



# FP 0101

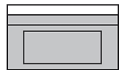
## Empty enclosures with closing plates

- with transparent door
- please order DIN rails, mounting plates or covers additionally
- closed walls
- order flanges separately

### box walls



**1 (180 mm)**  
Wandöffnung:  
100 x 80 mm



**2 (270 mm)**  
Wandöffnung:  
190 x 80 mm

### Dimension drawing



mounting width	220 mm
mounting height	130 mm
max. installation depth	with built-in mounting plate 136 mm
max. installation depth	with built-in DIN rail 125 mm
box size	1
degree of protection:	IP 65
protection class	II
material:	thermoplastic
colour:	grey RAL 7035
width	276 mm
height:	186 mm
depth	186 mm

## Operating and ambient conditions

Application area	The enclosures are suitable for outdoor installation - harsh environment and / or outdoor. The material is examined for UV resistance by the institute for plastics and thereby suitable for the outdoor installation during UV effect. However the climatic influences and effects on the equipment are to be considered.
ambient temperature	Maximum value + 70° C Minimum value - 25° C
Fire protection in the event of internal faults	Demands placed on electrical devices from standards and laws Minimum requirements - Glow wire test in accordance with IEC 60 695-2-11: - 650°C for boxes and cable glands - 850°C for parts of insulating material necessary to retain current carrying parts in position
Fire protection in the event of specific risks or hazards	Demands placed on electrical installations and devices in areas and facilities subject to fire risk, e.g. DIN VDE 0100 Part 482, official regulations, VdS directives Minimum requirements - Glow wire test to IEC 60 695-2-11: - 850°C for boxes and cable glands - 850°C for cavity wall installation - Use of fire resistant cables Glow wire test IEC 60 695-2-11: 960° C
Burning behaviour	UL Subject 94 V-2 flame resistant self-extinguishing
degree of protection against mechanical load	IK08 (5 Joule)
Toxic behaviour	halogen-free silicone-free "halogen-free" in accordance with the examination of the cables and insulated wires - corrosiveness of fumes - as per IEC 754-2 Supplementing references regarding outdoor installation - harsh environment and / or outdoor: - The top side of the boxes should be protected by a cover against weather influences such as rains, ice and snow. - Further on, also chemical influences have to be considered with the selection of the installation place - apart from the IP rating and climatic effects. - In order to keep the maximum permissible



ambient temperature of the installed equipment as well as for the prevention from condensation additional measures as ventilation and/or heating may be necessary. To material properties see technical data.

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