

# 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



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  
ASA+PC (UL 94 V-0)  
anthracite grey RAL 7016  
40x40x15mm  
IP 65 opt., IP 40



**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  
IP 65 opt., IP 40



**B1802228**  
MINI-DATA-BOX SF40, high,  
with flanges  
ASA+PC (UL 94 V-0)  
anthracite grey RAL 7016  
40x40x20mm  
IP 65 opt., IP 40



**B1804117**  
MINI-DATA-BOX S50, flat  
ASA+PC (UL 94 V-0)  
traffic white RAL 9016  
50x50x15mm  
IP 65 opt., IP 40



**B1804118**  
MINI-DATA-BOX S50, flat  
ASA+PC (UL 94 V-0)  
anthracite grey RAL 7016  
50x50x15mm  
IP 65 opt., IP 40



**B1804126**  
MINI-DATA-BOX SF50, flat, with  
flanges  
ASA+PC (UL 94 V-0)  
traffic white RAL 9016  
50x50x15mm  
IP 65 opt., IP 40



**B1804127**  
MINI-DATA-BOX SF50, flat, with  
flanges  
ASA+PC (UL 94 V-0)  
traffic white RAL 9016  
50x50x15mm  
IP 65 opt., IP 40



**B1804128**  
MINI-DATA-BOX SF50, flat, with  
flanges  
ASA+PC (UL 94 V-0)  
anthracite grey RAL 7016  
50x50x15mm  
IP 65 opt., IP 40



**B1804217**  
MINI-DATA-BOX S50, high  
ASA+PC (UL 94 V-0)  
traffic white RAL 9016  
50x50x20mm  
IP 65 opt., IP 40



**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,  
with flanges  
ASA+PC (UL 94 V-0)  
traffic white RAL 9016  
50x50x20mm  
IP 65 opt., IP 40



**B1804228**  
MINI-DATA-BOX SF50, high,  
with flanges  
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  
60x40x15mm  
IP 65 opt., IP 40



**B1822118**  
MINI-DATA-BOX E40, flat  
ASA+PC (UL 94 V-0)  
anthracite grey RAL 7016  
60x40x15mm  
IP 65 opt., IP 40



**B1822126**  
MINI-DATA-BOX EF40, flat, with  
flanges  
ASA+PC (UL 94 V-0)  
traffic white RAL 9016  
60x40x15mm  
IP 65 opt., IP 40



**B1822127**  
MINI-DATA-BOX EF40, flat, with  
flanges  
ASA+PC (UL 94 V-0)  
traffic white RAL 9016  
60x40x15mm  
IP 65 opt., IP 40

# MINI-DATA-BOX



**B1822128**  
 MINI-DATA-BOX EF40, flat, with flanges  
 ASA+PC (UL 94 V-0)  
 anthracite grey RAL 7016  
 60x40x15mm  
 IP 65 opt., IP 40



**B1822217**  
 MINI-DATA-BOX E40, high  
 ASA+PC (UL 94 V-0)  
 traffic white RAL 9016  
 60x40x20mm  
 IP 65 opt., IP 40



**B1822218**  
 MINI-DATA-BOX E40, high  
 ASA+PC (UL 94 V-0)  
 anthracite grey RAL 7016  
 60x40x20mm  
 IP 65 opt., IP 40



**B1822226**  
 MINI-DATA-BOX EF40, high, with flanges  
 ASA+PC (UL 94 V-0)  
 traffic white RAL 9016  
 60x40x20mm  
 IP 65 opt., IP 40



**B1822227**  
 MINI-DATA-BOX EF40, high, with flanges  
 ASA+PC (UL 94 V-0)  
 traffic white RAL 9016  
 60x40x20mm  
 IP 65 opt., IP 40



**B1822228**  
 MINI-DATA-BOX EF40, high, with flanges  
 ASA+PC (UL 94 V-0)  
 anthracite grey RAL 7016  
 60x40x20mm  
 IP 65 opt., IP 40



**B1824117**  
 MINI-DATA-BOX E50, flat  
 ASA+PC (UL 94 V-0)  
 traffic white RAL 9016  
 70x50x15mm  
 IP 65 opt., IP 40



**B1824118**  
 MINI-DATA-BOX E50, flat  
 ASA+PC (UL 94 V-0)  
 anthracite grey RAL 7016  
 70x50x15mm  
 IP 65 opt., IP 40



**B1824126**  
 MINI-DATA-BOX EF50, flat, with flanges  
 ASA+PC (UL 94 V-0)  
 traffic white RAL 9016  
 70x50x15mm  
 IP 65 opt., IP 40



**B1824127**  
 MINI-DATA-BOX EF50, flat, with flanges  
 ASA+PC (UL 94 V-0)  
 traffic white RAL 9016  
 70x50x15mm  
 IP 65 opt., IP 40



**B1824128**  
 MINI-DATA-BOX EF50, flat, with flanges  
 ASA+PC (UL 94 V-0)  
 anthracite grey RAL 7016  
 70x50x15mm  
 IP 65 opt., IP 40



**B1824217**  
 MINI-DATA-BOX E50, high  
 ASA+PC (UL 94 V-0)  
 traffic white RAL 9016  
 70x50x20mm  
 IP 65 opt., IP 40



**B1824218**  
 MINI-DATA-BOX E50, high  
 ASA+PC (UL 94 V-0)  
 anthracite grey RAL 7016  
 70x50x20mm  
 IP 65 opt., IP 40



**B1824226**  
 MINI-DATA-BOX EF50, high, with flanges  
 ASA+PC (UL 94 V-0)  
 traffic white RAL 9016  
 70x50x20mm  
 IP 65 opt., IP 40



**B1824227**  
 MINI-DATA-BOX EF50, high, with flanges  
 ASA+PC (UL 94 V-0)  
 traffic white RAL 9016  
 70x50x20mm  
 IP 65 opt., IP 40



**B1824228**  
 MINI-DATA-BOX EF50, high, with flanges  
 ASA+PC (UL 94 V-0)  
 anthracite grey RAL 7016  
 70x50x20mm  
 IP 65 opt., IP 40

# MINI-DATA-BOX

## Accessory "protection"



B1902101  
Sealing S40/SF40



B1904101  
Sealing S50/SF50



B1922101  
Sealing E40/EF40



B1924101  
Sealing E50/EF50

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