

Internorm



Detailed product information can be found on www.bopla.de



- 5 sizes
- More sizes on request
- Heights can be adjusted using extension sets
- Collapsible screw cover
- Integrated collapsible tip-up feet
- Front door IP 54 as an accessory
- Wall mounting is possible

Colour:

Light grey, similar to RAL 7035 and silver grey, similar to RAL 7001; special colours on request

Protection class:

IP 40/DIN EN 60529; IP 54/DIN EN 60529 as an option

Enclosure material:

PS (polystyrene); for details see Technical Information

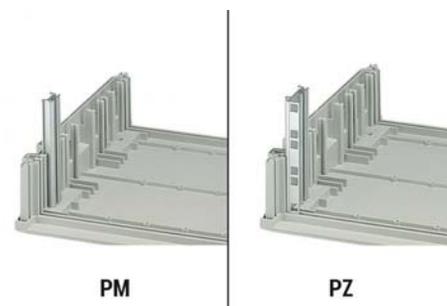
Robust plastic enclosure for fitting 19" subracks



The enclosure half-shells are screwed together by means of aluminium profiles, which allows the height to be varied.



The height of both half-shells (basic height: 3 U) can be extended in 1 U steps with extension sets. Matching profiles are available as accessories.



By using different profiles, plug-in or screwable front panels and 19" subracks can be fitted.



The continuous handle offers easy carrying and can also be used to tip-up the enclosure (available as an accessory).



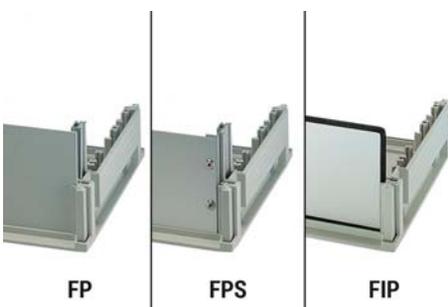
The push button-operated self-opening screw covers and tip-up feet conceal screws.



The enclosure can be upgraded to protection class IP 54 by the use of seals and IP front panels or lockable doors.



Enclosures with air vents are available on request.



Different front and rear panels allow adaptation of the enclosure to a very wide range of applications.



Optional wall mounting is by means of special profile sets.

Internorm | Enclosures



Enclosure half-shells, plain, with fitted screw covers and collapsible feet

Model	Order no.	A	B	C	a1	b1	b2	c1	U	HP
IN 25060	30250600	169	434	250	135	379	360	197	3	63
IN 35040	30350400	169	327	350	135	272	253	297	3	42
IN 35060	30350600	169	434	350	135	379	360	297	3	63
IN 35080	30350800	169	540	350	135	486	467	297	3	84
IN 45080	30450800	169	540	450	135	486	467	397	3	84

Scope of delivery: 2 enclosure half-shells including fixing material

Note: Additional sizes and types with air vents on request. Necessary mounting, 19" and corner profiles (4 pieces) as accessories.

Internorm | Accessories

Extension sets 1 U

Model	Order no.	Note
AB 25100	31251000	For IN 25...
AB 35100	31351000	For IN 35...
AB 45100	31451000	For IN 45...

Scope of delivery: 1 extension set = 2 pieces

Note: One extension set raises the enclosure by one U. Extensions sets with air vents on request.

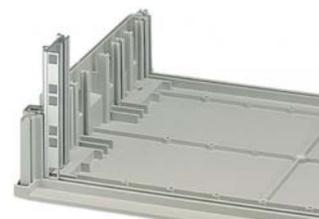


19" profile sets, natural-coloured anodised aluminium, for fitting of subracks or screw-on FPS... front panels

Model	Order no.	Note
PZ 00300	31000080	3 U
PZ 00400	31000081	4 U
PZ 00500	31000082	5 U
PZ 00600	31000083	6 U
PZ 00700	31000084	7 U
PZ 00800	31000085	8 U

Scope of delivery: 2 profiles

Note: Additional sizes on request. Fixing material KM 5, KS 5, KU 5, KM4/5.3 as accessories.

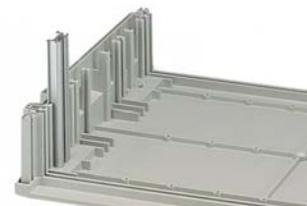


Mounting profile sets, natural-coloured anodised aluminium, vertical mounting grooves for insertion of FP..., FPK..., FIP... front panels

Model	Order no.	Note
PM 00300	31000070	3 U
PM 00400	31000071	4 U
PM 00500	31000072	5 U
PM 00600	31000073	6 U
PM 00700	31000074	7 U
PM 00800	31000075	8 U

Scope of delivery: 2 profiles

Note: Additional sizes on request. Fixing material KM 4/5.3 for profile groove as accessories.



Corner profile sets, plastic, silver grey, for pushing or latching onto the enclosure corners

Model	Order no.	Note
PEK 00300	31030300	3 U
PEK 00400	31040300	4 U
PEK 00500	31050300	5 U
PEK 00600	31060300	6 U
PEK 00700	31070300	7 U
PEK 00800	31080300	8 U

Scope of delivery: 2 profiles

Note: Additional sizes on request.



Internorm | Accessories



Wall corner profile sets, aluminium, silver grey, powdered

Model	Order no.	Note
PEW 00300	31030400	3 U

Scope of delivery: 2 profiles
Note: Additional sizes on request.



Front/rear panels, plug-in, natural-coloured anodised aluminium

Model	Order no.	Note
FP 00340	31000010	For IN ..040, 3 U
FP 00360	31000020	For IN ..060, 3 U
FP 00380	31000030	For IN ..080, 3 U

Scope of delivery: 1 front panel
Note: Only for use with PM... mounting profile. Additional sizes on request.



Front/rear panels, plug-in, plastic, light grey

Model	Order no.	Note
FPK 00340	31003400	For IN ..040, 3 U
FPK 00360	31003600	For IN ..060, 3 U
FPK 00380	31003800	For IN ..080, 3 U

Scope of delivery: 1 front panel
Note: Only for use with PM... mounting profile. Additional sizes on request.



Front/rear panels, screwable, natural-coloured anodised aluminium

Model	Order no.	Note
FPS 00180	31018100	For IN ..080, 1 U
FPS 00240	31024100	For IN ..040, 2 U
FPS 00260	31026100	For IN ..060, 2 U
FPS 00280	31028100	For IN ..080, 2 U
FPS 00340	31000040	For IN ..040, 3 U
FPS 00360	31000050	For IN ..060, 3 U
FPS 00380	31000060	For IN ..080, 3 U
FPS 00480	31000061	For IN ..080, 4 U
FPS 00580	31000062	For IN ..080, 5 U
FPS 00680	31000063	For IN ..080, 6 U

Scope of delivery: 1 front panel
Note: Only for use with PZ...19" profile. Additional sizes on request. Fixing material KM 5, KS 5, KU 5 as accessories.



Front/rear panels, plug-in, natural-coloured anodised aluminium, including fitted seal, IP 54

Model	Order no.	Note
FIP 00340	31000450	For IN ..040, 3 U
FIP 00360	31000460	For IN ..060, 3 U
FIP 00380	31000470	For IN ..080, 3 U

Scope of delivery: 1 front panel
Note: Only for use with PM... mounting profile. Additional sizes on request. The IN-DI seal is needed if ingress protection is required for the enclosure.

Internorm | Accessories

Front doors incl. lock, aluminium frame, silver grey lacquered, clear viewing window, IP 54

Model	Order no.	Note
TV 00340 IPZ	31034800	For IN ...34.
TV 00360 IPZ	31036800	For IN ...36.
TV 00380 IPZ	31038800	For IN ...38.

Scope of delivery: 1 front door including corner profiles

Note: Flat-type door for combination with handle, and additional sizes on request.



Seal IP 54 / EMC seal for enclosures and extension sets

Model	Order no.
IN-DI	31500000
IN-DI EMV	31500010

Scope of delivery: 1 m seal

Note: FIP front panels or front doors are needed if ingress protection is required for the enclosure.

Aluminium or conductive copper lacquering is required to achieve EMC protection.



Handles / tip-up bows, hinged

Model	Order no.	Note
HS 00040	31000641	For IN ...40
HS 00060	31000661	For IN ...60
HS 00080	31000681	For IN ...80

Scope of delivery: Handle side parts (PA6), profile (aluminium), seals, screws

Note: In connection with the front door, the handle recess must be at the back during fitting. Mechanical processing of the enclosure and mounting on request. The maximum load is 300 N.



Outlet filter, snap-in, ABS UL 94 V0, light grey

Model	Order no.	A	B	Note
AF 1515	31801515	150	150	Installation depth 28 mm

Scope of delivery: Lid/base, filter mat, cleaning instructions, servicing instructions

Note: Mechanical processing of the enclosures is required for the fitting of the outlet filters. Technical details, filter specifications and additional designs on request.



Internorm mounting material

Model	Order no.	Note
KM 5	54700350	M5 cage nut for fitting of BGT / FPS in the enclosure or cabinet
KS 5	54700360	M5 cross-head screw for fitting of BGT / FPS in the enclosure or cabinet
KU 5	54700370	Washer for KS 5, nickel-plated brass
KM 4/5,3	54700340	M4 cage nut for insertion into the vertical groove of PM... and PZ... profiles.

Scope of delivery: 10 pieces

