

Switchgear and controlgear assembly - CBL-RBTM-TT - 2701462

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Measurement system for load characteristics and bending moments in rotor blades of wind turbine generators. Proactive rotor blade monitoring, early detection of damage, and optimized load control. Reliable in harsh ambient conditions and suitable for remote service.



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356755405

Technical data

General data

Material cover/door	Sheet steel (with all round PU foam seal, dip-primed, powder-coated on the outside, textured finish)
Housing material	Sheet steel (dip-primed, powder-coated on the outside, textured finish)
RAL color	7035 light grey
Weight	12200 g
Installation location	Interior (wind turbine generator)
Degree of protection	IP65
Protection class	I (MЭК 61140, EN 61140, VDE 0140-1)

Housing

Housing material	Sheet steel (dip-primed, powder-coated on the outside, textured finish)
Material cover/door	Sheet steel (with all round PU foam seal, dip-primed, powder-coated on the outside, textured finish)
RAL color	7035 light grey
Housing material	Sheet steel (dip-primed, powder-coated on the outside, textured finish)

Ambient conditions

Ambient temperature (operation)	-25 °C ... 45 °C
Ambient temperature (storage/transport)	-35 °C ... 45 °C

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Technical data

Ambient conditions

Shock (operation)	30g
Shock (storage/transport) GRP	30g
Vibration (operation)	2.3g

Dimensions

Outer dimensions: width, height, depth	380 mm x 380 mm x 210 mm (without housing feed-throughs)
	334 mm x 355 mm x 2 mm (Mounting plate dimensions)

Technical characteristics

Nominal power	approx. 69 W (for 230 V AC)
	approx. 14.4 W (at 24 V DC)
Nominal current I_N	approx. 0.3 A (for 230 V AC)
	approx. 6 A (at 120 V AC)
	approx. 0.6 A (at 24 V DC)
Nominal voltage U_N	230 V AC (1/N/PE)
Output voltage	24 V DC
Control voltage	24 V DC
Protection	500 mA (normal blow)
Recommended backup fuse	16 A (Characteristic B, 1-pos.)

Cable entry

Type of cable entry	Coupling
	Cable gland

Standards and Regulations

Vibration (operation)	2.3g
Shock (operation)	30g

Classifications

eCl@ss

eCl@ss 4.0	27248002
eCl@ss 4.1	27248002
eCl@ss 5.0	27242501
eCl@ss 5.1	27242500
eCl@ss 6.0	27242500
eCl@ss 7.0	27142422
eCl@ss 9.0	27142422

ETIM

ETIM 3.0	EC000809
ETIM 4.0	EC001435
ETIM 6.0	EC000268

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Classifications

UNSPSC

UNSPSC 6.01	81111810
UNSPSC 7.0901	81111810
UNSPSC 11	81111810
UNSPSC 12.01	43232401
UNSPSC 13.2	43232401

Accessories

Accessories

Crimping tool

Crimping pliers - CRIMPFOX RC 2,5 - 1205448



Crimping pliers. with positioner, for turned connector contacts 0.08 mm² to 2.5 mm²

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