



## Compact DC-S 3G BAT

Compact DC-S 3G BAT, PRIME PLC Concentrator

Code: Q46274.

- > 2nd transformer connection: No
- > Homologation: -
- > Communications: PRIME | 3G
- > 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.



## Compact DC-S 3G BAT

PLC PRIME Concentrator

Code: Q46274.

### Specifications

#### Mechanical characteristics

Size (mm) width x height x depth	241 x 120 x 130 (mm)
Fastening	DIN rail
Weight (kg)	1,68

#### Voltage measurement circuit

Installation category	CAT III 600V
Input impedance	800 K $\Omega$
Frequency measuring range	45 ... 65 Hz
Voltage measuring range	127/220 ... 230/400 V~ $\pm$ 20 %
Maximum input voltage consumption	0.07 VA
Minimum measurement voltage (Vstart)	10 V~

#### Communication Network

Technology / Type	PRIME
-------------------	-------

#### Radio communication -Antenna

	SMA female connector
--	----------------------

#### Radio communication

Band	Cuatribanda/HSPA+HSPA/UMTS 850/900/1900/2100 MHz
Technology / Type	3G (Huawei MU609)

#### COMPACT DC

PRIME PLC Concentrator

CODE	TYPE	2nd transformer connection	Homologation	Communications	Digital inputs	LV supervisor
Q46274.	Compact DC-S 3G BAT	No	-	PRIME   3G	-	1
Q4628C.	Compact DC-S MINI	No	-	PRIME	-	No
Q46210.	Compact DC-S 3G	No	Naturgy	PRIME   3G	-	1
Q46220.	Compact DC-S 4I	No	Naturgy	PRIME	4	1
Q46230.	Compact DC-S SBT	No	Naturgy	PRIME	-	1
Q46240.	Compact DC-S BASIC	No	-	PRIME   3G	-	No
Q46050.	Compact DC 2	Yes	Naturgy	PRIME	4	2
Q460B0IB00000	Compact DC CCT	No	Iberdrola	PRIME	-	1

Isolated digital inputs, 10 kV/1 min



## Compact DC-S 3G BAT

---

PLC PRIME Concentrator

Code: Q46274.

### Dimensions

---



### Connections

---

