

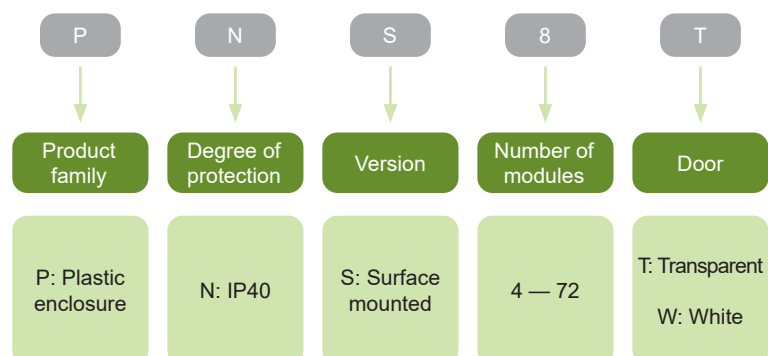
# Surface-mounted IP40 Consumer Units PNS



- 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



## 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<br>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     |

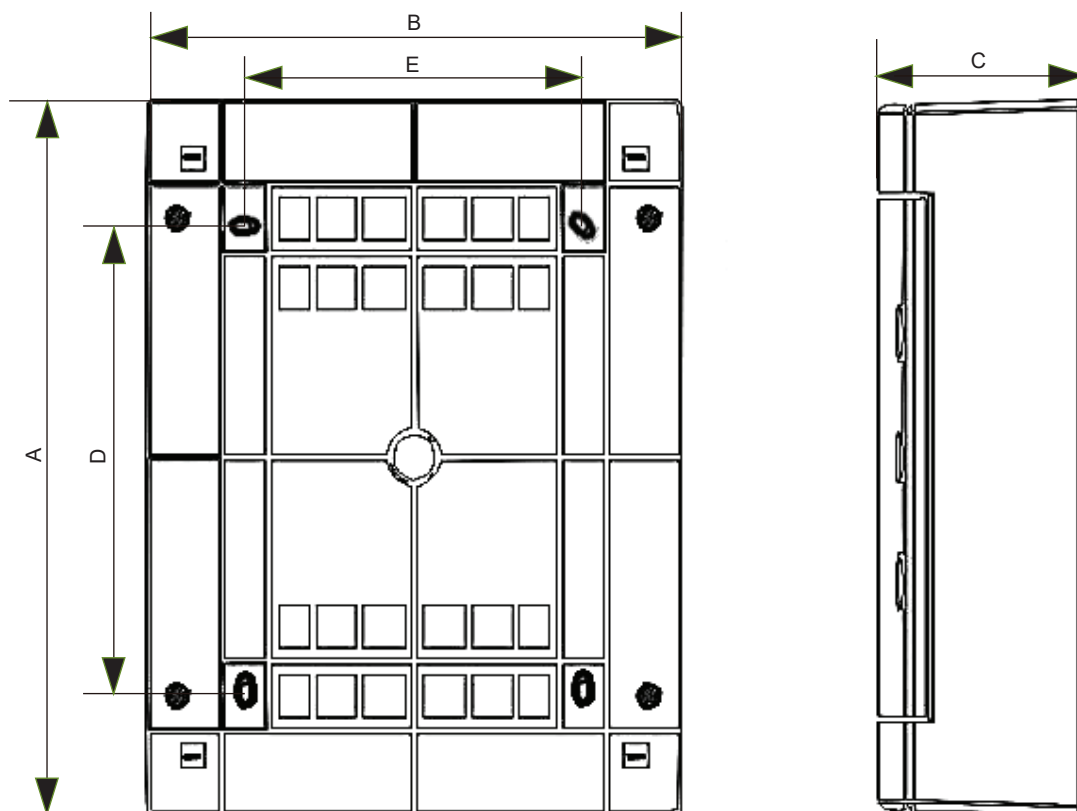
### Mechanical parameters

|                              |                                 |
|------------------------------|---------------------------------|
| Glow-wire test               | 650 °C                          |
| Mechanical impact resistance | IK08                            |
| Used plastics                | Halogen-free                    |
| Body color                   | RAL9003                         |
| Operating temperature        | -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 4T / PNS 4W       | 235             | 143 | 98  | 127 | 46  |
| PNS 8T / PNS 8W       | 236             | 287 | 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 |