


# HD4 36 kV - 630/1250 A - 16 kA

## SF6 gas insulated medium voltage circuit-breaker



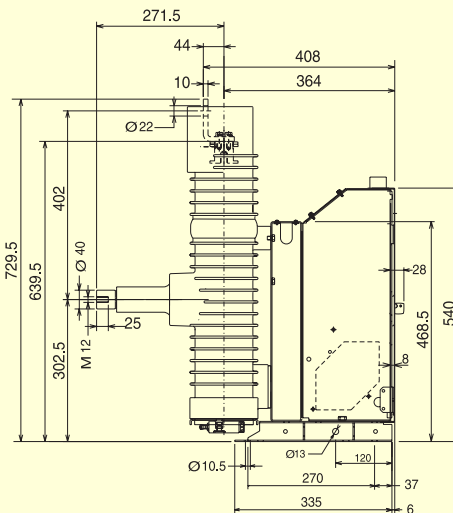
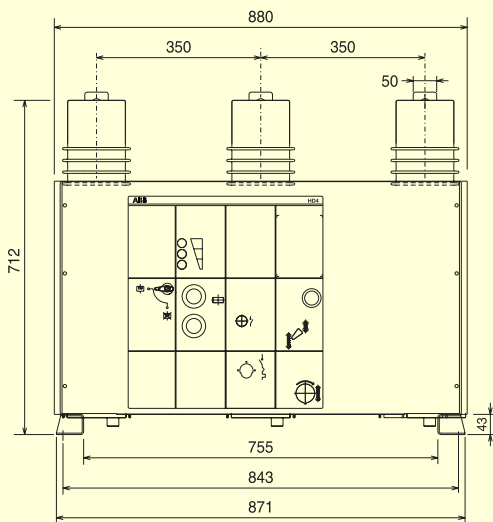
- Very compact dimensions
- Fixed version
- Mechanical safety locks against incorrect operations
- Soft quenching without chopping current
- Fast recovery of the quenching media dielectric properties. Quenching technique free of re-strike and re-ignition
- Poles sealed for life
- Stored energy operating mechanism with standard anti-pumping device
- Maintenance free
- SF6 pressure control set (on request)
- Application of PR521 self-powered overcurrent relay (on request) supplied by external current sensors

## Technical data

Circuit-breaker		HD4 36	HD4 36
Rated voltage / Rated insul. voltage	[kV]	36	36
Withstand voltage at 50 Hz	[kV]	70	70
Impulse withstand voltage	[kV]	170	170
Rated frequency	[Hz]	50-60	50-60
Rated normal current (40 °C)	[A]	<b>630</b>	<b>1250</b>
Rated breaking capacity /	[kA]	16	16
Rated admissible short-time current (3 s)	[kA]	16	16
Making capacity	[kA]	40	40
Operation sequence		O-0,3s-CO-15s-CO	O-0,3s-CO-15s-CO
Opening time	[ms]	45	45
Arcing time	[ms]	10-15	10-15
Total breaking time	[ms]	55-60	55-60
Closing time	[ms]	50	50
Overall dimensions	 H [mm]	729,5	729,5
	W [mm]	880	880
	D [mm]	635,5	635,5
Weight	[kg]	130	130
SF6 gas pressure (rated service value)	[kPa]	385	385
Technical catalogue	No.	649292	649292

## Overall dimensions

## PR521



The self-supplied PR521 switchboard relay is available for protection of the installations.

The PR521 makes the circuit-breaker trip by means of the special opening solenoid. In its basic version, the PR521 carries out the following functions: 50-51-51N protection.

For further information about the PR521 relay please consult technical catalogue ITSCB 649211.



Data and illustration without engagement. We reserve the right to make changes in the course of technical development.

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