Surface-mounted IP40 Consumer Units PNS



- **Surface-mounted consumer units PNS**
- **Degree of protection IP40**
- **4 up to 72 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

P	N	S	8	T
Product family	Degree of protection	Version	Number of modules	Door
P: Plastic enclosure	N: IP40	S: Surface mounted	4 — 72	T: Transparent W: White

Certification marks

Surface-mounted IP40 Consumer Units PNS

Consumer units PNS with transparent door

- Surface 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	110815	PNS 4T	1
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	1	24	113298	PNS 1x24T	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
26+26	3	54	106196	PNS 3x18T	1
30+30	4	72	110816	PNS 4x18T	1

Consumer units PNS with white door

- Surface 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	110817	PNS 4W	1
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	1	24	113299	PNS 1x24W	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
26+26	3	54	106197	PNS 3x18W	1
30+30	4	72	113272	PNS 4x18W	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 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	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	101544	DR PNS 48T	1
Transparent	PNS 3x18T, PNF 3x18T	106200	DR PNS 3x18T	1
Transparent	PNS 4x18T, PNF 4x18T	113427	DR PNS 4x18T	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 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	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	101551	DR PNS 48W	1
White	PNS 3x18W, PNF 3x18W	106201	DR PNS 3x18W	1
White	PNS 4x18W, PNF 4x18W	113288	DR PNS 4x18W	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 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

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, 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 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
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 4T / PNS 4W	10 W
PNS 8T / PNS 8W	16 W
PNS 12T / PNS 12W	25 W
PNS 18T / PNS 18W	25 W
PNS 1x24T / PNS 1x24W	30 W
PNS 24T / PNS 24W	30 W
PNS 2x18T / PNS 2x18W	30 W
PNS 36T / PNS 36W	30 W
PNS 48T / PNS 48W	35 W
PNS 3x18T / PNS 3x18W	35 W
PNS 4x18T / PNS 4x18W	40 W

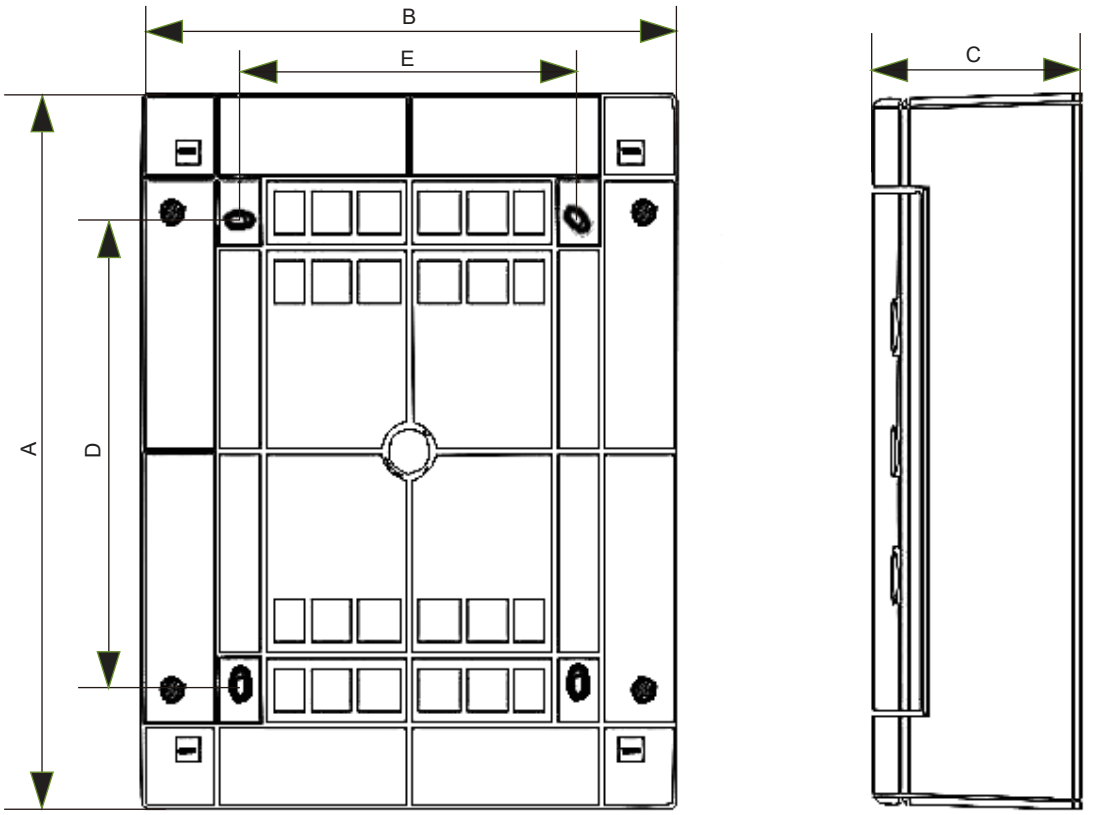
Mechanical parameters

Glow-wire test	650 °C
Mechanical impact resistance	IK08
Used plastics	Halogen-free
Body color	RAL9003
Operating temperature	-25ºC – +60ºC
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 4T / PNS 4W	235	143	98	127	46
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 1x24T / PNS 1x24W	236	503	112	107	396
PNS 24T / PNS 24W	361	287	112	232	180
PNS 2x18T / PNS 2x18W	361	396	112	232	289
PNS 36T / PNS 36W	485	287	112	357	180
PNS 48T / PNS 48W	652	287	112	482	180
PNS 3x18T / PNS 3x18W	526	396	112	357	289
PNS 4x18T / PNS 4x18W	651	396	112	482	289