GEDE EDC-T 4I40

GEDE EDC-T 4I40, PRIME PLC Concentrator

Code: Q675A0.

> 2nd transformer connection: No
> Homologation: Naturgy
> Communications: PRIME
> Digital inputs: 4
> 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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GEDE EDC-T 4140

PLC PRIME Concentrator

Code: Q675A0.

Specifications

AC power supply	
Consumption	12 ... 27 VA
Frequency	50 / 60 Hz
Nominal voltage	110 ... 230 V~ ±20 %

Mechanical characteristics	
Size (mm) width x height x depth	203 x 120 x 130 (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	15 indication LEDs / 1 LED (20000 imp / kWh) / 1 LEDs (20000 imp / kVArh)

GEDE EDC
PRIME PLC Concentrator

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

GEDE EDC-T 4I4O

PLC PRIME Concentrator

Code: Q675A0.

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

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