

▶ *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:

Ie up to 6300 A
Ipk up to 330 kA
Icw fup to 150 kA

▶ *Arc Fault Containment (optional)*

> Criteria IEC 61641:

100 kA, 0,3 s at 400 V

▶ *Mechanical characteristics*

> Dimensions

Height:
Width:
Depth:

2200+65 mm (other sizes on request)
300, 400, 600, 700, 800, 900, 1000, 1100, 1200 mm
660, 760, 860, 960, 1060, 1160, 1260, 1460 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*

