



ECA300C

3 Phase kWhmeter via CT 1A or 5A 4M AGARDIO MID

Technical Features

Architecture

| | |
|--------------|--------|
| Bus system | MODBUS |
| Type of pole | 3P+N |

Electric current

| | |
|---------------|-----|
| Rated current | 5 A |
|---------------|-----|

Capacity

| | |
|-------------------|---|
| Number of modules | 4 |
|-------------------|---|

Connectivity

| | |
|-------------------|-----------------------|
| Connectivity type | ModBus RS-485 3 wires |
|-------------------|-----------------------|

Dimensions

| | |
|--------|-------|
| Height | 90 mm |
| Width | 72 mm |
| Depth | 60 mm |

Equipment

| | |
|-------------------------|---------|
| Type of pulse generator | Optical |
|-------------------------|---------|

Compatibility

| | |
|--------------|-----------------|
| Suitable for | Purchase/supply |
|--------------|-----------------|

Connection

| | |
|--------------------------------|------|
| Connector/plug type Bus system | RJ45 |
|--------------------------------|------|

Installation, mounting

| | |
|---------------------------|----------|
| Nominal tightening torque | 1 - 1 Nm |
| Mounting on | DIN rail |

Mechanical features

| | |
|--|----------------|
| Nominal tightening torque digital terminal | 0.50 - 0.50 Nm |
|--|----------------|

Measurement

| | |
|---------------------------------|-------------------------|
| Measuring system | Measurement transformer |
| Type of measuring instrument | Electronic |
| Current measurement range | 0.01 - 6.0 A |
| Measurement range voltage Ph-N | 92 - 276 V |
| Measurement range voltage Ph-Ph | 160 - 480 V |
| Frequency measuring range | 45 - 65 Hz |

Power supply

| | |
|-----------------------------------|---|
| Number of phases for power supply | 4 |
|-----------------------------------|---|

Functions

| | |
|----------------|----------------------------------|
| Accuracy class | B |
| Tariff type | T1...T2 (230V AC)/T1...T8 Modbus |
| Is calibrated | Yes |

Safety

| | |
|-------------------------------|------|
| Ingress Protection (IP) class | IP20 |
|-------------------------------|------|

Use conditions

| | |
|-------------------------------|-------------|
| Operating temperature | -25 - 55 °C |
| Storage/transport temperature | -25 - 70 °C |

Power

| | |
|---------------------------|--------|
| Power consumption VA | 2 VA |
| Total power loss under IN | 0.60 W |

Electric current

| | |
|-----------------------------------|-----|
| Maximum measuring circuit current | 6 A |
|-----------------------------------|-----|

Frequency

| | |
|-----------|------------|
| Frequency | 50 - 50 Hz |
|-----------|------------|

Sustainability

| | |
|-----------------|-----|
| REACH-SVHC free | Yes |
|-----------------|-----|

| | |
|--------------|-----|
| RoHS conform | Yes |
|--------------|-----|
