

MINI-DATA-BOX

Reliably good connections

The MINI-DATA-BOX will convince you with its compact size and attention to detail. It is suitable for a variety of indoor and outdoor applications. Designer corners play gently with the light on the surface and lend the enclosure a new lightness.

- modern enclosure design with elegant designer corners
- 40 standard enclosures
- two basic shapes: S (square) and E (edge)
- bottom part with/without flanges for screws or cable ties
- flanges provide fast mounting to walls, ceilings, rails or tube profiles and masts
- flat or high top part for individual installation configurations and user needs
- flat surfaces for interfaces - for easy and user-friendly connections
- sturdy thanks to robust construction with all-round tongue and groove joint
- high IP 65 protection class (with accessory seal) provides safety even in harsh environments
- flame-resistant material ASA+PC in the standard colours traffic white and anthracite grey,
NEW: enclosure with flanges also available in two colours, in traffic white (top part) and traffic grey A (bottom part)
- special colours available on request
- fixing supports for PCBs and components in the top and bottom parts; alternatively, potting of electronic assemblies possible
- enclosure assembled with stainless Torx steel screws

DESIGNER STATEMENT

"a little something, hardly visible but present wherever it is needed, possibly the key building block in a system that would not work without this little something. The compact enclosure is, on the one hand, the elegant protection for your components, whose design takes away the angularity of the object thanks to its slightly sloping corners, and on the other hand a securely mounted, robust enclosure, whose faceted top underlines the technical quality and function of your product in its play of light, like the cut of a diamond."

Martin Nussberger, polyform Industrie Design

MINI-DATA-BOX



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Applications and Examples

Ideal for miniaturised electronics applications, and modern sensor technology, located indoors and outside. IoT/IIoT, sensor systems, smart logistics, peripheral and interface equipment, automation, environmental technology, measurement and control engineering, security and monitoring technology, information and communications technology (ICT), etc.



Access authorization of transponders



Data logger crop management



Data logger for Driving Operations



Data logger in transportation



Environmental condition Monitoring



Gas detector for hazardous substances



Integrated MIIoT Environmental Monitoring



Motion detector with sensor for automatic control



Process control



Temperature control for machines



TENS device for pain therapy



Vessel Impact & Motion Monitoring System



Wireless Access Point

Customising Options

What do you still need for your own very personal product? We can supply enclosures and tuning knobs with all necessary modifications for fitting your electronic components. Customising options for Mini-Data-Box

MINI-DATA-BOX



Machining



Lacquering



Printing



Laser marking



EMC shielding



Installation / Assembly
of accessories

Select Versions



B1802117
MINI-DATA-BOX S40, flat
ASA+PC (UL 94 V-0)
traffic white RAL 9016
40x40x15mm
IP 65 opt., IP 40



B1802118
MINI-DATA-BOX S40, flat
ASA+PC (UL 94 V-0)
anthracite grey RAL 7016
40x40x15mm
IP 65 opt., IP 40



B1802126
MINI-DATA-BOX SF40, flat, with
flanges
ASA+PC (UL 94 V-0)
traffic white RAL 9016
40x40x15mm
IP 65 opt., IP 40



B1802127
MINI-DATA-BOX SF40, flat, with
flanges
ASA+PC (UL 94 V-0)
traffic white RAL 9016
40x40x15mm
IP 65 opt., IP 40



B1802128
MINI-DATA-BOX SF40, flat, with
flanges
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40x40x15mm
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B1802217
MINI-DATA-BOX S40, high
ASA+PC (UL 94 V-0)
traffic white RAL 9016
40x40x20mm
IP 65 opt., IP 40



B1802218
MINI-DATA-BOX S40, high
ASA+PC (UL 94 V-0)
anthracite grey RAL 7016
40x40x20mm
IP 65 opt., IP 40



B1802226
MINI-DATA-BOX SF40, high,
with flanges
ASA+PC (UL 94 V-0)
traffic white RAL 9016
40x40x20mm
IP 65 opt., IP 40

MINI-DATA-BOX



B1802227
MINI-DATA-BOX SF40, high,
with flanges
ASA+PC (UL 94 V-0)
traffic white RAL 9016
40x40x20mm
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B1802228
MINI-DATA-BOX SF40, high,
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B1804117
MINI-DATA-BOX S50, flat
ASA+PC (UL 94 V-0)
traffic white RAL 9016
50x50x15mm
IP 65 opt., IP 40



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B1804217
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B1804218
MINI-DATA-BOX S50, high
ASA+PC (UL 94 V-0)
anthracite grey RAL 7016
50x50x20mm
IP 65 opt., IP 40



B1804226
MINI-DATA-BOX SF50, high,
with flanges
ASA+PC (UL 94 V-0)
traffic white RAL 9016
50x50x20mm
IP 65 opt., IP 40



B1804227
MINI-DATA-BOX SF50, high,
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ASA+PC (UL 94 V-0)
traffic white RAL 9016
50x50x20mm
IP 65 opt., IP 40



B1804228
MINI-DATA-BOX SF50, high,
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ASA+PC (UL 94 V-0)
anthracite grey RAL 7016
50x50x20mm
IP 65 opt., IP 40



B1822117
MINI-DATA-BOX E40, flat
ASA+PC (UL 94 V-0)
traffic white RAL 9016
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IP 65 opt., IP 40



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B1824117
MINI-DATA-BOX E50, flat
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70x50x15mm
IP 65 opt., IP 40



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anthracite grey RAL 7016
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IP 65 opt., IP 40



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Accessory "protection"



B1902101
Sealing S40/SF40



B1904101
Sealing S50/SF50



B1922101
Sealing E40/EF40



B1924101
Sealing E50/EF50

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