

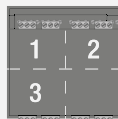
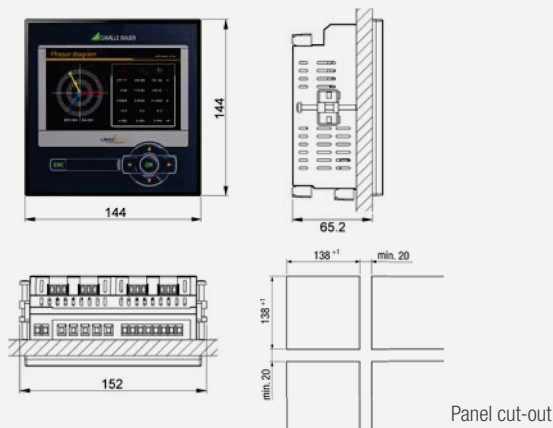


ORDER CODE PQ3000- .... ..		
<b>1. BASIC DEVICE FOR PANEL-MOUNTING</b>		
With TFT display		1
<b>2. INPUT   FREQUENCY RANGE</b>		
Current transformer inputs, 42 ... 50/60 ... 69,5 Hz		1
<b>3. POWER SUPPLY</b>		
Nominal voltage 110 ... 230 V AC, 130 ... 230 V DC		1
Nominal voltage 24 ... 48 V DC		2
Nominal voltage 110 ... 200 V AC, 110 ... 200 V DC		3
<b>4. BUS CONNECTION</b>		
Ethernet (Modbus/TCP protocol+web server)		1
Ethernet (Modbus/TCP+web server)+RS485 (Modbus/RTU)		2
<b>5. EXTENSION 1</b>		
Without		0
2 relays		1
2 analog outputs, bipolar (± 20 mA)		2
4 analog outputs, bipolar (± 20 mA)		3
4 digital inputs passive		4
4 digital inputs active		5
Fault current detection, 2 channels		6
GPS connection module		7
Temperature monitoring, 2 channels		C
<b>6. EXTENSION 2</b>		
Without		0
2 relays		1
2 analog outputs, bipolar (± 20 mA)		2
4 analog outputs, bipolar (± 20 mA)		3
4 digital inputs passive		4
4 digital inputs active		5
Fault current detection, 2 channels		6
GPS connection module		7
Profinet interface		A
IEC61850 interface		B
Temperature monitoring, 2 channels		C
<b>7. EXTENSION 3</b>		
Without		0
2 analog outputs bipolar (± 20 mA)		2
4 analog outputs bipolar (± 20 mA)		3
4 digital inputs passive		4
4 digital inputs active		5
Fault current detection, 2 channels		6
Uninterruptible power supply		8
Temperature monitoring, 2 channels		C
<b>8. TEST CERTIFICATE</b>		
Without		0
Test certificate in German		D
Test certificate in English		E

ORDER CODE PQ5000- .... ..		
<b>1. BASIC DEVICE FOR TOP-HAT RAIL MOUNTING</b>		
Without display		0
With TFT display		1
<b>2. INPUT   FREQUENCY RANGE</b>		
Current transformer inputs, 42 ... 50/60 ... 69,5 Hz		1
<b>3. POWER SUPPLY</b>		
Nominal voltage 100 ... 230 V AC/DC		1
Nominal voltage 24 ... 48 V DC		2
<b>4. BUS CONNECTION</b>		
Ethernet (Modbus/TCP+web server) + RS485 (Modbus/RTU)		1
<b>5. UNINTERRUPTIBLE POWER SUPPLY</b>		
Without		0
With uninterruptible power supply		1
<b>6. EXTENSION 1</b>		
Without		0
2 relays		1
2 analog outputs, bipolar (± 20 mA)		2
4 analog outputs, bipolar (± 20 mA)		3
4 digital inputs passive		4
4 digital inputs active		5
Fault current detection, 2 channels		6
GPS connection module		7
Profinet interface		A
IEC61850 interface		B
Temperature monitoring, 2 channels		C
<b>7. EXTENSION 2</b>		
Without		0
2 relays		1
2 analog outputs, bipolar (± 20 mA)		2
4 analog outputs, bipolar (± 20 mA)		3
4 digital inputs passive		4
4 digital inputs active		5
Fault current detection, 2 channels		6
GPS connection module		7
Temperature monitoring, 2 channels		C
<b>8. TEST CERTIFICATE</b>		
Without		0
Test certificate in German		D
Test certificate in English		E

ACCESSORIES	ARTICLE NO
Documentation on USB stick	156 027
Interface converter USB <> RS485	163 189
GPS receiver 16x-LVS, configured	181 131
Transformers for fault current detection see accessory current transformers	

**DIMENSIONAL DRAWING PQ3000**



**EXTENSIONS PQ3000**

Maximum one extension with analog outputs may be provided per device.

**DIMENSIONAL DRAWING PQ5000**

