

# E-NFS

## LOW VOLTAGE CELL CENTRE SYSTEMS

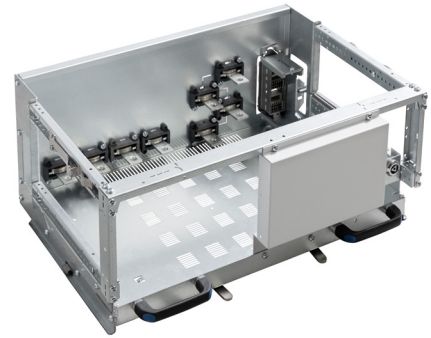


# LOW VOLTAGE CELL CENTRE SYSTEMS

E-NFS is a competitive structure for the industrial use. The cell centre system is DNV-GL certified, so it is suitable for the most demanding applications.

E-NFS can be made one-sided or twosided, and the variations include L and U-shapes. One cell centre can have more than one bus bar solution. The bus bars can be installed at any height, either in the middle section, in the back or at the top of the center. The bus bars can be made of either aluminium or copper.

Type-tested withdrawable or removable units have been designed for easy maintenance and replacement. The unit structure is compact, and comes equipped with ventilation and locking and a separate compartment for cables and connections.



The withdrawable or removable units are easy to maintain and replace.

## DIMENSIONS

	200	300	450	600	750	900	1050
Width							
Height	1680	1820	1960	2100			
Depth	500	650	800	1000			
Base	50	100					

## ELECTRIC FEATURES

Nominal voltage	Insulation voltage	Nominal current (horizontal busbar)	Nominal current (vertical busbar)	Thermal short-circuit strength	Dynamic short-circuit strength	Nominal frequency	Arc short-circuit strength
$U_n$	$U_i$			$I_{cw}$	$I_{pk}$	$f$	
<- 690V	1000V	<- 3200A <- 5000A	<- 1280A <- 1500A	<- 100kA	<- 220kA	50 – 60Hz	50kA/0,3s (725V)

## MECHANIC FEATURES

Enclosure class	Impact strength (outer/inner)	Type of subdivision	Distance between insulators	Material strength of doors
<- IP55	IK09/07	2, 3, 4	350mm - 450mm	1,4mm

## MATERIALS

Frame	Insulating flanges	Protective screens
hot galvanized sheet metal	PC	hot galvanized sheet metal

## FINISH

Powder coating RAL7035

## STANDARDS

EN 60529

EN 62262

IEC/EN 61439-1  
IEC/EN 61439-2  
IEC/EN 61439-3

IEC/EN 62208

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