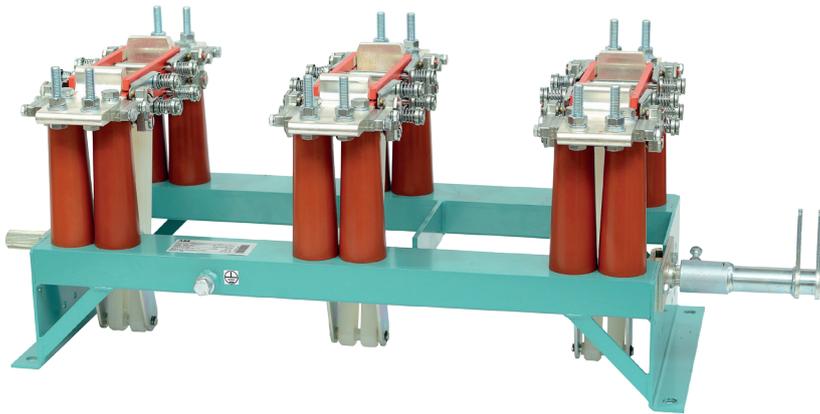


MEDIUM VOLTAGE PRODUCTS

OWD – High current indoor disconnecter

1,2 – 24 kV; 1600 – 4000 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 1,2 – 24 kV
- Rated currents 1600 – 4000 A
- High short-time withstand current up to 80 kA (1s); peak current up to 200 kA
- One, two or three phase design
- 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
- Copper live part supported by resin insulators
- Powder coated steel frame
- Applicable standards in relation to specific product variants are:
 - PN-83/E-06107,
 - PN-93/E-06107,
 - IEC 129:1975,
 - IEC 129:1984.

Product benefits

- Easy application in wide range of configurations
- 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 OWD disconnector

Type	OWD 301w.02	OWD 303w.02	OWD 310w.01	OWD 310w.01/500	OWD 310w.02	OWD 310w.03	OWD 310w.04	OWD 320w.02	OWD 320w.03	OWD 320w.04	
Rated voltage [kV]	1.2				12			24			
Frequency [Hz]	50 ÷ 60										
Rated continuous current [A]	2000	2500	4000		2500	2000	1600	2500	2000	1600	
Rated power frequency withstand voltage [kV]	to earth and between phases	3.5	10	35			50				
	across isolating distance	3.5	12	45			60				
Rated lightning impulse withstand voltage [kV]	to earth and between phases	-	40	75			125				
	across isolating distance	-	46	85			145				
Rated peak withstand current [kA]	150	200	150	200	200	150	125	150	125	100	
Rated short-time withstand current [kA]	1s	60	80	-	80	80	60	50	60	50	40
	3s	-	-	60	-	-	-	-	-	-	-
Disconnecter mass [kg]	38	58	79	90	64			72			
Phase distance [mm]	160	260	300	500	300	300	300	350	350	350	
Mechanical endurance [number of cycles]	1000 (M0 class)										

Available optional configuration or equipment:

- One and two phase design
- Manual operating mechanism HE or NRWO4-3
- Motor operating device UEMC 41
- Auxiliary switch
- Customer-specific configuration on request

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