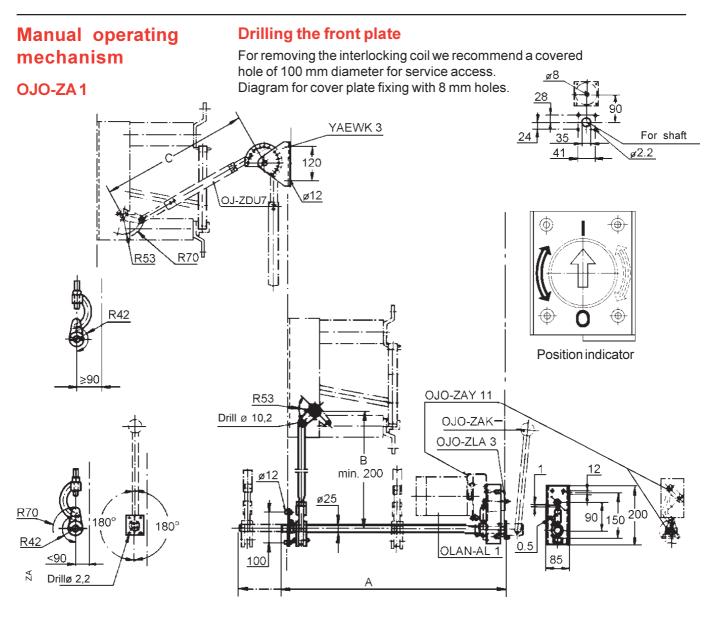
Fuse base OFCRN 36 A 3

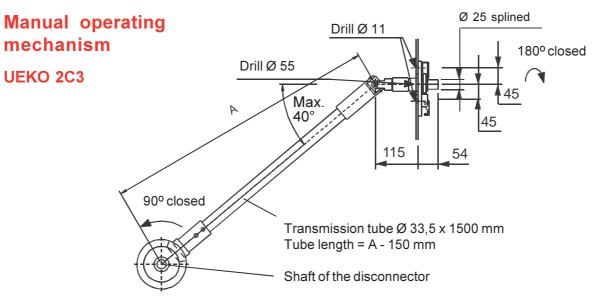


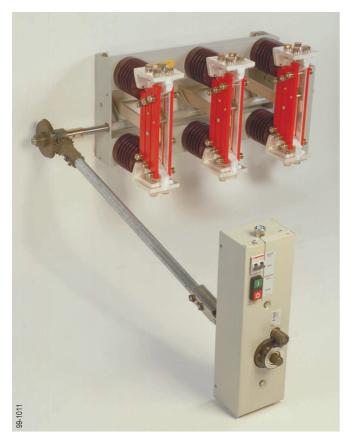


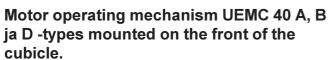
Manual operating mechanism

Dimension drawing











Motor operating mechanism UEMC 40 K6 types mounted on the body of the disconnector.



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