

EK Solid Enclosures

Product presentation

Solid protection

EK Solid range is an excellent choice to house electronic and electrical components.

EK Solid is the superb all-rounder both in and out of doors. If you need general protection, in everyday environments, Solid may be exactly the all-purpose solution you are seeking for.

It is available in polycarbonate and ABS with either screw or hinge covers.



Wide opening hinges $\pm 180^\circ$ for easy access

Guaranteed long-term ingress protection – no holes required in enclosure

Wide accessory selection

EK Solid Enclosures

The ideal alternative to polyester enclosures.
With hinged or screw cover/polycarbonate/ABS.



EK Solid Enclosures

Features



Low weight

Available in PC and ABS

IP 66/67

High impact resistance (IK 08)

Sizes from 190x190x130 up to 760x560x250

Easy machining with normal tools

Excellent insulating properties

Covers available in grey and transparent

Hinged cover version available

Two cover heights available (30 & 80 mm)

Extension frame, depth can be increased by 50 mm

Extensive range of accessories

EK Solid Enclosures

Technical Information

SOLID technical information		
Property	Polycarbonate (PC)	ABS
Ingress Protection (EN 60529)	IP 66/IP 67	IP 66/IP 67
Impact Resistance (EN 62262)	IK 08 (side surface) IK 09 (front surface)	IK 08
Temperature Range Celsius (short term) Fahrenheit	-40° . . 120°C -40° . . 250°F	-40° . . 80°C -40° . . 175°F
Temperature Range Celsius (continuous) Fahrenheit	-40° . . 80°C -40° . . 175°F	-40° . . 60°C -40° . . 140°F
Electrical Insulation	Totally insulated ☐	Totally insulated ☐
Light Grey Parts Colour	RAL 7035 Industry Grey	RAL 7035 Industry Grey
Transparent Clear PC Cover	Clear transparent	Clear transparent
Cover Screws	RAL 7035	RAL 7035
Cover Screws	Polyamide (PA)	Polyamide (PA)
Gasket	PUR	PUR
Enclosure Flammability Rating	UL 746C 5V*	
Glow Wire Test (IEC 695-2-1) Self -extinguishing (PC)	960°C	650°C
Non-toxicity	Halogen Free	Halogen Free
UV resistance	UL 508 720 hours in "Weatherometer"	
Chemical Resistance**	Good	Good

Data subject to change without notice.

** Consult separate raw material data for more detailed information

Conformity to standards

USA Enclosures for Electrical Equipment*

Canada Industrial Control Equipment
Enclosures for Electrical Equipment/ULc*

Europe Empty enclosures for low-voltage switchgear and
controlgear assemblies EN 62208:2003

Europe Safety of Information Technology Equipment EN 60950
RoHS directive 2002/95/EC

Russia GostR - Gost Russian certificate of conformity

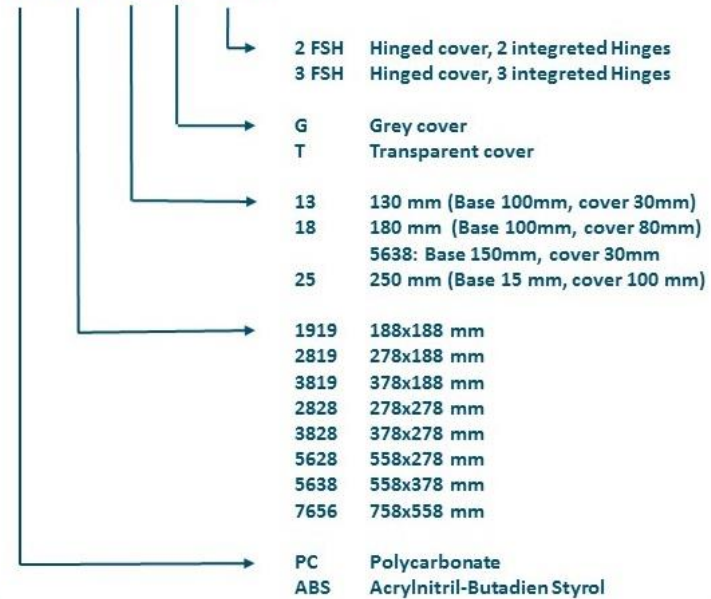
* UL label on request

EK Solid Enclosures



Product Key EK Solid

PC 1919 13 G - 2FSH

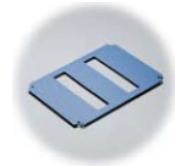


EK Solid Enclosures

Accessories

Extensive accessories

- Hinges and wall mounting
- Extension frame, height can be increased by 50 mm
- DIN rail frames
- Mounting plate, electro-galvanized steel, solid and impact-resistant
- Key-Lock set
- Cover screws
- Front plates
- Corner stud set



EK Solid Enclosures

Applications

- Ideal solution for terminal box applications and control units
- Heating, ventilation and air conditioning
- Door & Gate area
- Motor starting control



EK Solid Enclosures

Learn more:

- www.fibox.com
 - [EK Solid products](#)
 - [EK Solid accessories](#)
- Catalogues
 - [Fibox Enclosure and Cabinet Overview:](#)
 - [Enclosure catalogue 5.0](#)

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