



GEDE EDC TGU

GEDE EDC TGU, PRIME PLC concentrator

Code: Q67080.

- > 2nd transformer connection: No
- > Homologation: Iberdrola
- > Communications: PRIME
- > Digital inputs: -
- > LV supervisor: 1

Description

The **COMPACT DC** concentrator is the device used to manage and read three-phase and single-phase power meters connected to the same low-voltage network using PRIME communications.

Typically located in the transformer substation, the **COMPACT DC** concentrator provides telemanagement features for the meters, whether reading the information they provide, or executing the actions that can be applied to this type of device, such as modifying tariffs, actuating the circuit breaker, etc.

COMPACT DC has an indirect three-phase meter with low-voltage monitoring functions, depending on the model.

The device features PRIME PLC communications, an Ethernet port and digital inputs.



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Specifications

AC power supply

Consumption 7 ... 20 VA

Mechanical characteristics

Size (mm) width x height x depth 216 x 132 x 135 (mm)
 Envelope Self-extinguishing V0 plastic
 Fastening DIN rail
 Weight (kg) 1,25

Environmental characteristics

Protection class IP40
 Relative humidity (without condensation) 5 ... 95 %
 Storage temperature -30 ... + 80 °C
 Working temperature -25 ... +70 °C

Current measurement circuit

Nominal current (In) 5 A

Voltage measurement circuit

Maximum input voltage consumption 0.07 VA

Communication Network

Technology / Interface PRIME

Standards

Electrical safety, Maximum height (m) 2000
 Standards UNE-EN 61000-4-2, UNE-EN 61000-4-3, UNE-EN 61000-4-4, UNE-EN 61000-4-5, UNE-EN 62052-11, IEC 61010

User interface

LED 9 indication LEDs / 1 LED (20000 imp / kWh) / 1 LEDs (20000 imp / kVArh)

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CODE	TYPE	2nd transformer connection	Homologation	Communications	Digital inputs	LV supervisor
Q67000.	GEDE EDC	No	-	PRIME	-	No
Q67540.	GEDE EDC-T 4I	No	Naturgy	PRIME	4	1



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Q675A0.	GEDE EDC-T 4I4O	No	Naturgy	PRIME	4	1
Q67500.	GEDE EDC-T	No	Naturgy	PRIME	-	1
Q67570.	GEDE EDC-2T	Yes	Naturgy	PRIME	4	2
Q67080.	GEDE EDC TGU	No	Iberdrola	PRIME	-	1