Healthcare Transformers











Imprego [Medigo] transformers

A segment of Imprego product line

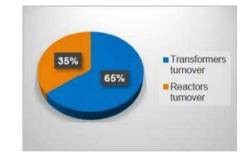


Our global offer

2 dry-type technologies

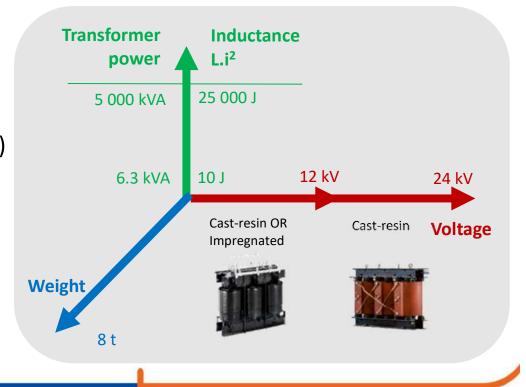






BCV TECHNOLOGIES

- **Know-how**: 70-year experience
- **Expertise**: engineering, design (R&D)
- Flexibility and adaptability
- **Quality** → Optimized OPEX



BCV TECHNOLOGIES Your dedicated partner of the SGB-SMIT Group

A sub-family of standardized Imprego

UNITS IN STOCK (MTS)

Available in 1 or 2 DAYS

PARTS IN STOCK (MTO)



Available in 1 or 2 WEEKS



Imprego [Standard]

Single-phase Transformer

Power: 6.3 to 20 kVA

Voltage ratio: 231/115V, 231/231V, 400/115V or 400/231V



Imprego [Medigo]

Healthcare single-phase / Three-phase Transformer

- Power: 6.3 to 10 kVA
- Voltage ratio: 230/115-230V (single-phase) or 400/230V (three-phase transformer)

✓ NF EN 61558-2-15



Imprego [Standard] Three-phase Autotransformer

Power: 10 to 400 kVA

Voltage ratio: 231/400V

or 400/231V

Imprego [Standard]

Three-phase Transformer

Power: 8 to 400 kVA

Voltage ratio: 400/400V or 400/231V





Imprego [Medigo] Isolation transformers for healthcare applications



Our commitment

- You can evaluate the QUALITY of our MEDIGO transformers by checking a referent TEMPERATURE RISE type test report
- We guarantee the <u>FULL COMPLIANCE</u> to IEC 61558-2-15 standard, including for items such as the rating plate content, the supply of a notice book, etc.
- For your security and ease of installation, we provide transformers equipped with <u>IP2x screw clamp terminals</u>, also allowing transparent connection of either aluminium or copper cables



Isolation transformers for healthcare applications

Imprego solution for medical applications



You require...

...so
you can expect &
we provide

IEC 61558–2 15 compliance Proven low heating (referent test report available)

Alu or

Copper

connect.

Compact design Easy connections Easy access

Electrostatic screen



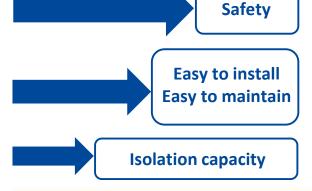
12 references, with or without enclosure Dry-type transformers for operating theatres:

230/115-230 V - Single-phase transformers

Power	Catalog references	
kVA	Without enclosure	With enclosure
6.3	IMDTR6S00	IMDTR6S21
8	IMDTR8S00	IMDTR8S21
10	IMDTR10S00	IMDTR10S21

400/230 V - Three-phase transformers

	Power	Catalog references	
,	kVA	Without enclosure	With enclosure
	6.3	IMDTR6T00	IMDTR6T21
1	8	IMDTR8T00	IMDTR8T21
	10	IMDTR10T00	IMDTR10T21





Technical characteristics

- Custom-made dry single-phase and 3-phase LV/LV transformers compliant with IFC 61558-2-15
- Voltage ratio:
 - 230/115-230V with load (singlephase transformers)
 - 400/230V with load (threephase transformers)
 - Umax in the secondary 250V
- Frequency: 50/60 Hz
- Insulation level: 1,1 kV
- Insulation class: H
- Heating class: F
- Voltage drop < 5%







- **Benefits:**
- **✓** Service continuity & Quality of electrical signal, thanks to the electrostatic separation
- ✓ Extra Safety (IP2x terminals...)

- Magnetizing current < 3 %
- In-rush current < 12 In
- Leakage current < 0,5 mA
- 1 earthing
- 2 or 4 lifting points
- Equipped with heat protection to warn of any risk of damage to the equipment (1 thermostatic plug per column: alarm level at 160°C)

Two possibilities of protection





IP00 will be included in an isolated panel system



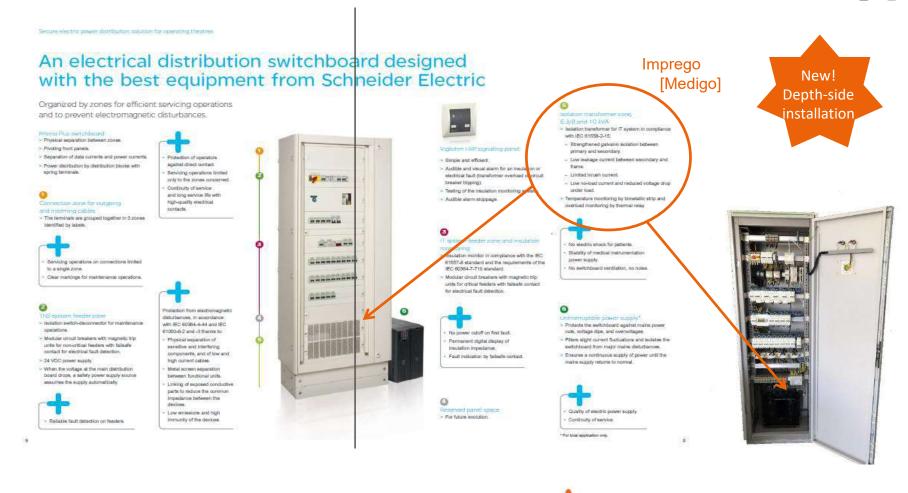
IP21 will be outside of the isolated panel system



Schneider Electric solution

Exemple with Prisma electrical cabinet





in the world



More than 1500 IMPREGO [Medigo] transformers installed since 2011*,

Of which:

75% integrated in isolated panel

Of which:

- 89% single-phase transformers
- 11% three-phase transformers

Or by power:

- 36% 10kVA
- 28% 8kVA
- 36% < 8kvA



Main distribution centers and destinations

^{*} Until mid-2019 Data not available before 2011

Our quality commitments

Certifications:





ISO 9001 - version 2015: until July 30th, 2023



ISO 14001 - version 2015: until July 30th, 2023



ISO 45001: 2018* until July 30th, 2023

* Replaces OHSAS 18001:2007





Contact us:

bcv-technologies@sgb-smit.group - Tel. +33 (0)2 51 53 22 00



