

Flush-mounted IP40 Consumer Units PNF-HW

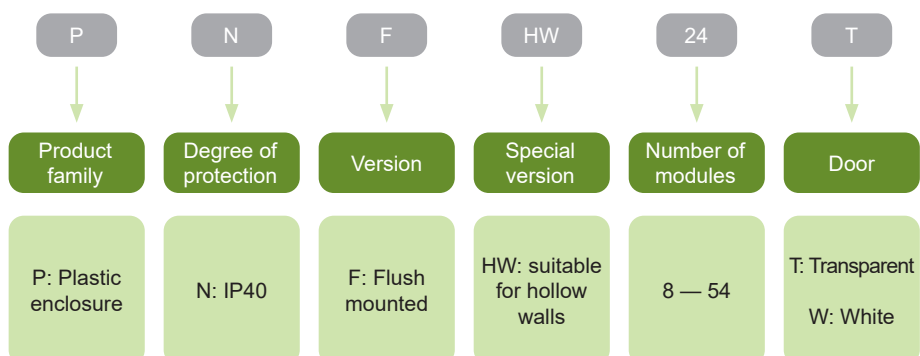


- Flush-mounted consumer units PNF-HW suitable for hollow-walls mounting
- Bottom part moulded from high-resistance plastic to fulfill requirements for hollow wall installation by means of glow wire test at 850 °C
- Degree of protection IP40
- 8 up to 54 modules
- 1 up to 3 rows
- Transparent or white door
- Special brackets for easy mounting into hollow walls

Consumer units PNF-HW are intended mainly for domestic applications. Their design is suitable for flush mounting. Dual fixing system allows using also for hollow walls. Tested with glow wire test at 850°C.

Scope of delivery consists of enclosure, door, device DIN rails, N + PE terminals, front cover with device cutout, cover for empty place and mounting material.

Type Key



Certification marks



Flush-mounted IP40 Consumer Units PNF-HW

Consumer units PNF-HW for hollow walls with transparent door

- Flush mounted version, suitable for hollow walls
- Glow wire test at 850°C
- 8, 12 or 18 modules per row
- 1 up to 3 rows
- Scope of delivery: enclosure, door, device DIN rails, N + PE terminals, front cover with device cutout, cover for empty place, mounting material



N+PE terminals	Number of rows	Total modules	Article No.	Type	Packing
8+8	1	8	106165	PNF-HW 8T	1
10+10	1	12	106166	PNF-HW 12T	1
13+13	1	18	106167	PNF-HW 18T	1
13+13	2	24	106168	PNF-HW 24T	1
15+15	2	36	106169	PNF-HW 2x18T	1
15+15	3	36	106170	PNF-HW 36T	1
26+26	3	54	106202	PNF-HW 3x18T	1

Consumer units PNF-HW for hollow walls with white door

- Flush mounted version, suitable for hollow walls
- Glow wire test at 850°C
- 8, 12 or 18 modules per row
- 1 up to 3 rows
- Scope of delivery: enclosure, door, device DIN rails, N + PE terminals, front cover with device cutout, cover for empty place, mounting material



N+PE terminals	Number of rows	Total modules	Article No.	Type	Packing
8+8	1	8	106171	PNF-HW 8W	1
10+10	1	12	106172	PNF-HW 12W	1
13+13	1	18	106173	PNF-HW 18W	1
13+13	2	24	106174	PNF-HW 24W	1
15+15	2	36	106175	PNF-HW 2x18W	1
15+15	3	36	106176	PNF-HW 36W	1
26+26	3	54	106203	PNF-HW 3x18W	1

Flush-mounted IP40 Consumer Units PNF-HW

Spare door, transparent

- Spare door for consumer unit
- Same version for PNS, PNF as well for PNF-HW line of consumer units
- Packed separately



Version	For consumer units	Article No.	Type	Packing
Transparent	PNF-HW 8T	101538	DR PNS 8T	1
Transparent	PNF-HW 12T	101539	DR PNS 12T	1
Transparent	PNF-HW 18T	101540	DR PNS 18T	1
Transparent	PNF-HW 24T	101541	DR PNS 24T	1
Transparent	PNF-HW 2x18T	101542	DR PNS 2x18T	1
Transparent	PNF-HW 36T	101543	DR PNS 36T	1
Transparent	PNF-HW 3x18T	106200	DR PNS 3x18T	1

Spare door, white

- Spare door for consumer unit
- Same version for PNS, PNF as well for PNF-HW line of consumer units
- Packed separately



Version	For consumer units	Article No.	Type	Packing
White	PNF-HW 8W	101545	DR PNS 8W	1
White	PNF-HW 12W	101546	DR PNS 12W	1
White	PNF-HW 18W	101547	DR PNS 18W	1
White	PNF-HW 24W	101548	DR PNS 24W	1
White	PNF-HW 2x18W	101549	DR PNS 2x18W	1
White	PNF-HW 36W	101550	DR PNS 36W	1
White	PNF-HW 3x18W	106201	DR PNS 3x18W	1

Lock with key

- Lock with key
- For subsequent mounting onto enclosure door
- Metal version of lock



Version of lock cover	For consumer units	Article No.	Type	Packing
Metal	PNS, PNF, PNF-HW	101573	LK PN M	1

Holder for double terminal

- Adding possibility to connect two insulate terminals together
- 1 set = 2 pieces (one per side)



Description	Article No.	Type	Packing
Holder for double terminal	110820	DTH	1 set

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Additional insulated terminal

- Additional insulated terminal with holder
- Grey colour
- 2 x 10 or 2 x 15 terminals



Description	Number of N + PE terminals	Article No.	Type	Packing
Insulated terminal	10 + 10	109053	TH CUB D	1
Insulated terminal	15 + 15	101577	TH CUB P	1

Covers for empty place

- Covers for unused 45 mm device cutouts
- White, grey or black colour
- Total width 224 mm, can be shortened
- Segmented as 1x 15 mm, 22 x 1/2 module width, 1x 15 mm



Colour	Width	Article No.	Type	Packing
White	224 mm	101574	B CC45	1/500
Grey	224 mm	113277	B CC45 G	1/500
Black	224 mm	110192	B CC45 B	1/500

Spare mounting material

- For IP40 flush mounted consumer units
- Package contains: wall holders, stickers, empty place cover



Description	Article No.	Type	Packing
Spare mounting material PNF-HW, IP40	106163	SHW PNF	1 pack

Mounting frame

- DIN rails connected to mounting frame for easier manipulation and installation



Description	Article No.	Type	Packing
Mounting frame for PNF 24 (2x12MU)	106158	MF PNF 24	1
Mounting frame for PNF 36 (3x12MU)	106159	MF PNF 36	1
Mounting frame for PNF 36 (2x18MU)	106160	MF PNF 2x18	1
Mounting frame for PNF 3x18	107029	MF PNF 3x18	1

Technical Data PNF-HW

Plastic consumer units suitable for hollow-walls, IP40, flush mounted

General parameters

Consumer units for domestic applications mainly

Flush mounted version, suitable for hollow-walls mounting

Scope of delivery: enclosure, door, device DIN rails, N + PE terminals, front cover with device cutout, cover for empty place, mounting material

Electrical parameters

Tested according to	EN 60670, EN 62208
Rated op. voltage	400 V AC
Rated frequency	50 Hz
Degree of protection	IP40
Protection class	II
Maximum power dissipation of all installed devices at ambient temperature 30 °C	
PNF-HW 8T / PNF-HW 8W	16 W
PNF-HW 12T / PNF-HW 12W	25 W
PNF-HW 18T / PNF-HW 18W	25 W
PNF-HW 24T / PNF-HW 24W	30 W
PNF-HW 2x18T / PNF-HW 2x18W	30 W
PNF-HW 36T / PNF-HW 36W	30 W
PNF-HW 3x18T / PNF-HW 3x18W	35 W

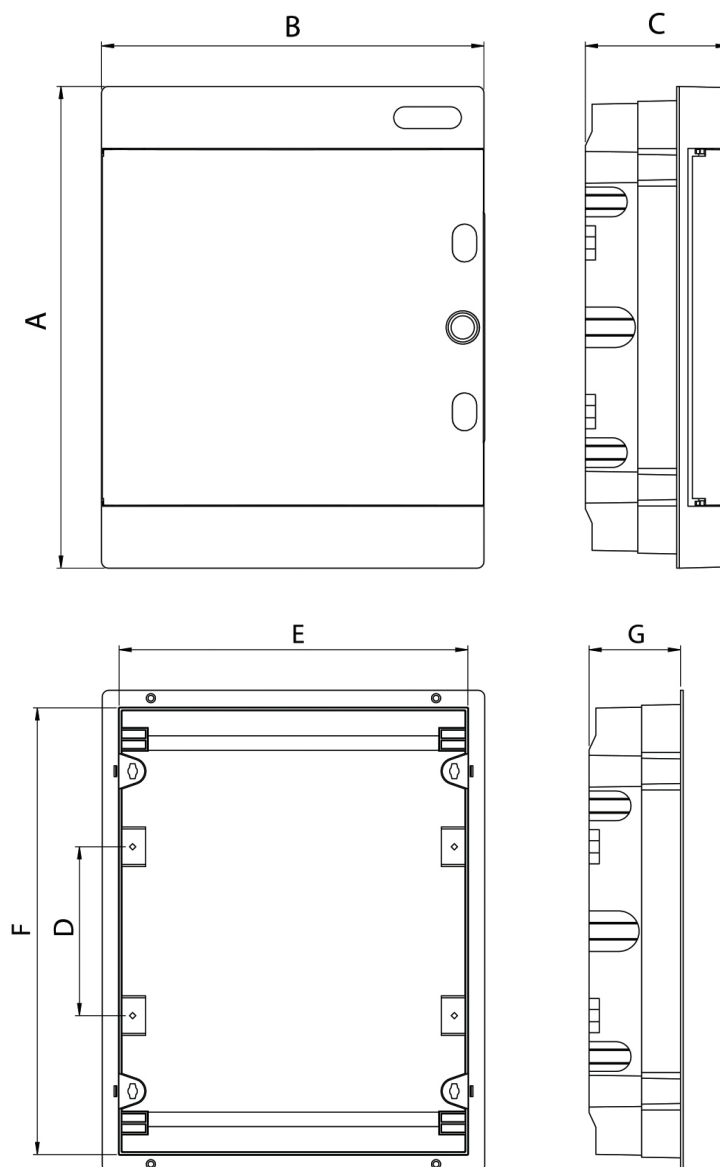
Mechanical parameters

Glow-wire test	850 °C (bottom part)
Mechanical impact resistance	IK08
Used plastics	Halogen-free
Body color	RAL9003
Operating temperature	-25°C – +60°C
Material	

Technical Data PNF-HW

Plastic consumer units suitable for hollow-walls, IP40, flush mounted

Dimensional drawings



Dimensions

Type	Dimensions [mm]						
	A	B	C	D	E	F	G
PNF-HW 8T / PNF-HW 8W	232	211	99	—	201	212	68
PNF-HW 12T / PNF-HW 12W	232	283	106	—	273	212	68
PNF-HW 18T / PNF-HW 18W	232	392	106	—	382	212	68
PNF-HW 24T / PNF-HW 24W	357	283	106	125	273	336	68
PNF-HW 2x18T / PNF-HW 2x18W	357	392	106	125	382	336	68
PNF-HW 36T / PNF-HW 36W	482	283	106	125	273	462	68
PNF-HW 3x18T / PNF-HW 3x18W	522	392	106	125	382	502	68