

F-SERIE

IP20-IP55 ENCLOSURES AND CELL CENTRES



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The components of this most diverse system in the market can be assembled in numerous combinations, from small-scale electric outlet enclosures to L- and U-shaped industrial distribution boards.

F-series is available in two parallel versions: F and F NBS, which are nearly identical apart from the base structure. In the F NBS system, the side panels can be installed last after the cabinet has been furnished and cabled.

Most frame parts have been provided with pre-punched holes, which makes protective grounding easy. Doors are grounded through the frame structure via hinges and screws. Compartmentalization and depressurizing ceiling structure contribute to user safety in the event of a short-circuit.

DIMENSIONS

Width	300	450	600	750							
Height	140	280	420	560	700	840	980	1120	1400	1680	1960
Depth	80	160	250	320	510						
Base	40	140									

ELECTRIC FEATURES

Nominal voltage	Insulation voltage	Nominal current	Thermal short-circuit strength	Dynamic short-circuit strength	Nominal frequency	Arc short-circuit strength
U_n	U_i	I_n	I_{cw}	I_{pk}	f	
<- 690V	1000V	<- 1000A <- 3150A	<- 21,6kA <- 60kA	<- 42,6kA <- 132kA	50-60Hz	-

MECHANIC FEATURES

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

MATERIALS

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

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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