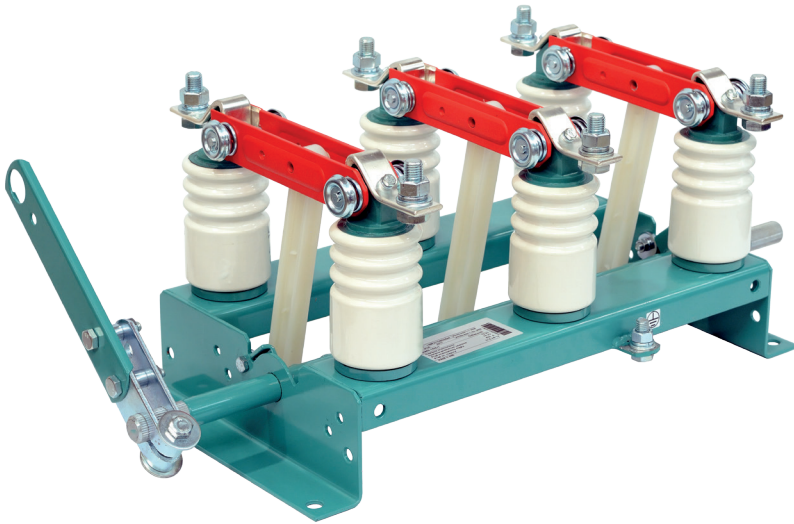


MEDIUM VOLTAGE PRODUCTS

OW – Indoor disconnecter

12 - 36 kV; 630 - 1600 A



Safety and protection of personnel and assets



Complete solution with various drives and control equipment



Reliable operation guaranteed by proven design

Product features

- Rated voltages 12 – 36 kV
- Rated currents 630 – 1600 A
- High short-time withstand current up to 31.5 kA/1s; peak value up to 80 kA
- Single or three phase design (OWI, OWIII)
- Available with earthing switches on both sides
- Operated with manual or motor drives
- Many ways of coupling with drive by common gears, couplers and rods
- Vertical-break opening
- Fixed terminals for connection on both sides
- Durable porcelain or resin insulators
- Powder coated steel frame
- Applicable standards in relation to specific product variants are:
 - PN-83/E-06107,
 - PN-93/E-06107,
 - IEC 62271-102:2018-05,
 - IEC 62271-1:2017-07.

Product benefits

- Wide range of applications for available types
- Safe and visible isolating gap in open position
- Proven and reliable design
- High mechanical endurance
- Installation position: horizontal or vertical
- Suitable for new installations or retrofit
- Easy to install and commission
- Minimal maintenance requirements
- Smart grid and network automation ready
- Possibility to customize for tailor made solutions

Technical data – basic types of 3-phase OW III disconnector

Type	OWIII10/6-1	OWIII10/6-2	OWIII10/8-1	OWIII10/8-2	OWIII10/10-1	OWIII10/10-2	OWIII10/12-1	OWIII20/6-1	OWIII20/6-2	OWIII20/12-1	OWIII30/6-2	OWIII30/12-2	OWIII30/16-2		
Rated voltage [kV]	12						24			36					
Frequency [Hz]	50														
Rated continuous current [A]	630		800		1000		1250		630		1250		1600		
Rated power frequency withstand voltage [kV]	to earth and between phases						28			50			70		
	across isolating distance						32			60			80		
Rated lightning impulse withstand voltage [kV]	to earth and between phases						75			125			170		
	across isolating distance						85			145			195		
Rated peak withstand current [kA]	80	63	80	63	80	63	80	50	63	80	50	80			
Rated short-time withstand current [kA]	1s		31.5		25		31.5		-		20		-		
	3s		-		-		-		20		-		-		
Disconnecter mass [kg]	31	25	31	25	31	25	50	48	39	70	78	90			
Insulators type: 1-ceramic, 2-resin	1	2	1	2	1	2	1	1	2	1	2	2	2		
Phase distance [mm]	200						275			360		390			
Mechanical endurance [number of cycles]	MO (1000)														

Available optional configuration or equipment:

- One phase design (OWI)
- Integrated earthing switches on upper or lower side
- Manual operating mechanism HE or NRWO4-3
- Motor operating device UEMC 41
- Auxiliary switch
- Customer-specific configuration on request

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