



EXTERNAL SAFETY

With more than 60 years of expertise in the field, you're guaranteed that the iVario generator has been built to go the distance to optimize the X-ray process. With the external safety you are provided with a full solution for safety, that reduces design efforts when it comes to the iVario generator implementation for all the configurations. The external safety has the possibility to connect an external key switch and an additional emergency stop.

- Easy and quick «plug & play» installation with terminal blocks, where all inputs, outputs and lights are available
- Provide highest level of safety: performance level PLe
- Full range of customized configurations possible to set or order
- Enabling 1:1 fast and efficient replacement of the old generation XRP generators
- Approved by European certification body
- Designed to work with the complementary iVario Controller



COMET

EXTERNAL SAFETY



REDUCING DESIGN EFFORT

PRODUCT SPECIFICATIONS

DOOR SWITCHES AND STOP SAFETY PERFORMANCE LEVEL	PLe
LINE INPUT	1, 2 or 3 phases + neutral

INPUTS, OUTPUTS

24V POWER SUPPLY (cabinet) MAX. AVAILABLE OUTPUT CURRENT	1 A
24V POWER SUPPLY (generator) MAX. AVAILABLE OUTPUT CURRENT	1 A
NUMBER OF STATUS OUTPUTS 230V	4
MAX. CURRENT	1 A
TOTAL MAX. CURRENT FOR 4 OUTPUTS	2 A
NUMBER OF STATUS OUTPUTS 24V DC	4
POWER SUPPLY	Supplied by generator, no external supplies required
iVARIO CONTROLLER KEY	Optionally cut «Mains» and «Aux»

OPTIONAL INPUT, KEY SWITCH «AUX» AND «MAINS»

NOMINAL VOLTAGE	24 V
TYPICAL CURRENT AT NOMINAL VOLTAGE (AUX)	90 mA
TYPICAL CURRENT AT NOMINAL VOLTAGE (MAINS)	200 mA
CABLE LENGTH	≤ 30 m

DIMENSIONS

DIMENSIONS	600 x 600 x 210 mm
WEIGHT	36 kg
CABLE LENGTH SUPPLIED (between iVario and External Safety)	10 m

ENVIRONMENT

TEMPERATURE RANGE FOR OPERATION	0 – 40 °C
HUMIDITY	90 % NC
ENVIRONMENTAL PROTECTION	IP-54

REGULATORY: CE

2006/42/EC European machinery directive
2014/30/EC European EMC directive
2014/35/EC European low voltage directive
2011/65/EU European RoHS directive

REGULATORY: SAFETY STANDARD

ISO 13849-1: 2015: Safety of machinery – safety related parts of control systems
EN 60204-1: 2006 + A1: 2009: Safety of machinery – Electrical equipment of machines
EN 61010-1/2010: Electrical Safety of meas, contr, & lab equipment

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Technology with Passion

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