

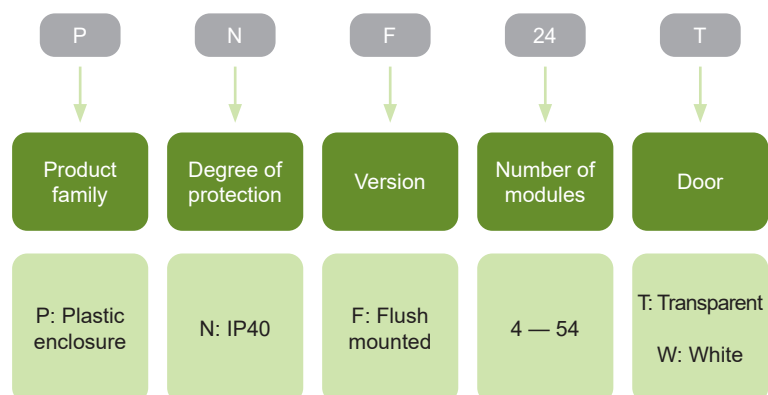
# Flush-mounted IP40 Consumer Units PNF



- Flush-mounted consumer units PNF
- Degree of protection IP40
- 4 up to 54 modules
- 1 up to 4 rows
- Transparent or white door

Consumer units PNF are intended mainly for domestic applications. Their design is suitable for flush mounting. Scope of delivery consists of enclosure, door, device DIN rails, N + PE terminals, front cover with device cutout, cover for empty place, mounting material.

## Type Key



## Certification marks



# Flush-mounted IP40 Consumer Units PNF

## Consumer units PNF with transparent door

- Flush mounted version
- 4, 8, 12, 18 or 24 modules per row
- 1 up to 4 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
4+4	1	4	110818	PNF 4T	1
8+8	1	8	101511	PNF 8T	1
10+10	1	12	101512	PNF 12T	1
13+13	1	18	101513	PNF 18T	1
13+13	1	24	113773	PNF 1x24T	1
13+13	2	24	101514	PNF 24T	1
15+15	2	36	101515	PNF 2x18T	1
15+15	3	36	101516	PNF 36T	1
20+20	4	48	113772	PNF 48T	1
26+26	3	54	106198	PNF 3x18T	1

## Consumer units PNF with white door

- Flush mounted version
- 4, 8, 12, 18 or 24 modules per row
- 1 up to 4 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
4+4	1	4	110819	PNF 4W	1
8+8	1	8	101517	PNF 8W	1
10+10	1	12	101518	PNF 12W	1
13+13	1	18	101519	PNF 18W	1
13+13	1	24	113775	PNF 1x24W	1
13+13	2	24	101520	PNF 24W	1
15+15	2	36	101521	PNF 2x18W	1
15+15	3	36	101522	PNF 36W	1
20+20	4	48	113774	PNF 48W	1
26+26	3	54	106199	PNF 3x18W	1

# Flush-mounted IP40 Consumer Units PNF

## Spare door, transparent

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



Version	For consumer units	Article No.	Type	Packing
Transparent	PNS 4T, PNF 4T	113281	DR PNS 4T	1
Transparent	PNS 8T, PNF 8T	101538	DR PNS 8T	1
Transparent	PNS 12T, PNF 12T	101539	DR PNS 12T	1
Transparent	PNS 18T, PNF 18T	101540	DR PNS 18T	1
Transparent	PNS 1x24T, PNF 1x24T	113428	DR PNS 1x24T	1
Transparent	PNS 24T, PNF 24T	101541	DR PNS 24T	1
Transparent	PNS 2x18T, PNF 2x18T	101542	DR PNS 2x18T	1
Transparent	PNS 36T, PNF 36T	101543	DR PNS 36T	1
Transparent	PNS 48T, PNF 48T	101544	DR PNS 48T	1
Transparent	PNS 3x18T, PNF 3x18T	106200	DR PNS 3x18T	1

## Spare door, white

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



Version	For consumer units	Article No.	Type	Packing
White	PNS 4W, PNF 4W	113282	DR PNS 4W	1
White	PNS 8W, PNF 8W	101545	DR PNS 8W	1
White	PNS 12W, PNF 12W	101546	DR PNS 12W	1
White	PNS 18W, PNF 18W	101547	DR PNS 18W	1
White	PNS 1x24W, PNF 1x24W	113429	DR PNS 1x24W	1
White	PNS 24W, PNF 24W	101548	DR PNS 24W	1
White	PNS 2x18W, PNF 2x18W	101549	DR PNS 2x18W	1
White	PNS 36W, PNF 36W	101550	DR PNS 36W	1
White	PNS 48W, PNF 48W	101551	DR PNS 48W	1
White	PNS 3x18W, PNF 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	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 terminals

- Additional insulated terminals 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 places

- 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, IP40	106183	SMM IP40F	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

## Plastic consumer units, IP40, flush mounted

### General parameters

Consumer units for domestic applications mainly

Flush mounted version

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 operational voltage	400 V AC 1000 V DC
Rated current	63A
Rated frequency	50 Hz
Degree of protection	IP40
Protection class	II
Maximum power dissipation of all installed devices at ambient temperature 30 °C	
PNF 4T / PNF 4W	10 W
PNF 8T / PNF 8W	16 W
PNF 12T / PNF 12W	25 W
PNF 18T / PNF 18W	25 W
PNF 1x24T / PNF 1x24W	30 W
PNF 24T / PNF 24W	30 W
PNF 2x18T / PNF 2x18W	30 W
PNF 36T / PNF 36W	30 W
PNF 48T / PNF 48W	35 W
PNF 3x18T / PNF 3x18W	35 W

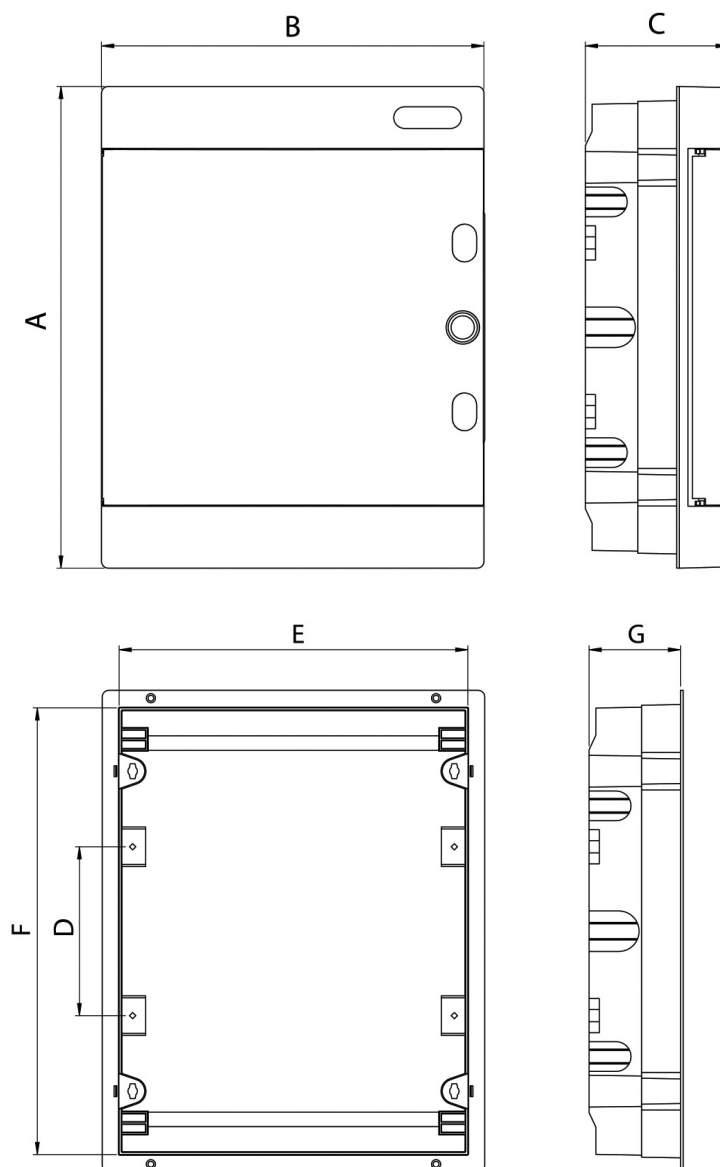
### Mechanical parameters

Glow-wire test	650 °C
Mechanical impact resistance	IK07
Used plastics	Halogen-free
Body color	RAL9003
Operating temperature	-25°C – +60°C
Material	Acrylonitrile butadiene styrene

# Technical Data PNF

Plastic consumer units, IP40, flush mounted

## Dimensional drawings



## Dimensions

Type	Dimensions [mm]						
	A	B	C	D	E	F	G
PNF 4T / PNF 4W	232	139	99	—	123	216	69
PNF 8T / PNF 8W	232	211	99	—	201	212	68
PNF 12T / PNF 12W	232	283	106	—	273	212	68
PNF 18T / PNF 18W	232	392	106	—	382	212	68
PNF 1x24T / PNF 1x24W	500	255	106	125	489	235	68
PNF 24T / PNF 24W	357	283	106	125	273	336	68
PNF 2x18T / PNF 2x18W	357	392	106	125	382	336	68
PNF 36T / PNF 36W	482	283	106	125	273	462	68
PNF 48T / PNF 48W	676	283	106	125	273	656	68
PNF 3x18T / PNF 3x18W	522	392	106	125	382	502	68