



ECP310D

3 Phase kWhmeter direct 125A 6M S0 MID

Technical properties

Architecture

| | |
|-----------------|-------------------------------|
| Number of poles | 4 P |
| Type of pole | 3P+N |
| Fixing mode | DIN rail type O (symmetrical) |

Functions

| | |
|------------|------------------------|
| Tarif type | T1...T2 (230 V AC) / - |
|------------|------------------------|

Configuration

| | |
|-------------------|---|
| Number of modules | 6 |
|-------------------|---|

Main electrical features

| | |
|------------------------------|------------|
| Rated operational voltage Ue | 92 / 480 V |
| Type of supply voltage | AC |
| Frequency | 50 Hz |

Voltage

| | |
|---------------------------------|-------|
| Max operating voltage | 300 V |
| Rated impulse withstand voltage | 6 kV |

Electric current

| | |
|----------------------------------|--------------|
| Minimum operating current | 0.02 A |
| Operating current | 0.02 / 125 A |
| Rated current | 125 A |
| Reference current | 5 A |
| Max. measurement circuit current | 125 A |

Dimensions

| | |
|-----------------------------|--------|
| Depth of installed product | 60 mm |
| Height of installed product | 92 mm |
| Width of installed product | 107 mm |

Power

| | |
|---------------------------|-----------------|
| Power consumed | 2 VA |
| Total power loss under IN | 0.6 W |
| Plage Impulsion/KWh | 1 / 200 Imp/kWh |

Electrical specifications

| | |
|-------------------------|------------|
| Type of pulse generator | électrical |
|-------------------------|------------|

Measurement

| | |
|--|---------------------------|
| Frequency measuring range | 45 to 65 Hz |
| Type of measuring instrument | electrical |
| Principle of measurement | Direct measurement |
| Installation, mounting | |
| Tightening torque | 5Nm |
| Mounting type | din-Rail |
| Connection | |
| Wire cross section of metering entrance wire | 50 mm ² |
| Wire cross section of metering outgoing wire | 50 mm ² |
| Settings | |
| Value of a pulse | 100 Wh |
| Equipment | |
| Type of display | retro illuminated display |
| Tariff model of kilowatt-hour meter | Externa |
| Type of counter | 4 wires counter |
| Use | |
| Pulse duration | 30 / 100 ms |
| Standards | |
| European directive WEEE | concerned |
| Safety | |
| Protection index IP | IP20 |
| Protection class | isol.class II |
| Halogen free | No |
| Use conditions | |
| Operating temperature | -25...55 °C |
| Degree of pollution according to IEC 60664 / IEC 60947-2 | 2 |
| Altitude | 2000 m |
| Storage/transport temperature | -25...70 °C |