

GEDE EDC-2T

GEDE EDC-2T, PRIME PLC concentrator

Code: Q67570.

> 2nd transformer connection: Yes

> Communications: PRIME

> LV supervisor: 2

Description

The **GEDE EDC** family concentrator is the device responsible for managing and reading three-phase and single-phase energy meters with PRIME communications connected to the same low-voltage network. The device can be configured for both PRIME 1.3.6 and PRIME 1.4, depending on the meters in its low-voltage network.

Typically located in the transformer substation, the **GEDE EDC** family concentrator enables remote management of the meters, either by reading the information they provide or by carrying out actions that can be applied to this type of device, such as changing tariffs or operating the Discon. relay, etc. The device also has an Ethernet port for external communications.

The **GEDE EDC** family comprises several concentrator models with additional features, such as an LV supervisor, digital inputs and outputs, etc.

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GEDE EDC-2T

PLC PRIME concentrator, basic model.

Code: Q67570.

Specifications

AC power supply

Consumption	11 ... 19 VA
Frequency	50 / 60 Hz
Nominal voltage	110 ... 230 V~ ±20 %

Mechanical characteristics

Size (mm) width x height x depth	279 x 120 x 130 (mm)
Envelope	Self-extinguishing V0 plastic
Fastening	DIN rail
Weight (kg)	1,8

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	19 indication LEDs / 2 LEDs (20000 imp / kWh) / 2 LEDs (20000 imp / kVArh)

GEDE EDC
PRIME PLC Concentrator

CODE	TYPE	2nd transformer connection	Homologation	Communications	Digital inputs	LV supervisor



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PLC PRIME concentrator, basic model.

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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
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