

# Product data sheet

## Power supply 640 mA



### Reference number

20640 REG

### KNX power supply, 640 mA

rail mounting device, 4 rail units

ETS product family: System components

Product type: Power supply

### Intended use

- Supplying KNX devices with bus voltage
- Supplying devices with DC voltage
- Mounting on DIN rail according to EN 60715 in distribution box

### Product characteristics

- Output with integrated choke for supplying KNX bus lines
- Output DC 30 V for supplying additional devices
- Nominal current can be subdivided to outputs as desired
- Reset button
- Short-circuit proof
- Overvoltage proof
- No-load protection
- Suitable for operation in systems with emergency power supply
- Floating signal contact for operating and diagnostic message
- Can be connected in parallel with identical power supply (until the maximum short-circuit current is reached)

### Technical data

|                                                 |                                 |
|-------------------------------------------------|---------------------------------|
| Rated voltage:                                  | AC 200 ... 240 V ~              |
| Mains frequency:                                | 50/60 Hz                        |
| Power loss (max. load on all outputs):          | max. 2.9 W                      |
| Efficiency:                                     | approx. 87 %                    |
| Rated voltage:                                  | DC 240 ... 250 V                |
| KNX                                             |                                 |
| KNX medium:                                     | TP 256                          |
| Bus output voltage:                             | DC 28 ... 31 V SELV             |
| Output current:                                 | 640 mA (all outputs)            |
| Short-circuit current:                          | max. 1.5 A                      |
| Parallel operation with identical power supply: | yes                             |
| Signal output                                   |                                 |
| Switching voltage AC:                           | AC 12 ... 230 V ~               |
| Switching voltage DC:                           | DC 2 ... 30 V                   |
| Switching current:                              | 5 mA ... 2 A                    |
| Ambient temperature:                            | -5 ... +45 °C                   |
| Storage/transport temperature:                  | -25 ... +75 °C                  |
| Relative humidity:                              | max. 93 % (no condensation)     |
| Mounting width:                                 | 72 mm (4 rail units)            |
| Connection mode:                                | screw terminals                 |
| stranded with ferrule:                          | 1 x 0.5 ... 2.5 mm <sup>2</sup> |