

Strona 1

Fotokod

Logo: TÜV SÜD Product Service

Na lewym marginesie: niebieski pasek z napisem: CERTYFIKAT

CERTYFIKAT
nr Z2 073899 0076 wer. 02

Posiadacz Certyfikatu: ZNSHINE PV-TECH Co., Ltd.
No. 1, South Zhenxing Road
Industrial Zone, Zhixi Town, Jintan District
213251 Changzhou City, Jiangsu Province
CHIŃSKA REPUBLIKA LUDOWA

Znak certyfikacji: Logo: TÜV SÜD, IEC 61215, Fotowoltaika,
IEC 61730, testy bezpieczeństwa, monitoring produkcji

Produkt: Nazienne moduły ogniw fotowoltaicznych z krzemu krystalicznego
Moduł ogniw fotowoltaicznych z krzemu monokrystalicznego

Niniejszy produkt został przebadany na zasadzie dobrowolności i spełnia zasadnicze wymagania. Wskazany wyżej znak certyfikacji można umieścić na produkcie. Nie wolno w żaden sposób zmieniać znaku certyfikacji. Ponadto posiadacz niniejszego certyfikatu nie może go przekazywać stronom trzecim. Niniejszy certyfikat jest ważny do podanej daty, chyba że wcześniej zostanie anulowany. Wszelkie obowiązujące przepisy w zakresie badania i certyfikacji Grupy TÜV SÜD muszą być spełnione. Aby uzyskać szczegółowe informacje, patrz: www.tuvsud.com/ps-cert

Nr sprawozdania z badań: 704061908304-02

Ważne do: 26.05.2026 r.

Data: 31.05.2021 r. (Zhulin Zhang)
--- (podpis nieczytelny)

Strona 1 z 3

Logo: TÜV



Strona 2

Logo: CE

Logo: TÜV SÜD Product Service

Na lewym marginesie: niebieski pasek z napisem CERTYFIKAT

CERTYFIKAT

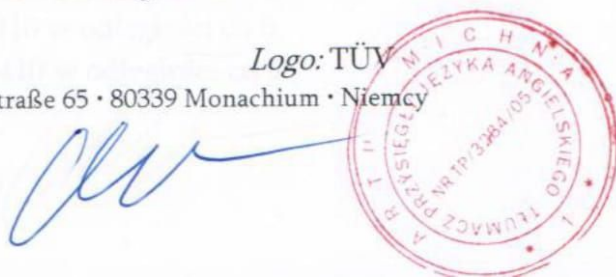
nr Z2 073899 0076 wer. 02

Model(e):

ZXM6-NHLDD144-xxx/M, xxx= 420 to 455 w odległości co 5
ZXM6-NPLDD144-xxx/M, xxx= 420 to 455 w odległości co 5
ZXM6-NOLDD144-xxx/M, xxx= 420 to 455 w odległości co 5
ZXM6-NHLDD132-xxx/M, xxx= 385 to 415 w odległości co 5
ZXM6-NPLDD132-xxx/M, xxx= 385 to 415 w odległości co 5
ZXM6-NOLDD132-xxx/M, xxx= 385 to 415 w odległości co 5
ZXM6-NHLDD120-xxx/M, xxx= 350 to 380 w odległości co 5
ZXM6-NPLDD120-xxx/M, xxx= 350 to 380 w odległości co 5
ZXM6-NOLDD120-xxx/M, xxx= 350 to 380 w odległości co 5
ZXM6-NHLDD144-xxx/M, xxx= 385 to 410 w odległości co 5
ZXM6-NPLDD144-xxx/M, xxx= 385 to 410 w odległości co 5
ZXM6-NOLDD144-xxx/M, xxx= 385 to 410 w odległości co 5
ZXM6-NHLDD132-xxx/M, xxx= 360 to 375 w odległości co 5
ZXM6-NPLDD132-xxx/M, xxx= 360 to 375 w odległości co 5
ZXM6-NOLDD132-xxx/M, xxx= 360 to 375 w odległości co 5
ZXM6-NHLDD120-xxx/M, xxx= 325 to 340 w odległości co 5
ZXM6-NPLDD120-xxx/M, xxx= 325 to 340 w odległości co 5
ZXM6-NOLDD120-xxx/M, xxx= 325 to 340 w odległości co 5
ZXM6-LDD72-xxx/M, xxx= 380 to 400 w odległości co 5
ZXM6-LDD66-xxx/M, xxx= 350 to 365 w odległości co 5
ZXM6-LDD60-xxx/M, xxx= 320 to 330 w odległości co 5
ZXM6-HLDD144-xxx/M, xxx= 380 to 405 w odległości co 5
ZXM6-PLDD144-xxx/M, xxx= 380 to 405 w odległości co 5
ZXM6-HLDD132-xxx/M, xxx= 350 to 370 w odległości co 5
ZXM6-PLDD132-xxx/M, xxx= 350 to 370 w odległości co 5
ZXM6-HLDD120-xxx/M, xxx= 320 to 335 w odległości co 5
ZXM6-PLDD120-xxx/M, xxx= 320 to 335 w odległości co 5
ZXM6-NHLD144-xxx/M, xxx= 420 to 455 w odległości co 5
ZXM6-NPLD144-xxx/M, xxx= 420 to 455 w odległości co 5




ZXM6-NOLD144-xxx/M, xxx= 420 to 455 w odległości co 5
ZXM6-NHLD132-xxx/M, xxx= 385 to 415 w odległości co 5
ZXM6-NPLD132-xxx/M, xxx= 385 to 415 w odległości co 5
ZXM6-NOLD132-xxx/M, xxx= 385 to 415 w odległości co 5
ZXM6-NHLD120-xxx/M, xxx= 350 to 380 w odległości co 5
ZXM6-NPLD120-xxx/M, xxx= 350 to 380 w odległości co 5
ZXM6-NOLD120-xxx/M, xxx= 350 to 380 w odległości co 5
ZXM6-NHLD144-xxx/M, xxx= 380 to 410 w odległości co 5
ZXM6-NPLD144-xxx/M, xxx= 380 to 410 w odległości co 5
ZXM6-NOLD144-xxx/M, xxx= 380 to 410 w odległości co 5
ZXM6-NHLD132-xxx/M, xxx= 350 to 375 w odległości co 5
ZXM6-NPLD132-xxx/M, xxx= 350 to 375 w odległości co 5
ZXM6-NOLD132-xxx/M, xxx= 350 to 375 w odległości co 5
ZXM6-NHLD120-xxx/M, xxx= 320 to 340 w odległości co 5
ZXM6-NPLD120-xxx/M, xxx= 320 to 340 w odległości co 5
ZXM6-NOLD120-xxx/M, xxx= 320 to 340 w odległości co 5
ZXM6-HLD144-xxx/M, xxx= 385 to 405 w odległości co 5
ZXM6-PLD144-xxx/M, xxx= 385 to 405 w odległości co 5
ZXM6-HLD132-xxx/M, xxx= 355 to 370 w odległości co 5
ZXM6-PLD132-xxx/M, xxx= 355 to 370 w odległości co 5
ZXM6-HLD120-xxx/M, xxx= 325 to 335 w odległości co 5
ZXM6-PLD120-xxx/M, xxx= 325 to 335 w odległości co 5
ZXM6-LD72-xxx/M, xxx= 380 to 400 w odległości co 5
ZXM6-LD66-xxx/M, xxx= 350 to 365 w odległości co 5
ZXM6-LD60-xxx/M, xxx= 320 to 330 w odległości co 5
ZXM7-SOLDD144-xxx/M, xxx= 520 to 550 w odległości co 5
ZXM7-SPLDD144-xxx/M, xxx= 520 to 550 w odległości co 5
ZXM7-SHLDD144-xxx/M, xxx= 520 to 550 w odległości co 5
ZXM7-SOLDD132-xxx/M, xxx= 480 to 505 w odległości co 5
ZXM7-SPLDD132-xxx/M, xxx= 480 to 505 w odległości co 5
ZXM7-SHLDD132-xxx/M, xxx= 480 to 505 w odległości co 5
ZXM7-SOLDD120-xxx/M, xxx= 435 to 460 w odległości co 5
ZXM7-SPLDD120-xxx/M, xxx= 435 to 460 w odległości co 5
ZXM7-SHLDD120-xxx/M, xxx= 435 to 460 w odległości co 5
ZXM7-SHLDD108-xxx/M, xxx= 390 to 415 w odległości co 5
ZXM7-SPLDD108-xxx/M, xxx= 390 to 415 w odległości co 5
ZXM7-SOLD144-xxx/M, xxx= 520 to 550 w odległości co 5
ZXM7-SPLD144-xxx/M, xxx= 520 to 550 w odległości co 5
ZXM7-SHLD144-xxx/M, xxx= 520 to 550 w odległości co 5
ZXM7-SOLD132-xxx/M, xxx= 480 to 505 w odległości co 5
ZXM7-SPLD132-xxx/M, xxx= 480 to 505 w odległości co 5



Strona 3

Logo: CE

Logo: TÜV SÜD Product Service

Na lewym marginesie: niebieski pasek z napisem CERTYFIKAT

CERTYFIKAT

nr Z2 073899 0076 wer. 02

ZXM7-SHLD132-xxx/M, xxx= 480 to 505 w odległości co 5
ZXM7-SOLD120-xxx/M, xxx= 435 to 460 w odległości co 5
ZXM7-SPLD120-xxx/M, xxx= 435 to 460 w odległości co 5
ZXM7-SHLD120-xxx/M, xxx= 435 to 460 w odległości co 5
ZXM7-SHLD108-xxx/M, xxx= 395 to 415 w odległości co 5
ZXM7-SPLD108-xxx/M, xxx= 395 to 415 w odległości co 5
ZXM8-SOLDD150-xxx/M, xxx= 480 to 515 w odległości co 5
ZXM8-SPLDD150-xxx/M, xxx= 480 to 515 w odległości co 5
ZXM8-SHLDD150-xxx/M, xxx= 480 to 515 w odległości co 5
ZXM8-SOLDD140-xxx/M, xxx= 450 to 480 w odległości co 5
ZXM8-SPLDD140-xxx/M, xxx= 450 to 480 w odległości co 5
ZXM8-SHLDD140-xxx/M, xxx= 450 to 480 w odległości co 5
ZXM8-SOLDD130-xxx/M, xxx= 420 to 445 w odległości co 5
ZXM8-SPLDD130-xxx/M, xxx= 420 to 445 w odległości co 5
ZXM8-SHLDD130-xxx/M, xxx= 420 to 445 w odległości co 5
ZXM8-SOLDD120-xxx/M, xxx= 385 to 410 w odległości co 5
ZXM8-SPLDD120-xxx/M, xxx= 385 to 410 w odległości co 5
ZXM8-SHLDD120-xxx/M, xxx= 385 to 410 w odległości co 5
ZXM8-SOLDD90-xxx/M, xxx= 290 to 310 w odległości co 5
ZXM8-SPLDD90-xxx/M, xxx= 290 to 310 w odległości co 5
ZXM8-SHLDD90-xxx/M, xxx= 290 to 310 w odległości co 5
ZXM8-SOLD150-xxx/M, xxx= 480 to 515 w odległości co 5
ZXM8-SPLD150-xxx/M, xxx= 480 to 515 w odległości co 5
ZXM8-SHLD150-xxx/M, xxx= 480 to 515 w odległości co 5
ZXM8-SOLD140-xxx/M, xxx= 450 to 480 w odległości co 5
ZXM8-SPLD140-xxx/M, xxx= 450 to 480 w odległości co 5
ZXM8-SHLD140-xxx/M, xxx= 450 to 480 w odległości co 5
ZXM8-SOLD130-xxx/M, xxx= 420 to 445 w odległości co 5
ZXM8-SPLD130-xxx/M, xxx= 420 to 445 w odległości co 5
ZXM8-SHLD130-xxx/M, xxx= 420 to 445 w odległości co 5
ZXM8-SOLD120-xxx/M, xxx= 385 to 410 w odległości co 5
ZXM8-SPLD120-xxx/M, xxx= 385 to 410 w odległości co 5
ZXM8-SHLD120-xxx/M, xxx= 385 to 410 w odległości co 5



TŁUMACZENIE Z JĘZYKA ANGIELSKIEGO. CERTYFIKAT W FORMIE ELEKTRONICZNEJ – CIĄG DALSZY.

ZXM8-SOLD90-xxx/M, xxx= 290 to 310 w odległości co 5

ZXM8-SPLD90-xxx/M, xxx= 290 to 310 w odległości co 5

ZXM8-SHLD90-xxx/M, xxx= 290 to 310 w odległości co 5

xxx oznacza znamionową moc wyjściową w standardowych warunkach testowych

Parametry:

Budowa: Z ramą, z puszką połączeniową, kablem i złączami

Laboratorium testowe: Instytut badania produktów opto-elektrycznych Yangzhou (*Yangzhou Opto-electrical Products Testing Institute*), No. 10 West Kaifa Road, Yangzhou, 225009 Jiangsu, Chińska Republika Ludowa

Klasa bezpieczeństwa: Klasa II

Maksymalne napięcie systemowe: 1500V DC

Klasa bezpieczeństwa pożarowego: Klasa A zgodnie z UL790

Przetestowano zgodnie z:

IEC 61215-1:2016

IEC 61215-1-1:2016

IEC 61215-2:2016

IEC 61730-1:2016

IEC 61730-2:2016

Strona 3 z 3

Logo: TÜV

TÜV SÜD Product Service GmbH • Organ Certyfikujący • Ridlerstraße 65 • 80339 Monachium • Niemcy

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Starogard Gd., 21 czerwca 2021 r. Rep. 600/21/29889

Potwierdzam zgodność powyższego tłumaczenia z przedstawionym mi tekstem oryginalnym.

Tłumacz Przystąpił Języka Angielskiego Artur Michna.

Biuro: INLINGO, 83-200 Starogard Gd., ul. Hallera 13. Tel. 500 699 700; starogard@inlingo.pl





Product Service

CERTIFICATE

No. Z2 073899 0076 Rev. 02

Holder of Certificate: **ZNSHINE PV-TECH Co., Ltd.**
No.1, South Zhenxing Road
Industrial Zone, Zhixi Town, Jintan District
213251 Changzhou City, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**
Mono-Crystalline Silicon Photovoltaic Module

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704061908304-02

Valid until: 2026-05-26

Date, 2021-05-31

(Zhulin Zhang)

CERTIFICATE

No. Z2 073899 0076 Rev. 02

Model(s):

ZXM6-NHLDD144-xxx/M, xxx= 420 to 455 in steps of 5
ZXM6-NPLDD144-xxx/M, xxx= 420 to 455 in steps of 5
ZXM6-NOLDD144-xxx/M, xxx= 420 to 455 in steps of 5
ZXM6-NHLDD132-xxx/M, xxx= 385 to 415 in steps of 5
ZXM6-NPLDD132-xxx/M, xxx= 385 to 415 in steps of 5
ZXM6-NOLDD132-xxx/M, xxx= 385 to 415 in steps of 5
ZXM6-NHLDD120-xxx/M, xxx= 350 to 380 in steps of 5
ZXM6-NPLDD120-xxx/M, xxx= 350 to 380 in steps of 5
ZXM6-NOLDD120-xxx/M, xxx= 350 to 380 in steps of 5
ZXM6-NHLDD144-xxx/M, xxx= 385 to 410 in steps of 5
ZXM6-NPLDD144-xxx/M, xxx= 385 to 410 in steps of 5
ZXM6-NOLDD144-xxx/M, xxx= 385 to 410 in steps of 5
ZXM6-NHLDD132-xxx/M, xxx= 360 to 375 in steps of 5
ZXM6-NPLDD132-xxx/M, xxx= 360 to 375 in steps of 5
ZXM6-NOLDD132-xxx/M, xxx= 360 to 375 in steps of 5
ZXM6-NHLDD120-xxx/M, xxx= 325 to 340 in steps of 5
ZXM6-NPLDD120-xxx/M, xxx= 325 to 340 in steps of 5
ZXM6-NOLDD120-xxx/M, xxx= 325 to 340 in steps of 5
ZXM6-LDD72-xxx/M, xxx= 380 to 400 in steps of 5
ZXM6-LDD66-xxx/M, xxx= 350 to 365 in steps of 5
ZXM6-LDD60-xxx/M, xxx= 320 to 330 in steps of 5
ZXM6-HLDD144-xxx/M, xxx= 380 to 405 in steps of 5
ZXM6-PLDD144-xxx/M, xxx= 380 to 405 in steps of 5
ZXM6-HLDD132-xxx/M, xxx= 350 to 370 in steps of 5
ZXM6-PLDD132-xxx/M, xxx= 350 to 370 in steps of 5
ZXM6-HLDD120-xxx/M, xxx= 320 to 335 in steps of 5
ZXM6-PLDD120-xxx/M, xxx= 320 to 335 in steps of 5
ZXM6-NHLD144-xxx/M, xxx= 420 to 455 in steps of 5
ZXM6-NPLD144-xxx/M, xxx= 420 to 455 in steps of 5
ZXM6-NOLD144-xxx/M, xxx= 420 to 455 in steps of 5
ZXM6-NHLD132-xxx/M, xxx= 385 to 415 in steps of 5
ZXM6-NPLD132-xxx/M, xxx= 385 to 415 in steps of 5
ZXM6-NOLD132-xxx/M, xxx= 385 to 415 in steps of 5
ZXM6-NHLD120-xxx/M, xxx= 350 to 380 in steps of 5
ZXM6-NPLD120-xxx/M, xxx= 350 to 380 in steps of 5
ZXM6-NOLD120-xxx/M, xxx= 350 to 380 in steps of 5
ZXM6-NHLD144-xxx/M, xxx= 380 to 410 in steps of 5
ZXM6-NPLD144-xxx/M, xxx= 380 to 410 in steps of 5
ZXM6-NOLD144-xxx/M, xxx= 380 to 410 in steps of 5
ZXM6-NHLD132-xxx/M, xxx= 350 to 375 in steps of 5
ZXM6-NPLD132-xxx/M, xxx= 350 to 375 in steps of 5
ZXM6-NOLD132-xxx/M, xxx= 350 to 375 in steps of 5
ZXM6-NHLD120-xxx/M, xxx= 320 to 340 in steps of 5
ZXM6-NPLD120-xxx/M, xxx= 320 to 340 in steps of 5
ZXM6-NOLD120-xxx/M, xxx= 320 to 340 in steps of 5
ZXM6-HLD144-xxx/M, xxx= 385 to 405 in steps of 5
ZXM6-PLD144-xxx/M, xxx= 385 to 405 in steps of 5
ZXM6-HLD132-xxx/M, xxx= 355 to 370 in steps of 5
ZXM6-PLD132-xxx/M, xxx= 355 to 370 in steps of 5
ZXM6-HLD120-xxx/M, xxx= 325 to 335 in steps of 5
ZXM6-PLD120-xxx/M, xxx= 325 to 335 in steps of 5
ZXM6-LD72-xxx/M, xxx= 380 to 400 in steps of 5
ZXM6-LD66-xxx/M, xxx= 350 to 365 in steps of 5
ZXM6-LD60-xxx/M, xxx= 320 to 330 in steps of 5
ZXM7-SOLDD144-xxx/M, xxx= 520 to 550 in steps of 5
ZXM7-SPLDD144-xxx/M, xxx= 520 to 550 in steps of 5
ZXM7-SHLDD144-xxx/M, xxx= 520 to 550 in steps of 5
ZXM7-SOLDD132-xxx/M, xxx= 480 to 505 in steps of 5
ZXM7-SPLDD132-xxx/M, xxx= 480 to 505 in steps of 5
ZXM7-SHLDD132-xxx/M, xxx= 480 to 505 in steps of 5
ZXM7-SOLDD120-xxx/M, xxx= 435 to 460 in steps of 5
ZXM7-SPLDD120-xxx/M, xxx= 435 to 460 in steps of 5
ZXM7-SHLDD120-xxx/M, xxx= 435 to 460 in steps of 5
ZXM7-SHLDD108-xxx/M, xxx= 390 to 415 in steps of 5
ZXM7-SPLDD108-xxx/M, xxx= 390 to 415 in steps of 5
ZXM7-SOLD144-xxx/M, xxx= 520 to 550 in steps of 5
ZXM7-SPLD144-xxx/M, xxx= 520 to 550 in steps of 5
ZXM7-SHLD144-xxx/M, xxx= 520 to 550 in steps of 5
ZXM7-SOLD132-xxx/M, xxx= 480 to 505 in steps of 5
ZXM7-SPLD132-xxx/M, xxx= 480 to 505 in steps of 5

CERTIFICATE

No. Z2 073899 0076 Rev. 02

ZXM7-SHLD132-xxx/M, xxx= 480 to 505 in steps of 5
 ZXM7-SOLD120-xxx/M, xxx= 435 to 460 in steps of 5
 ZXM7-SPLD120-xxx/M, xxx= 435 to 460 in steps of 5
 ZXM7-SHLD120-xxx/M, xxx= 435 to 460 in steps of 5
 ZXM7-SHLD108-xxx/M, xxx= 395 to 415 in steps of 5
 ZXM7-SPLD108-xxx/M, xxx= 395 to 415 in steps of 5
 ZXM8-SOLDD150-xxx/M, xxx= 480 to 515 in steps of 5
 ZXM8-SPLDD150-xxx/M, xxx= 480 to 515 in steps of 5
 ZXM8-SHLDD150-xxx/M, xxx= 480 to 515 in steps of 5
 ZXM8-SOLDD140-xxx/M, xxx= 450 to 480 in steps of 5
 ZXM8-SPLDD140-xxx/M, xxx= 450 to 480 in steps of 5
 ZXM8-SHLDD140-xxx/M, xxx= 450 to 480 in steps of 5
 ZXM8-SOLDD130-xxx/M, xxx= 420 to 445 in steps of 5
 ZXM8-SPLDD130-xxx/M, xxx= 420 to 445 in steps of 5
 ZXM8-SHLDD130-xxx/M, xxx= 420 to 445 in steps of 5
 ZXM8-SOLDD120-xxx/M, xxx= 385 to 410 in steps of 5
 ZXM8-SPLDD120-xxx/M, xxx= 385 to 410 in steps of 5
 ZXM8-SHLDD120-xxx/M, xxx= 385 to 410 in steps of 5
 ZXM8-SOLDD90-xxx/M, xxx= 290 to 310 in steps of 5
 ZXM8-SPLDD90-xxx/M, xxx= 290 to 310 in steps of 5
 ZXM8-SHLDD90-xxx/M, xxx= 290 to 310 in steps of 5
 ZXM8-SOLD150-xxx/M, xxx= 480 to 515 in steps of 5
 ZXM8-SPLD150-xxx/M, xxx= 480 to 515 in steps of 5
 ZXM8-SHLD150-xxx/M, xxx= 480 to 515 in steps of 5
 ZXM8-SOLD140-xxx/M, xxx= 450 to 480 in steps of 5
 ZXM8-SPLD140-xxx/M, xxx= 450 to 480 in steps of 5
 ZXM8-SHLD140-xxx/M, xxx= 450 to 480 in steps of 5
 ZXM8-SOLD130-xxx/M, xxx= 420 to 445 in steps of 5
 ZXM8-SPLD130-xxx/M, xxx= 420 to 445 in steps of 5
 ZXM8-SHLD130-xxx/M, xxx= 420 to 445 in steps of 5
 ZXM8-SOLD120-xxx/M, xxx= 385 to 410 in steps of 5
 ZXM8-SPLD120-xxx/M, xxx= 385 to 410 in steps of 5
 ZXM8-SHLD120-xxx/M, xxx= 385 to 410 in steps of 5
 ZXM8-SOLD90-xxx/M, xxx= 290 to 310 in steps of 5
 ZXM8-SPLD90-xxx/M, xxx= 290 to 310 in steps of 5
 ZXM8-SHLD90-xxx/M, xxx= 290 to 310 in steps of 5
 xxx is standing for rated output power at STC

Parameters:

Construction:	Framed, with Junction box, Cable and Connectors.
Test Laboratory:	Yangzhou Opto-Electrical Products Testing Institute No. 10 West Kaifa Road, Yangzhou 225009 Jiangsu, P. R. China
Safety Class:	Class II
Maximum System Voltage:	1500 V DC
Fire Safety Class:	Class A according to UL790

Tested according to:

IEC 61215-1:2016
 IEC 61215-1-1:2016
 IEC 61215-2:2016
 IEC 61730-1:2016
 IEC 61730-2:2016