
EU Declaration of Conformity

We

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declare under our sole responsibility that the following products:

Cables and Connectors

**OPT-RJ45-xx, CBL-PxxM-xx-xxx, CBL-CxxM-xx-xxx, CBL-PxxT-xx-xxx, CBL-CxxT-xx-xxx,
CBL-FxxM-xx-xxx, CBL-FxxT-xx-xxx, CBL-ENC-MLC-10, CBL-POW-MLC-PB10, CBL-POW-MLC-PB18,
CBL-MTB-CAS-02, MCSENC-EFP-18-T, MCSPOW-EPP-PB4A, MCSPOW-EPP-PB8A**

(The x can be any number of 0-9 or A-Z.)

are in conformity with the relevant requirements of Low Voltage Directive 2014/35/EU, EMC Directive 2014/30/EU, RoHS Directive 2011/65/EU, provided that the equipment is selected, installed and used according to given instructions.

The following harmonized standards have been applied:

Low Voltage Directive 2014/35/EU

EN 61800-5-1:2007+A1:2017+A11:2021	Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy
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EMC Directive 2014/30/EU

EN 61000-6-2:2005/AC:2005	Electromagnetic compatibility (EMC) – Part 6-2: Generic standards – Immunity for industrial environments
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EN 61000-6-4:2007/A1:2011	Electromagnetic compatibility (EMC) – Part 6-4: Generic standards – Emission standard for industrial environments
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RoHS Directive 2011/65/EU

EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
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Component list to EU Declaration of Conformity

The compliance of the designated products with the requirements of the applied regulations and directives is indicated by 'x'.

Product	Type code	Low voltage directive	EMC directive	RoHS directive
EtherCAT cable	OPT-RJ45-xx	x		x
Encoder cable	CBL-FxxM-xx-xxx	x	x	x
	CBL-FxxT-xx-xxx	x	x	x
Power cable	CBL-PxxM-xx-xxx	x		x
	CBL-CxxM-xx-xxx	x		x
	CBL-PxxT-xx-xxx	x		x
	CBL-CxxT-xx-xxx	x		x
Connector	CBL-ENC-MLC-10	x		x
	CBL-POW-MLC-PB10	x		x
	CBL-POW-MLC-PB18	x		x
	CBL-MTB-CAS-02		x	x
	MCSENC-EFP-18-T	x		x
	MCSPow-EPP-PB4A	x		x
	MCSPow-EPP-PB8A	x		x

Beijing, 23 Jan. 2025

Signed for and on behalf of:

Yu Wang
Local Division Manager
ABB Beijing Drive Systems Co., Ltd.



XuMing Wang
Product Engineering and Quality Manager
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