

KONČAR K8D.6-N

145 kV Gas Insulated Switchgear



KONČAR
Switchgear, Inc.

www.koncar-ap.hr

KONČAR K8D.6-N

Three phase SF₆ switchgear up to 145 kV

KONČAR – High Voltage Switchgear Inc. utilises the best from 40 years of experience in design, manufacturing and servicing of gas-insulated switchgear.

KONČAR K8D.6-N three phase SF₆ gas-insulated metal enclosed switchgear (GIS) is optimised to meet the challenges of electrical networks up to 145 kV.

Customer benefits:

- Increased safety and reliability
- Space saving and compactness
- Customized designed
- Minimum maintenance
- Easy and fast installation and commissioning at site
- Low total cost of ownership

TECHNICAL DATA

Rated voltage	kV	145
Rated power frequency withstand voltage (1 min)	kV	
• to earth and between phases		275
• across isolating distance		315
Rated lightning impulse withstand voltage (1.2/50 μ s)	kV	
• to earth and between phases		650
• across insulating distance		750
Rated current	A	up to 3150
Rated frequency	Hz	50
Gas leakage rate	%	less than 0.1%
Rated short-time withstand current	kA	40
Rated peak withstand current	kA	104
Rated duration of short-circuit	s	3
Rated operating sequence		O-0.3s-CO-3min-CO
Class		C2,M2
Operating mechanism		spring operated
Dimensions	mm	4150 x 2950 x 800
Mass	kg	4000
Standards		IEC 62271-1, IEC 62271-203, IEC 62271-100, IEC 62271-102 IEC 62271-209



For more information please contact:

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