



中国国家强制性产品认证证书

CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No. 2022122309114969

NAME AND ADDRESS OF THE APPLICANT

EUROPEAN SAFETY SYSTEMS LIMITED
Impress House, Mansell Road, Acton, London, W3 7QH, UK

NAME AND ADDRESS OF THE MANUFACTURER

EUROPEAN SAFETY SYSTEMS LIMITED
Impress House, Mansell Road, Acton, London, W3 7QH, UK

NAME AND ADDRESS OF THE FACTORY

EUROPEAN SAFETY SYSTEMS LIMITED
Impress House, Mansell Road, Acton, London, W3 7QH, UK

CERTIFICATION STANDARDS

GB/T 3836.1-2021, GB/T 3836.2-2021, GB/T 3836.31-2021

NAME, MODEL AND SPECIFICATION

Beacons

D1xB2 Series, refer to attachment; Electrical parameters refer to attachment; Ex marking: Ex db II C T6~T3 Gb, Ex tb IIIC T95°C~T169°C Db

THIS CERTIFICATE IS ISSUED AS VERIFICATION THAT THE PRODUCT MENTIONED ABOVE HAS MET THE REQUIREMENTS OF IMPLEMENTATION RULES FOR CHINA COMPULSORY CERTIFICATION (REF NO. CNCA-C23-01: 2019)

INITIAL DATE: 2023-03-31

DATE OF EXPIRY: 2027-01-26

VALIDITY OF THIS CERTIFICATE IS SUBJECT TO POSITIVE RESULT OF THE REGULAR FOLLOW UP INSPECTION BY THE ISSUING CERTIFICATION BODY UNTIL THE EXPIRY DATE.

THE STATUS AND AUTHENTICITY OF THIS CERTIFICATE MAY BE VERIFIED BY VISITING THE OFFICIAL CNCA WEBSITE: WWW.CNCA.GOV.CN OR BY CONTACTING SERVICE TEL OF CQM: 010-88411888. THE DATE OF FIRST ISSUE IS 2022-01-27



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China Quality Mark Certification Group

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Certificate No.: 2022122309114969

INITIAL DATE:2023-03-31

Type: D1xB2 Series

Relation between the type and electrical parameters:

Type	Rated Voltage	Range of Voltage	Rated Current	Max Current
D1XB2X05DC012	12Vdc	12 -14Vdc	585mA	600mA
D1XB2X05DC024	24Vdc	20-28Vdc	295mA	350mA
D1XB2X05DC048	48Vdc	42 -54Vdc	145mA	150mA
D1XB2X05AC115	115Vac	110-120Vac	140mA	200mA
D1XB2X05AC230	230Vac	220-240Vac	70mA	100mA
D1xB2X10DC024	24Vdc	20-28Vdc	605mA	710mA
D1XB2X10DC048	48Vdc	42-54Vdc	230mA	250mA
D1XB2X10AC115	115Vac	110-120Vac	220mA	300mA
D1XB2X10AC230	230Vac	220-240Vac	130mA	180mA
D1XB2X15DC024	24Vdc	20-28Vdc	835mA	920mA
D1XB2X15DC048	48Vdc	42-54Vdc	330mA	360mA
D1XB2X15AC115	115Vac	110-120Vac	310mA	420mA
D1XB2X15AC230	230Vac	220-240Vac	170mA	230mA
D1XB2X21DC024	24Vdc	20-28Vdc	1130mA	1240mA
D1XB2X21DC048	48Vdc	42-54Vdc	530mA	560mA
D1XB2X21AC115	115Vac	110-120Vac	500mA	530mA
D1xB2X21AC230	230Vac	220-240Vac	195mA	270mA



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Type	Rated Voltage	Range of Voltage	Rated Current	Max Current
D1XB2LD2DC024	24Vdc	18-30Vdc	230mA	500mA
D1XB2LD2AC115	115Vac	110-120Vac	95mA	180mA
D1XB2LD2AC230	230Vac	220-240Vac	50mA	100mA

Ex marking: Ex db IIC T6~T3 Gb, Ex tb IIIC T95°C~T169°C Db

Relation between temperature class and ambient temperature:

Type	Temperature class	Ambient temperature
D1xB2X05DC012	T4	-55°C to +80°C
D1xB2X05DC024	T5	-55°C to +75°C
D1xB2X05DC048	T6	-55°C to +60°C
	T104°C (Dust)	-55°C to +80°C
D1xB2X05AC115	T4	-55°C to +70°C
	T5	-55°C to +50°C
D1xB2X05AC230	T116°C (Dust)	-55°C to +70°C
D1xB2X10DC024	T4	-55°C to +80°C
	T5	-55°C to +45°C
D1xB2X10DC048	T135°C (Dust)	-55°C to +80°C
D1xB2X10AC115	T3	-55°C to +70°C
	T4	-55°C to +65°C
D1xB2X10AC230	T139°C (Dust)	-55°C to +70°C
D1xB2X15DC024	T3	-55°C to +80°C
	T4	-55°C to +65°C
D1xB2X15DC048	T146°C (Dust)	-55°C to +80°C
D1xB2X15AC115	T3	-55°C to +70°C



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D1xB2X15AC230	T4	-55°C to +65°C
	T139°C (Dust)	-55°C to +70°C
D1xB2X21DC024	T3	-55°C to +80°C
D1xB2X21DC048	T4	-55°C to +45°C
	T169°C (Dust)	-55°C to +80°C
D1xB2X21AC115	T3	-55°C to +60°C
	T4	-55°C to +50°C
D1xB2X21AC230	T141°C (Dust)	-55°C to +60°C
	T5	-55°C to +80°C
D1xB2LD2 系列	T6	-55°C to +70°C
	T95°C (Dust)	-55°C to +80°C

Specific condtion of use:

- 1) The user shall not repair the flameproof joint.
- 2) The enclosure coating is non-conducting and may generate an ignition-capable level of electrostatic charges under certain extreme conditions. Refer to user manual for details
- 3) When installed and used in an explosive gas atmosphere, the product shall be installed with CCC sperated certified cable glands with threads M20×1.5 or 3/4 NPT according to GB/T 3836.1-2021 and GB/T 3836.2-2021 with proper protection type. When installed and used in a combustibile dust atmosphere, the product shall be installed with CCC sperated certified cable glands with threads M20×1.5 or 3/4 NPT according to GB/T 3836.1-2021 and GB/T 3836.31-2021 with proper protection type. The unused entries shall be installed with separated CCC certificate blanking elements.
- 4) Use cable with high temperature property, refer to user manual for details.



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