

# 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.



# 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

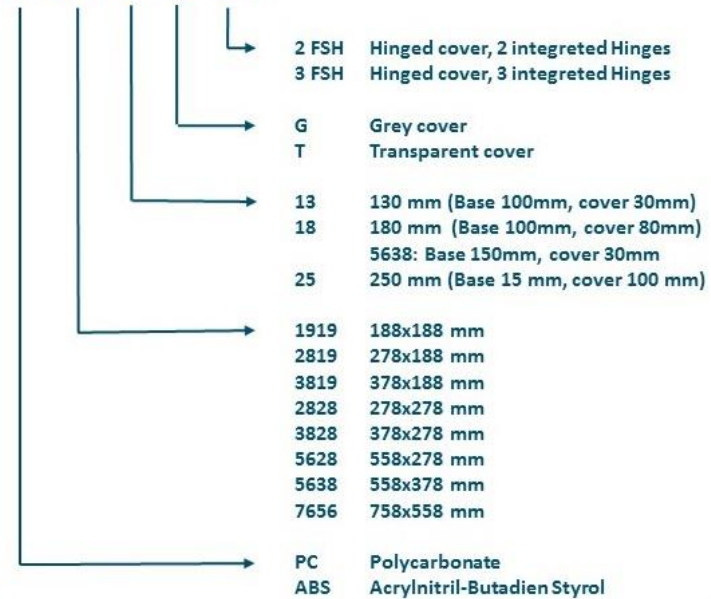
\* UL label on request

# EK Solid Enclosures



## Product Key EK Solid

PC 1919 13 G - 2FSH

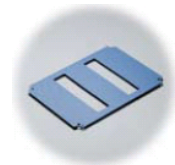
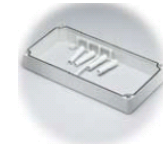


# EK Solid Enclosures

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