

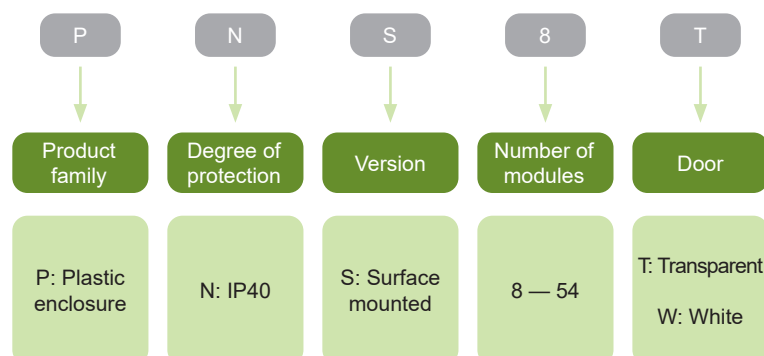
# Surface-mounted IP40 Consumer Units PNS



- Surface-mounted consumer units PNS
- Degree of protection IP40
- 8 up to 54 modules
- 1 up to 4 rows
- Transparent or white door

Consumer units PNS are intended mainly for domestic applications. Their design is suitable for surface mounting. 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



# Surface-mounted IP40 Consumer Units PNS

## Consumer units PNS with transparent door

- Surface mounted version
- 8, 12 or 18 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
8+8	1	8	101497	PNS 8T	1
10+10	1	12	101498	PNS 12T	1
13+13	1	18	101499	PNS 18T	1
13+13	2	24	101500	PNS 24T	1
15+15	2	36	101501	PNS 2x18T	1
15+15	3	36	101502	PNS 36T	1
20+20	4	48	101503	PNS 48T	1
28+28	3	54	106196	PNS 3x18T	1

## Consumer units PNS with white door

- Surface mounted version
- 8, 12 or 18 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
8+8	1	8	101504	PNS 8W	1
10+10	1	12	101505	PNS 12W	1
13+13	1	18	101506	PNS 18W	1
13+13	2	24	101507	PNS 24W	1
15+15	2	36	101508	PNS 2x18W	1
15+15	3	36	101509	PNS 36W	1
20+20	4	48	101510	PNS 48W	1
28+28	3	54	106197	PNS 3x18W	1

# Surface-mounted IP40 Consumer Units PNS

## Spare door, transparent

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



Version	For consumer units	Article No.	Type	Packing
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 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	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 as well for PNF line of consumer units
- Packed separately



Version	For consumer units	Article No.	Type	Packing
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 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	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

# Surface-mounted IP40 Consumer Units PNS

## Additional insulated terminal

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



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

## Cover for empty place

- Cover for unused 45 mm device cutout
- White colour
- Total width 224 mm, can be shortened
- Segmented as 1x 15 mm, 22 x 1/2 module width, 1x 15 mm



Description	Width	Article No.	Type	Packing
Cover	224 mm	101574	B CC45	1/500

## Spare mounting material

- For IP40 surface mounted consumer units
- Package contains: screws, wall plugs, stickers, empty place cover



Description	Article No.	Type	Packing
Spare mounting material, IP40	106184	SMM IP40S	1 pack

# Technical Data PNS

## Plastic consumer units, IP40, surface mounted

### General parameters

Consumer units for domestic applications mainly

Surface 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
Rated frequency	50 Hz
Degree of protection	IP40
Protection class	II
Maximum power dissipation of all installed devices at ambient temperature 30 °C	
PNS 8T / PNS 8W	14 W
PNS 12T / PNS 12W	22 W
PNS 18T / PNS 18W	22 W
PNS 24T / PNS 24W	24 W
PNS 2x18T / PNS 2x18W	26 W
PNS 36T / PNS 36W	26 W
PNS 48T / PNS 48W	28 W
PNS 3x18T / PNS 3x18W	26 W

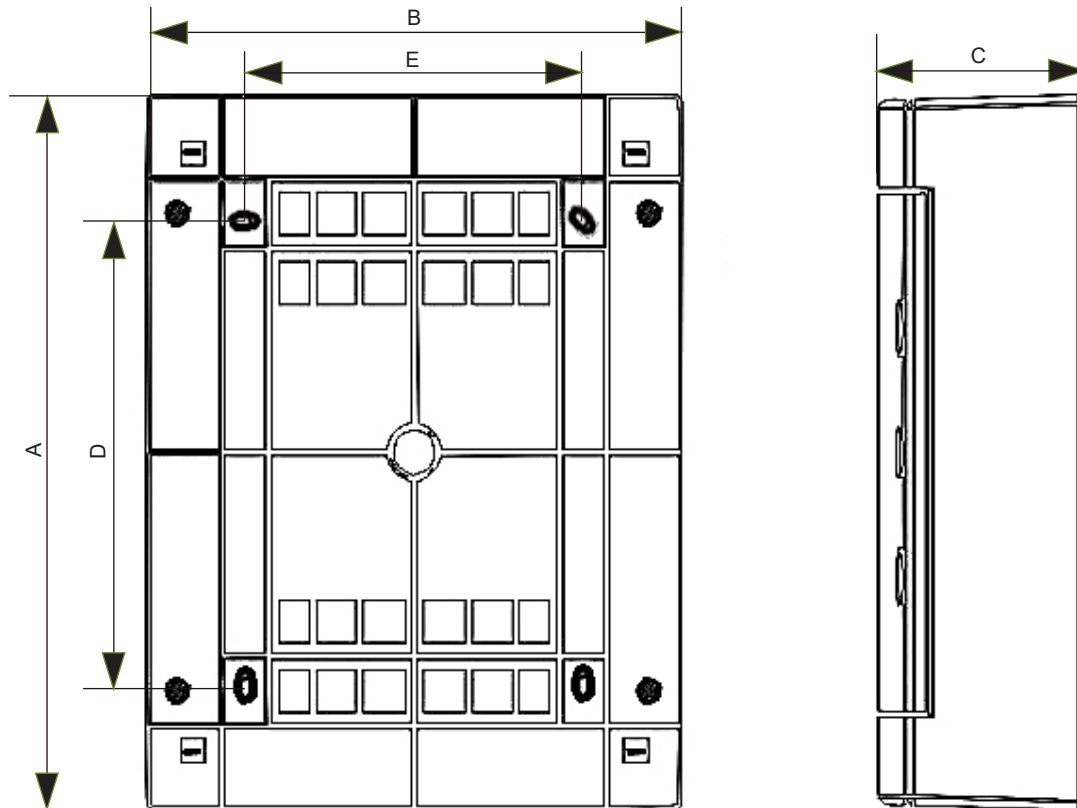
### Mechanical parameters

Glow-wire test	650 °C
Mechanical impact resistance	IK08
Used plastics	Halogen-free
Body color	RAL9003
Operating temperature	-25°C – +60°C
Material	Acrylonitrile butadiene styrene

# Technical Data PNS

Plastic consumer units, IP40, surface mounted

## Dimensional drawings



## Dimensions

Type	Dimensions [mm]				
	A	B	C	D	E
PNS 8T / PNS 8W	236	215	102	107	120
PNS 12T / PNS 12W	236	287	112	107	180
PNS 18T / PNS 18W	236	396	112	107	289
PNS 24T / PNS 24W	361	287	112	232	180
PNS 2x18T / PNS 2x18W	361	396	112	232	289
PNS 36T / PNS 36W	526	287	112	357	180
PNS 48T / PNS 48W	652	287	112	482	180
PNS 3x18T / PNS 3x18W	526	396	112	357	289