

▶ Standards

> Reference standards

Verification by testing:
Test certificates:

IEC 60439-1, IEC61439-1/-2, EN60439-1, CEI 60439-1
ACAE LOVAG, SINAL, CESI, DEKRA, INTERTEK & INTEK

▶ Electrical data

> Rated voltages

Rated insulation voltage:
Rated operating voltage:
Rated impulse withstand voltage Uimp:
Overvoltage category:
Degree of pollution:
Rated Frequency:

Ui 1000 V AC, 1500 V DC
Ue 690 V AC, 750 V DC
Up to 6 / 8 / 12kV
II / III / IV (*depending on the electrical equipment*)
3
50 - 60 Hz

> Rated current

HERGO busbar
Rated current:
Rated peak withstand current:
Rated short time withstand current:

le up to 1600 A
l_{pk} up to 110 kA
I_{cw} up to 50 kA

▶ Mechanical characteristics

> Dimensions

Height:
Column width:
Cable compartment width:
Depth:

2100 mm (other sizes on request)
600, 800 mm (other sizes on request)
400mm (other sizes on request)
295, 445 mm

> Surface protection

External mechanical impact:
Resistance to corrosion:
Frame:
Internal subdivisions:
External cladding:
Paint (average thickness 60 microns):

IK 10 (in compliance to EN 62262)
In compliance to IEC 60068-2-11 and IEC 60068-2-30
Zinc or Alu-zinc coated 2,5 mm
Zinc or Alu-zinc coated 1,5 mm
Pickled sheet 1,5 mm
Powder coated RAL 7035

> Degrees of protection (IEC 60529, EN 60529)

With closed door:

IP 30 / IP 31 / IP 42 / IP 54 (*with or without glass door*)

> Normal condition*

Installation environment:
Ambient air temperature - lower limit:
Ambient air temperature - upper limit:
Ambient air temperature - average 24h:
Maximum relative humidity:
Maximum altitude:

Internal
- 5°C
+ 40°C
+ 35°C
Max. 50% a 40°C
≤ 2000 m

* for special service conditions contact Cabel System

► **Opzional extras**

> External cladding

External paint:
Materials:

Special colours on request
Stainless steel

> HERGO busbar

Main and distribution busbar:

Fully insulated with heat shrinkable sleeving
Silver plating / Tin plating

> Test certificates

In compliance to:

RINA, DNV, LR



► **Certifications**

