



CERTIFICATE NCS/FI 30308

Our Ref. 288802-2

Product Range of enclosures

Type SOLID

Trade mark FIBOX

**Certificate Holder/
Manufacturer** Fibox Oy Ab
HTC Center
Keilaranta 19
FI-02150 ESPOO, FINLAND

Technical information

Degree of protection (EN 60529)	IP66/IP67
Mechanical strength (EN 62262)	IK08 +35/-25°C ABS IK08...IK09 +35/-25°C PC
Static loads	Mounting plate 1 kg/dm ² Mounting rail 10 kg/rail, max 30 kg/box Cover/hinges 10 kg

Other information Material: ABS or Polycarbonate (PC)
Empty enclosure
The series includes the following types, see the Appendix to this Certificate

The product is certified according to the following standard(s) EN 62208:2003

Validity This certificate is valid until 23 January 2023 provided that the Conditions for FI certification are met. This certificate includes the right to use the FI mark under the condition that product changes (if any) will be approved at SGS Fimko before the product is brought onto market.

Directive information The certified product(s) fulfils requirements of above mentioned standard(s) which are harmonised under the Low Voltage Directive (2014/35/EU) at the date of issue of the certificate.

Date of issue 23 January 2018

Signature

SGS Fimko Ltd



Sixten Lökfors
Project Manager



This certificate has 2 appendixes



This certificate is issued by the company under its General Conditions for Certification Services accessible at <http://www.sgs.fi/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Manufacturing site(s)

FiboxPAM Oy
Rajasilta 6
FI-33880 LEMPÄÄLÄ
FINLAND

Fibox GmbH
Rehwinkel 30
D-32457 PORTA WESTFALICA
GERMANY

Additional information



SOLID ABS series includes the following types

Type	Size (mm)	IP-code	IK-code
ABS 1919 13 G/T	190x190x130	IP66/IP67	IK08 +35/-25°C
ABS 1919 18 G/T	190x190x180	IP66/IP67	IK08 +35/-25°C
ABS 2819 13 G/T	280x190x130	IP66/IP67	IK08 +35/-25°C
ABS 2819 18 G/T	280x190x180	IP66/IP67	IK08 +35/-25°C
ABS 3819 13 G/T	380x190x130	IP66/IP67	IK08 +35/-25°C
ABS 3819 18 G/T	380x190x180	IP66/IP67	IK08 +35/-25°C
ABS 2828 13 G/T	280x280x130	IP66/IP67	IK08 +35/-25°C
ABS 2828 18 G/T	280x280x180	IP66/IP67	IK08 +35/-25°C
ABS 3828 13 G/T	380x280x130	IP66/IP67	IK08 +35/-25°C
ABS 3828 18 G/T	380x280x180	IP66/IP67	IK08 +35/-25°C
ABS 5628 13 G/T	560x280x130	IP66/IP67	IK08 +35/-25°C
ABS 5638 18 G/T	560x380x180	IP66/IP67	IK08 +35/-25°C
ABS 1919 13 G/T-2FSH	190x190x130	IP66/IP67	IK08 +35/-25°C
ABS 1919 18 G/T-2FSH	190x190x180	IP66/IP67	IK08 +35/-25°C
ABS 2819 13 G/T-2FSH	280x190x130	IP66/IP67	IK08 +35/-25°C
ABS 2819 18 G/T-2FSH	280x190x180	IP66/IP67	IK08 +35/-25°C
ABS 3819 13 G/T-2FSH	380x190x130	IP66/IP67	IK08 +35/-25°C
ABS 3819 18 G/T-2FSH	380x190x180	IP66/IP67	IK08 +35/-25°C
ABS 2828 13 G/T-2FSH	280x280x130	IP66/IP67	IK08 +35/-25°C
ABS 2828 18 G/T-2FSH	280x280x180	IP66/IP67	IK08 +35/-25°C
ABS 3828 13 G/T-2FSH	380x280x130	IP66/IP67	IK08 +35/-25°C
ABS 3828 18 G/T-2FSH	380x280x180	IP66/IP67	IK08 +35/-25°C
ABS 5628 13 G/T-3FSH	560x280x130	IP66/IP67	IK08 +35/-25°C
ABS 5638 18 G/T-3FSH	560x380x180	IP66/IP67	IK08 +35/-25°C

SOLID PC serie includes the following types

Type	Size (mm)	IP-code	IK-code
PC 1919 13 G/T	190x190x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 1919 18 G/T	190x190x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 2819 13 G/T	280x190x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 2819 18 G/T	280x190x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 3819 13 G/T	380x190x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 3819 18 G/T	380x190x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 2828 13 G/T	280x280x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 2828 18 G/T	280x280x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 3828 13 G/T	380x280x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 3828 18 G/T	380x280x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 5628 13 G/T	560x280x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 5638 18 G/T	560x380x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 7656 25 G/T	760x560x250	IP66/IP67	IK08/IK09 +35/-25°C

IK-code: IK08 side surfaces, IK09 front surface

PC 1919 13 G/T-2FSH	190x190x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 1919 18 G/T-2FSH	190x190x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 2819 13 G/T-2FSH	280x190x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 2819 18 G/T-2FSH	280x190x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 3819 13 G/T-2FSH	380x190x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 3819 18 G/T-2FSH	380x190x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 2828 13 G/T-2FSH	280x280x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 2828 18 G/T-2FSH	280x280x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 3828 13 G/T-2FSH	380x280x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 3828 18 G/T-2FSH	380x280x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 5628 13 G/T-3FSH	560x280x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 5638 18 G/T-3FSH	560x380x180	IP66/IP67	IK08/IK09 +35/-25°C

IK-code: IK08 side surfaces, IK09 front surface

Accessories

Type	IP-code	IK-code
Inspection windows:		
L12, L13, L24, L12II ja L24II	IP65	IK08 +35/-25°C
L02, L04, L06, L08 ja L10	IP54	IK08 +35/-25°C
Ventilation devices:		
MB 10564	IP44	
MB 10631	IP33	

Material polycarbonate (PC)

Cover: f1 tested PC

Base: f1 tested PC with glass fibre

f1: suitable for outdoor use with respect to exposure to ultraviolet light, water Exposure and immersion in accordance with UL 746C

As shown in the
Test Report(s) No(s):

288802-2, 266651-1

Supplement to Certificate: **NCS/FI 30308**

Internal ref.
288802-2

23 January 2018

NORDIC CERTIFICATION SERVICE

We hereby confirm that the product(s) appearing from the certificate with above certificate reference also comply(ies) with requirements for secondary certification in the following countries: Denmark, Norway, Sweden


NOTIFICATION

Certificate holder for Denmark, Norway, Sweden	Fibox Oy Ab HTC Center Keilaranta 19 FI-02150 ESPOO FINLAND Please send the invoice and the certificate directly to Certificate holder, Attn: Mr Tobias Andersson, mailto: tobias.andersson@fibox.fi
Safety standard(s) applied	EN 62208:2003
Deviations	Not applicable
EMC requirements	-
The assignment is based on	Testing in own premises from SGS Fimko Ltd.
Limitations or reservations regarding the testing / examination performed	None
Certification marks	Affixing of the certification mark(s) of the Nordic body(ies) on the product must not take place before notice about national certification is received from the individual body.
Production surveillance	Will be carried out by SGS Fimko according to agreed procedures.
Other information	When certificate is applied for in Norway (NEMKO), Denmark (DEMKO) and Sweden (SEMKO) a copy of this certificate and the enclosed material shall be attached to the application.
Test samples must be submitted to the secondary body(ies)	No
Date of issue	23 January 2018

This Notification may be challenged if it is more than 3 years old.

SGS Fimko Ltd

Signature



Sixten Lökfors
Project Manager