

# PS 220/24-20

POWER SUPPLY UNIT 220 V AC/24 V DC

## Features

- PS 220/24-20 is a fully airtight AC/DC power supply unit designed for domestic and industrial application as part of the group control system of Vento Eco series devices based on the CT1 controller and control panels KV1 and KV2.



## Design

- The transformer is supplied in a compact dustproof and water-proof casing with an IP68 IP rating. It meets the requirements of IEC/EN 62368-1, IEC/EN 60335-1 and IEC/EN 60601-1 (3rd edition) and is 2xMORR certified.

## Installation

- The transformer is designed for indoor installation. The transformers must be installed outside of zones of high humidity and temperature. Flush installation over suspended ceiling or in a wall niche is possible.
- PS 220/24-20 is an in-built power supply unit. It is installed in sockets on walls. Connection via loose wiring. Fire safety requirements must be met when installing and operating the unit. Do not install transformers over heating devices.



## Technical data

Parameters	PS 220/24-20
Power [W]	24
Voltage AC [V]	85...264
Rated input current [A]	0.5-0.25
Input frequency [Hz]	47-63
Inrush current 115/230 V AC [A]	25/50
Input voltage DC [V]	24
Output current [A]	1
Circuit breaker rating / Characteristic	6-16 A / B or C
Power factor [ $\lambda$ ]	0.47
Output power derating - Temperature	2 % / V below 100 V AC
Output power derating - Input voltage	2 % / K above 50 °C
Means of protection	2 x MOOPP
Leakage current (max) [ $\mu$ A]	100
Touch current (max) [ $\mu$ A]	100
Network configuration	TN-S, TN-C, TT, IT
No. of outputs	1
Efficiency ratio [%]	89
Maximum casing temperature [°C]	95
Operating temperature [°C]	20...80
Storage temperature [°C]	40...90
Maximum altitude	5000 m / 50-106 kPa
External dimensions [mm]	53x51x24.5
IP rating	IP68

## Dimensions [mm]

