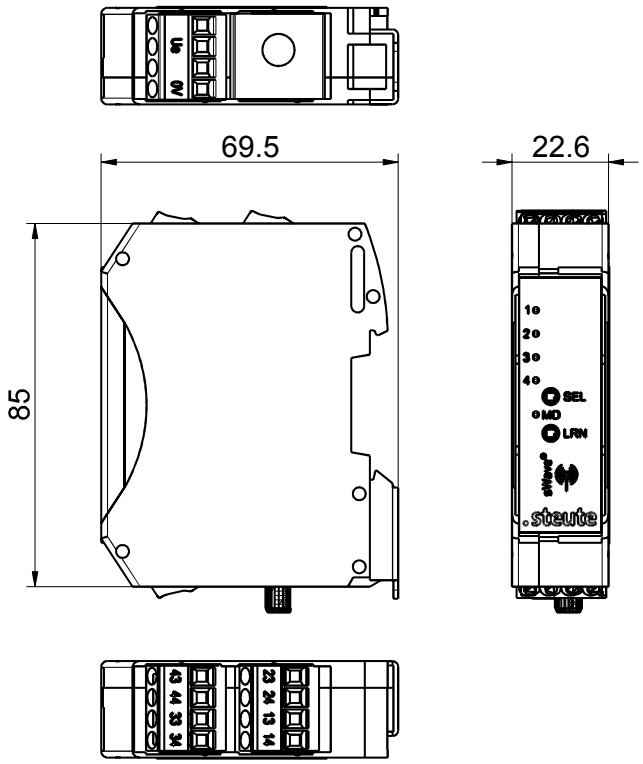
Wireless actor with 4 outputs - 24 VDC
RF Rx SW917-NET-4S-A
Material no.: 1395496

Product features

- sWave.NET® wireless technology
- 4 potential-free relay outputs
- Simple operation and integration in existing ERP systems via Sensor Bridge
- LEDs for indication of switching state
- Long transmission range (700 m outdoors, approx. 50 m indoors)
- SMA reverse plug-in connector for external antenna

Notes
- External antenna always required for optimum wireless range

Dimensions



General technical data

Applied standards
EN 60947-5-1, EN 61000-6-2, EN 61000-6-3, EN 61000-4-2, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 60068-2-6, EN 60068-2-27, EN 301 489-1, EN 301 489-3, EN 300 220-1, EN 300 220-2

Enclosure
thermoplastic, glass-fibre reinforced, shockproof, self-extinguishing UL 94 V-0

Degree of protection
IP20 (IEC/EN 60529)

Number of channels
4

Mounting
DIN rail mounting

Connection
screw connection terminals 0.14 mm² - 2,5 mm², stripping length 8 mm

Inputs
2 additional push buttons (SEL, LRN)

Outputs
4 NO contacts (relay)

Current absorption
max. 0.02 A (standby current), up to max. 0.1 A (4 relays energised)

Rated operating current/voltage I_e/U_e
max. 0.1 A/24 VDC -15 % ⋯ +10 %;
output contacts: 3 A/250 VAC; 3 A/24 VDC

Utilisation category
AC-15; DC-13

Rated insulation voltage U_i
250 VAC

Rated impulse withstand voltage U_{imp}
2.5 kV

Display
green LED: ready for operation,
orange LED: signalling of switching state

Operation cycles
max. 12000 telegrams with repetitions/h

Errors and omissions excepted.

Wireless actor with 4 outputs - 24 VDC
RF Rx SW917-NET-4S-A
Material no.: 1395496

General technical data (contd.)

Degree of pollution
2

Ambient temperature
0 °C ⋯ +55 °C

Storage and shipping temperature
–25 °C ⋯ +85 °C

Note
Inductive loads (contactors, relays etc.) are to be suppressed by suitable circuitry.
Switching contacts are not suitable for capacitive loads.

Wireless approvals
Brazil: ANATEL 04172-18-06718

Wireless technology

Protocol
sWave.NET®

Frequency
917 MHz (Brazil)

Transmission power
< 25 mW

Data rate
66 kbps

Channel bandwidth
550 kHz

Wireless range
max. 700 m outdoors, max. 50 m indoors

Errors and omissions excepted.