

Solid protection

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

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



Enclosure

- 1 Base
- 2 Cover, grey or transparent
- 3 Cover screws, various versions

Accessories

- 4 Fastening lugs, 2 pcs. incl. screws
- 5 Mounting plate, electro-galvanised steel, stable and impact-resistant
- 6 DIN rail with mounting screws
- 7 Extension frame

SOLID

Including: Base with screws for mounting plate cover with PUR gasket and polyamide cover screws.

PC: IP66/IP67, IK09/IK08

ABS: IP66/IP67, IK08

Dimensions	Order Symbol	Code	EAN Code	Description
188x188x130 mm				
	PC 1919 13 G	5330359	 6 418074 005403	Enclosure, PC Grey cover
	PC 1919 13 G-2FSH	2539505	 6 418074 052704	Enclosure, PC Grey hinged cover
	PC 1919 13 T	5330059	 6 418074 005397	Enclosure, PC Transparent cover
	PC 1919 13 T-2FSH	2539535	 6 418074 052827	Enclosure, PC Transparent hinged cover
	ABS 1919 13 G	5880359	 6 418074 039002	Enclosure, ABS Grey cover
	ABS 1919 13 G-2FSH	9880401	 6 418074 053428	Enclosure, ABS Grey hinged cover
	ABS 1919 13 T	5880059	 6 418074 039125	Enclosure, ABS Transparent cover
	ABS 1919 13 T-2FSH	9880451	 6 418074 053541	Enclosure, ABS Transparent hinged cover
188x188x180 mm				
	PC 1919 18 G	5330369	 6 418074 005427	Enclosure, PC Grey cover
	PC 1919 18 G-2FSH	2539507	 6 418074 052766	Enclosure, PC Grey hinged cover
	PC 1919 18 T	5330069	 6 418074 005410	Enclosure, PC Transparent cover
	PC 1919 18 T-2FSH	2539537	 6 418074 052889	Enclosure, PC Transparent hinged cover
	ABS 1919 18 G	5880369	 6 418074 039019	Enclosure, ABS Grey cover
	ABS 1919 18 G-2FSH	9880405	 6 418074 053480	Enclosure, ABS Grey hinged cover




Dimensions	Order Symbol	Code	EAN Code	Description
	ABS 1919 18 T	5880069	 6 418074 039132	Enclosure, ABS Transparent cover
	ABS 1919 18 T-2FSH	9880455	 6 418074 061003	Enclosure, ABS Transparent hinged cover
278x188x130 mm				
	PC 2819 13 G	5330360	 6 418074 005441	Enclosure, PC Grey cover
	PC 2819 13 G-2FSH	2539509	 6 418074 052711	Enclosure, PC Grey hinged cover
	PC 2819 13 T	5330060	 6 418074 005434	Enclosure, PC Transparent cover
	PC 2819 13 T-2FSH	2539539	 6 418074 052834	Enclosure, PC Transparent hinged cover
	ABS 2819 13 G	5880360	 6 418074 039026	Enclosure, ABS Grey cover
	ABS 2819 13 G-2FSH	9996267	 6 418074 053435	Enclosure, ABS Grey hinged cover
	ABS 2819 13 T	5880060	 6 418074 039149	Enclosure, ABS Transparent cover
	ABS 2819 13 T-2FSH	9880459	 6 418074 053558	Enclosure, ABS Transparent hinged cover

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Dimensions	Order Symbol	Code	EAN Code	Description
278x188x180 mm				
	PC 2819 18 G	5330370	 6 418074 005465	Enclosure, PC Grey cover
	PC 2819 18 G-2FSH	2539511	 6 418074 052773	Enclosure, PC Grey hinged cover
	PC 2819 18 T	5330070	 6 418074 005458	Enclosure, PC Transparent cover
	PC 2819 18 T-2FSH	2539541	 6 418074 052896	Enclosure, PC Transparent hinged cover
	ABS 2819 18 G	5880370	 6 418074 039033	Enclosure, ABS Grey cover
	ABS 2819 18 G-2FSH	9996268	 6 418074 053497	Enclosure, ABS Grey hinged cover
	ABS 2819 18 T	5880070	 6 418074 039156	Enclosure, ABS Transparent cover
	ABS 2819 18 T-2FSH	9880463	 6 418074 061010	Enclosure, ABS Transparent hinged cover
378x188x130 mm				
	PC 3819 13 G	5330361	 6 418074 005489	Enclosure, PC Grey cover
	PC 3819 13 G-2FSH	2539513	 6 418074 052735	Enclosure, PC Grey hinged cover
	PC 3819 13 T	5330061	 6 418074 005472	Enclosure, PC Transparent cover
	PC 3819 13 T-2FSH	2539543	 6 418074 052858	Enclosure, PC Transparent hinged cover
	ABS 3819 13 G	5880361	 6 418074 039040	Enclosure, ABS Grey cover
	ABS 3819 13 G-2FSH	9880425	 6 418074 053442	Enclosure, ABS Grey hinged cover
	ABS 3819 13 T	5880061	 6 418074 039163	Enclosure, ABS Transparent cover

Dimensions	Order Symbol	Code	EAN Code	Description
	ABS 3819 13 T-2FSH	9880475	 6 418074 053565	Enclosure, ABS Transparent hinged cover
378x188x180 mm				
	PC 3819 18 G	5330371	 6 418074 005502	Enclosure, PC Grey cover
	PC 3819 18 G-2FSH	2539515	 6 418074 052797	Enclosure, PC Grey hinged cover
	PC 3819 18 T	5330071	 6 418074 005496	Enclosure, PC Transparent cover
	PC 3819 18 T-2FSH	2539545	 6 418074 052919	Enclosure, PC Transparent hinged cover
	ABS 3819 18 G	5880371	 6 418074 039057	Enclosure, ABS Grey cover
	ABS 3819 18 G-2FSH	9880429	 6 418074 053503	Enclosure, ABS Grey hinged cover
	ABS 3819 18 T	5880071	 6 418074 039170	Enclosure, ABS Transparent cover
	ABS 3819 18 T-2FSH	9880479	 6 418074 061027	Enclosure, ABS Transparent hinged cover
278x278x130 mm				
	PC 2828 13 G	5330362	 6 418074 005526	Enclosure, PC Grey cover
	PC 2828 13 G-2FSH	2539517	 6 418074 052728	Enclosure, PC Grey hinged cover
	PC 2828 13 T	5330062	 6 418074 005519	Enclosure, PC Transparent cover
	PC 2828 13 T-2FSH	2539547	 6 418074 052841	Enclosure, PC Transparent hinged cover
	ABS 2828 13 G	5880362	 6 418074 039064	Enclosure, ABS Grey cover
	ABS 2828 13 G-2FSH	9880417	 6 418074 053459	Enclosure, ABS Grey hinged cover









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Including: Base with screws for mounting plate cover with PUR gasket and polyamide cover screws.

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ABS: IP66/IP67, IK08

Dimensions	Order Symbol	Code	EAN Code	Description
	ABS 2828 13 T	5880062	 6 418074 039187	Enclosure, ABS Transparent cover
	ABS 2828 13 T-2FSH	9880467	 6 418074 060976	Enclosure, ABS Transparent hinged cover
278x278x180 mm				
	PC 2828 18 G	5330372	 6 418074 005540	Enclosure, PC Grey cover
	PC 2828 18 G-2FSH	2539519	 6 418074 052780	Enclosure, PC Grey hinged cover
	PC 2828 18 T	5330072	 6 418074 005533	Enclosure, PC Transparent cover
	PC 2828 18 T-2FSH	2539549	 6 418074 052902	Enclosure, PC Transparent hinged cover
	ABS 2828 18 G	5880372	 6 418074 039071	Enclosure, ABS Grey cover
	ABS 2828 18 G-2FSH	9880421	 6 418074 053510	Enclosure, ABS Grey hinged cover
	ABS 2828 18 T	5880072	 6 418074 039194	Enclosure, ABS Transparent cover
	ABS 2828 18 T-2FSH	9880471	 6 418074 061034	Enclosure, ABS Transparent hinged cover
378x278x130 mm				
	PC 3828 13 G	5330363	 6 418074 005564	Enclosure, PC Grey cover
	PC 3828 13 G-2FSH	2539521	 6 418074 052742	Enclosure, PC Grey hinged cover
	PC 3828 13 T	5330063	 6 418074 005557	Enclosure, PC Transparent cover
	PC 3828 13 T-2FSH	2539551	 6 418074 052865	Enclosure, PC Transparent hinged cover
	ABS 3828 13 G	5880363	 6 418074 039088	Enclosure, ABS Grey cover

Dimensions	Order Symbol	Code	EAN Code	Description
	ABS 3828 13 G-2FSH	9996276	 6 418074 053466	Enclosure, ABS Grey hinged cover
	ABS 3828 13 T	5880063	 6 418074 039200	Enclosure, ABS Transparent cover
	ABS 3828 13 T-2FSH	9996269	 6 418074 060983	Enclosure, ABS Transparent hinged cover
378x278x180 mm				
	PC 3828 18 G	5330373	 6 418074 005588	Enclosure, PC Grey cover
	PC 3828 18 G-2FSH	2539523	 6 418074 052803	Enclosure, PC Grey hinged cover
	PC 3828 18 T	5330073	 6 418074 005571	Enclosure, PC Transparent cover
	PC 3828 18 T-2FSH	2539553	 6 418074 052926	Enclosure, PC Transparent hinged cover
	ABS 3828 18 G	5880373	 6 418074 039095	Enclosure, ABS Grey cover
	ABS 3828 18 G-2FSH	9996275	 6 418074 053527	Enclosure, ABS Grey hinged cover
	ABS 3828 18 T	5880073	 6 418074 039217	Enclosure, ABS Transparent cover
	ABS 3828 18 T-2FSH	9996270	 6 418074 061041	Enclosure, ABS Transparent hinged cover
558x278x130 mm				
	PC 5628 13 G	5330364	 6 418074 005601	Enclosure, PC Grey cover
	PC 5628 13 G-3FSH	2539525	 6 418074 052759	Enclosure, PC Grey hinged cover
	PC 5628 13 T	5330064	 6 418074 005595	Enclosure, PC Transparent cover
	PC 5628 13 T-3FSH	2539555	 6 418074 052872	Enclosure, PC Transparent hinged cover

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Including: Base with screws for mounting plate cover with PUR gasket and polyamide cover screws.

PC: IP66/IP67, IK09/IK08

ABS: IP66/IP67, IK08

Dimensions	Order Symbol	Code	EAN Code	Description
	ABS 5628 13 G	5880364	 6 418074 039101	Enclosure, ABS Grey cover
	ABS 5628 13 G-3FSH	9880441	 6 418074 053473	Enclosure, ABS Grey hinged cover
	ABS 5628 13 T	5880064	 6 418074 039224	Enclosure, ABS Transparent cover
	ABS 5628 13 T-3FSH	9996271	 6 418074 060990	Enclosure, ABS Transparent hinged cover
558x378x180 mm				
	PC 5638 18 G	5330365	 6 418074 005625	Enclosure, PC Grey cover
	PC 5638 18 G-3FSH	2539527	 6 418074 052810	Enclosure, PC Grey hinged cover
	PC 5638 18 T	5330065	 6 418074 005618	Enclosure, PC Transparent cover
	PC 5638 18 T-3FSH	2539557	 6 418074 052933	Enclosure, PC Transparent hinged cover
	ABS 5638 18 G	5880365	 6 418074 039118	Enclosure, ABS Grey cover
	ABS 5638 18 G-3FSH	9880445	 6 418074 053534	Enclosure, ABS Grey hinged cover
	ABS 5638 18 T	5880065	 6 418074 039231	Enclosure, ABS Transparent cover
	ABS 5638 18 T-3FSH	9996272	 6 418074 061058	Enclosure, ABS Transparent hinged cover

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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)	-40° . . 120°C	-40° . . 80°C
Temperature Range Fahrenheit (short term)	-40° . . 250°F	-40° . . 175°F
Temperature Range Celsius (continuous)	-40° . . 80°C	-40° . . 60°C
Temperature Range Fahrenheit (continuous)	-40° . . 175°F	-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

Confirmity 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

Data subject to change without notice.

**Consult separate raw material data for more detailed information