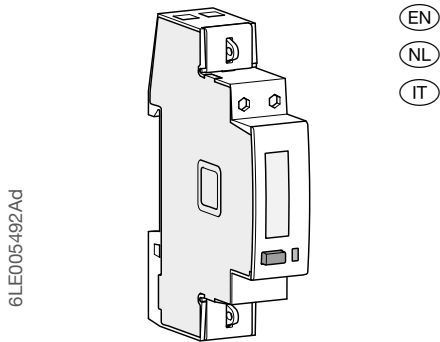
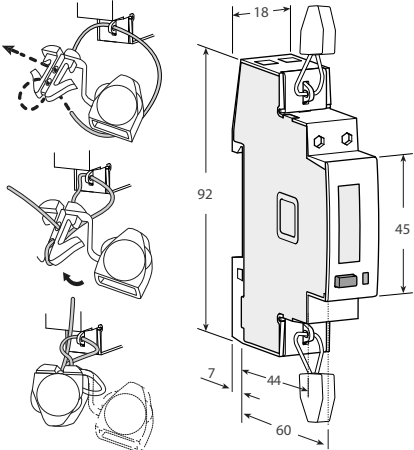
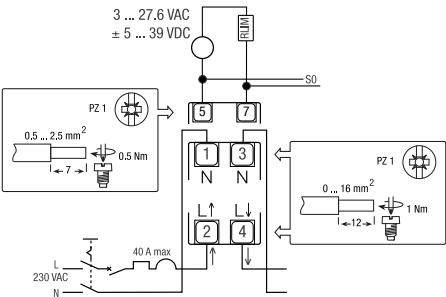




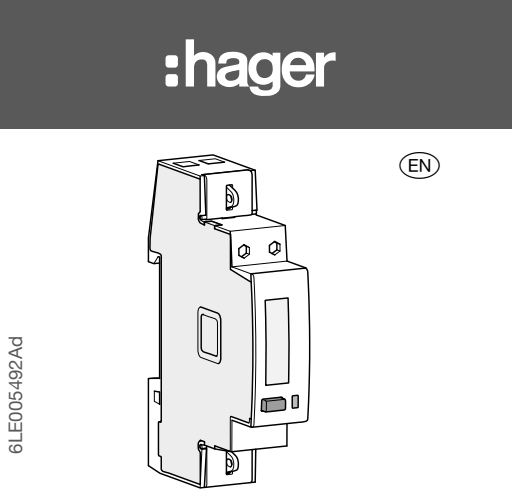
Sealable terminal cover	Dimension
Verzegelbare schroefklemafdekkap	Afmetingen
Coprimorsetto sigillabile	Dimensione



Schema di collegamento
Lunghezza di sguainatura del cavo e coppia della vite del morsetto



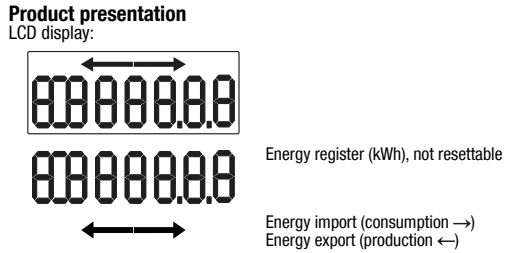
DIN	1
DIN rail	35 mm
mm	60
g	60
-	2
-	☒
VAC	230
A	5
A	0,25
A	40
A	0.020
Hz	50
-	1 / 2
kWh	→ kWh ← kWh
classe	B
classe	1
V	184 ... 276
VA / W	≤2 / ≤1
VA	≤1
-	AC
MΩ	1
mΩ	≤20
VAC	276
VAC	300
A	40
A	1200
VAC	184 ... 276
A	0.020 ... 40
Hz	45 ... 65
-	V, A, kWh, PF, Hz, kW
-	7.0 / 5.2
kWh	0.01 ... 99999.99
V	184.00 ... 276.00
A	0.00 ... 40.00
-	-1.00 ... 1.00
Hz	45.00 ... 65.00
kW	0.00 ... 11.04
s	1
p/kWh	5000
-	3
classe	II
kV	4
-	2
V	300
1.2/50 μs-kV	6
classe	V0
-	☒
-	☒
-	kWh →
p/kWh	1000
ms	100
VAC / VDC	3 ... 27.6 / ±5 ... 39
mA	90
μA	1
-	☒
°C	-25 ... +70
°C	-25 ... +55
-	M1
-	E2
-	☒
m	≤2000
-	≤75%
-	≤95%
-	IP51(*)
-	IP20



ECP140D

Safety instructions
This device must be installed only by a professional electrician fitter according to local applicable installation standards. Do not plug in or unplug this product when the power supplying is ON. Its use is only permitted within the limits shown and stated in the installation instructions. The device and the equipment connected can be destroyed by loads exceeding the values stated.

Operating principle
This meter measures the active energy used in an electrical installation.
- Active Energy Class B (according to EN 50470)
- Active Power Class 1 (according to IEC 62053-21 and IEC 61557-12)
This device has a LCD and 1 push-button key to read Energies, V, I, PF, F, P. The design and manufacture of this meter comply with Standard EN 50470-3 requirements.



- Symbols**
- One phase
 - Protected by double insulation (Class II)
 - Backstop: Reversal preventing device

Commands

Command button:
Short press: Push briefly (<1 sec.) the button and then release it.
Used to scroll pages.
Optical metrological LED

5000 imp/kWh

Note:
If no button is pushed for at least 20 seconds the display goes back to the Main Page.

**One phase energy meter,
direct connection 40 A**

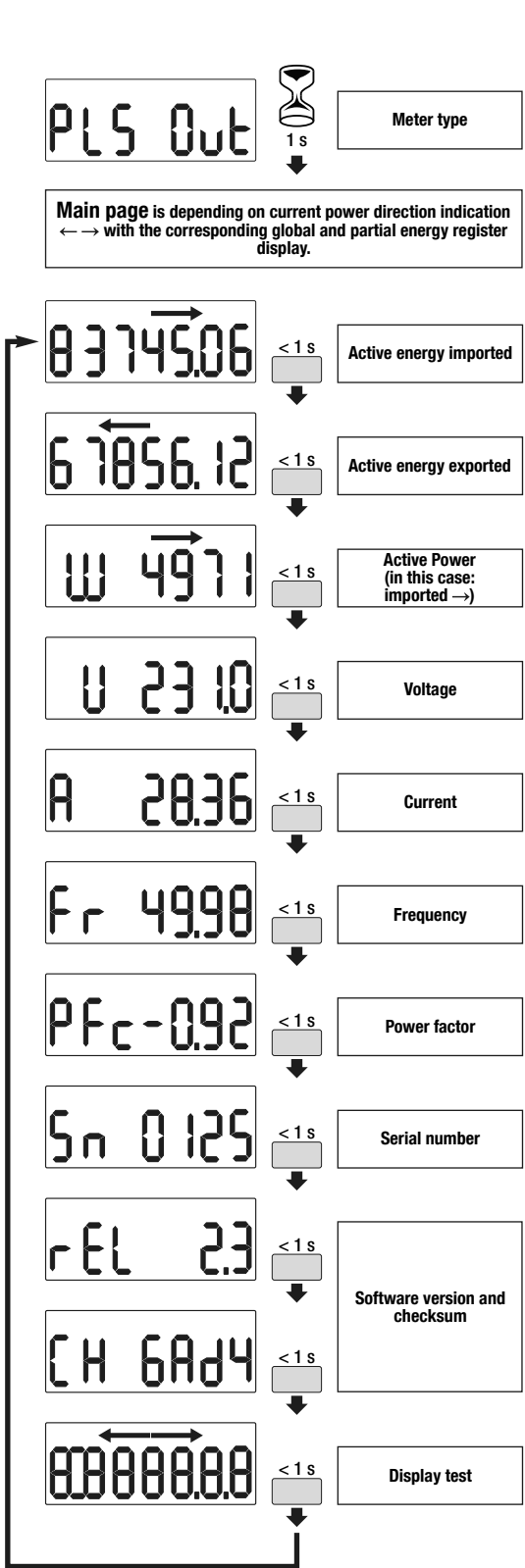
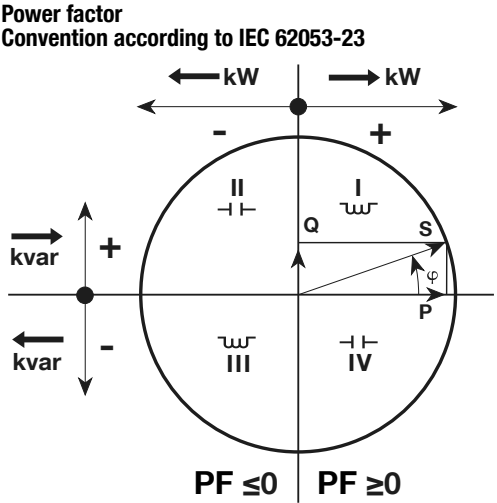
**with MID declaration of conformity
and 1 pulse (S0) output**

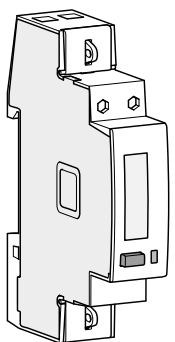
MID certification concerns active energy only.

User instructions

EU declaration of conformity:
<http://hgr.io/r/ecp140d>

Error condition:
When the display shows the message **ERROR 2** or **ERROR 3**, the meter has got a malfunction and must be replaced.





NL

**met MID-verklaring van overeenstemming
en 1 puls (S0) uitvoer**

MID certificering heeft alleen betrekking op werkelijke energie.

EU-conformiteitsverklaring:
<http://hgr.io/r/ecp140d>



ECP140D

Veiligheidsinstructies

Dit apparaat mag alleen worden geïnstalleerd door een professionele installateur in overeenstemming met de geldende installatienormen. Sluit dit product niet aan of koppel het niet los bij ingeschakelde spanning. Het gebruik ervan is alleen toegestaan binnen de aangegeven grenzen en vermeld in de installatie-instructies. Het apparaat en het aangesloten apparaat kunnen worden beschadigd door belastingen die de vermelde waarden overschrijden.

Werkingprincipe

Deze meter meet de actieve energie die wordt gebruikt in een elektrische installatie. Alleen het totale actieve energieverbruik wordt voor factureringsdoeleinden worden gebruikt volgens de meetinstrumentrichtlijn (MID).

- Reële energieklasse B (volgens EN 50470)
- Reële vermogensklasse 1 (volgens IEC 62053-21 en IEC 61557-12)

De afgelezen waarde wordt weergegeven op het LCD-scherm. Het apparaat heeft een LCD en 1 druktoets om Energies, V, I, PF, F, P te lezen. Het ontwerp en de fabricage van deze meter voldoen aan de vereisten van norm EN 50470-3.

Productpresentatie

LCD scherm:



Energieregister (kWh), niet opnieuw instelbaar



Energie-import (consomptie →)
Energie-export (productie ←)

Symbole

Een fase



 Beschermd door dubbele isolatie (klasse II)



 Backstop: apparaat om achteruitrijden te voorkomen

Commando's

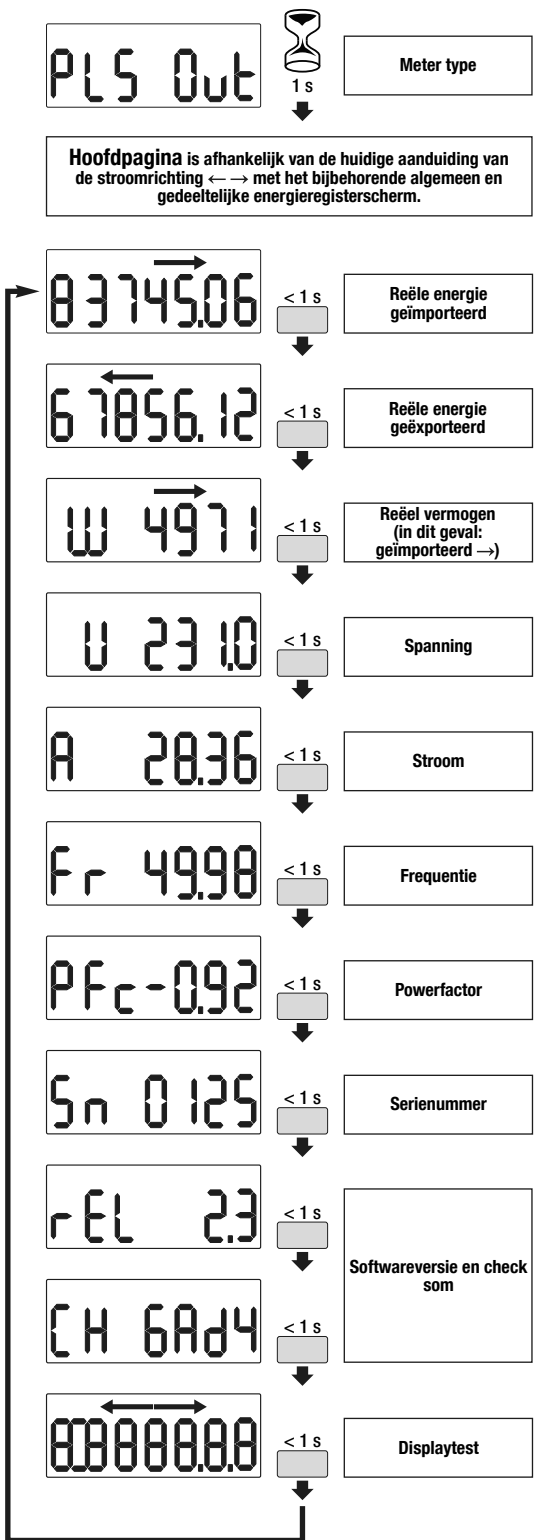


Command knop:
Korte druk: Druk kort (<1 sec.) Op de knop en laat deze dan los.
 Gebruikt om door pagina's te bladeren.
 Optische metrologische LED

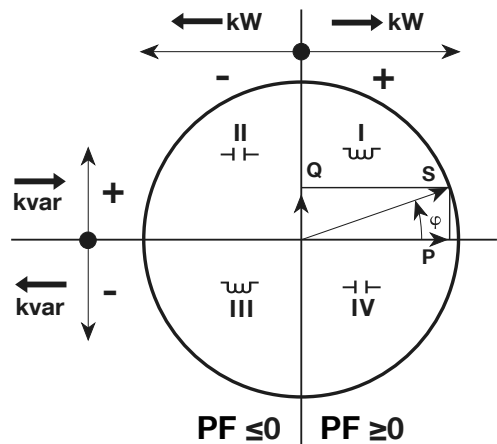


Opmerking:

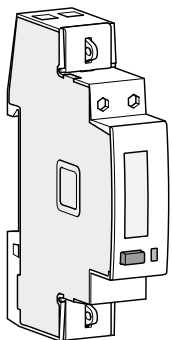
Als er ten minste 20 seconden lang op geen enkele knop wordt gedrukt, keert het display terug naar de hoofdpagina.



Powerfactor
Conventie volgens IEC 62053-23



IT



**con dichiarazione di conformità MID
e 1 impulso (S0) in uscita**

La certificazione MID riguarda solo la energia attiva.

Istruzioni per l'utente

Dichiarazione di conformità UE:
<http://hgr.io/r/ecp140d>



ECP140D

Istruzioni per la sicurezza

Questo dispositivo deve essere installato esclusivamente da un elettricista professionista secondo le norme di installazione locali applicabili. Non collegare o scollegare il prodotto quando è alimentato. Il suo utilizzo è consentito solo nei limiti indicati e dichiarati nelle istruzioni di installazione. Il dispositivo e le apparecchiature collegate possono essere danneggiati da carichi che superano i valori indicati.

Principio di funzionamento

Questo contatore misura l'energia attiva utilizzata in un'installazione elettrica. Solo il registro di energia attiva totale può essere utilizzato per la fatturazione in base alla direttiva dello strumento di misura (MID).

- Classe Energia Attiva B (secondo EN 50470)
- Classe Potenza Attiva 1 (secondo IEC 62053-21 e IEC 61557-12)

Questo dispositivo ha un display LCD e 1 pulsante per leggere Energia, V, I, PF, F, P. La progettazione e la fabbricazione di questo strumento sono conformi ai requisiti della norma EN 50470-3.

Presentazione del prodotto

Display LCD:



Registro di energia (kWh), non
resettabile



Energia importata (consumata →)
Energia esportata (prodotta ←)

Symboli



Monofase



Protetto da doppio isolamento (Classe II)



Backstop: dispositivo anti inversione

Comandi



Pulsante di comando:

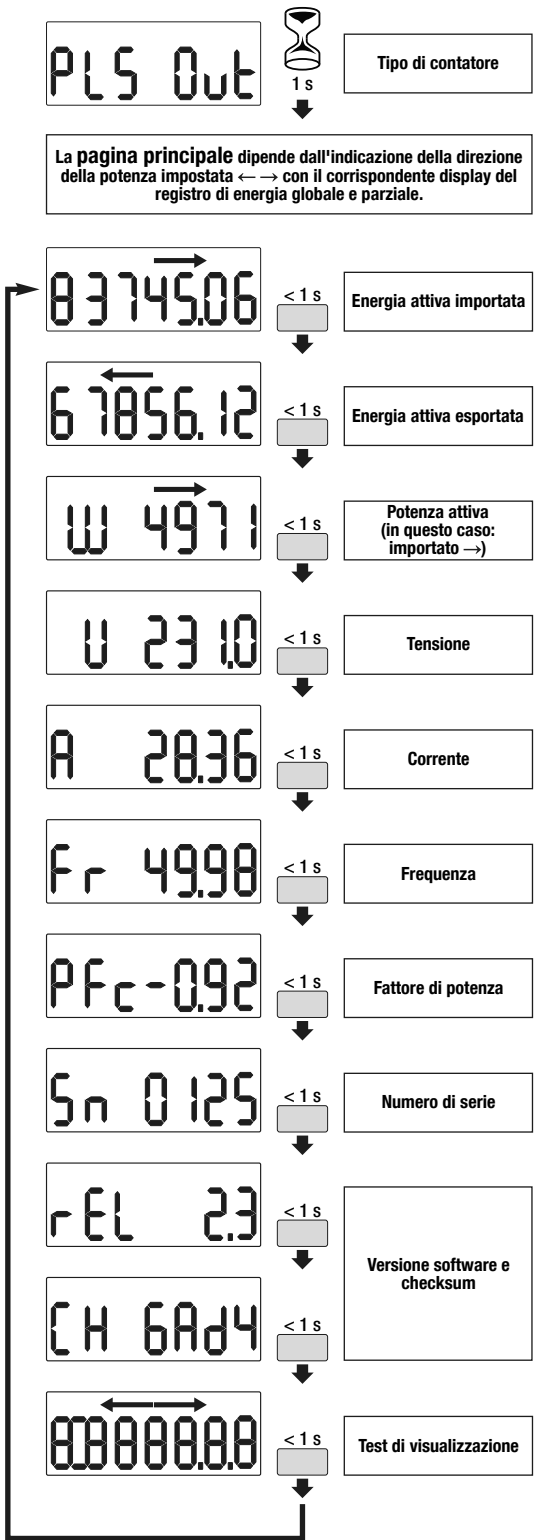
Breve pressione: Premere brevemente (<1 sec.) Il pulsante e quindi rilasciarlo.

Utilizzato per scorrere le pagine.

LED metrologico ottico



Nota:
Se non viene premuto alcun pulsante per almeno 20 secondi, il display torna alla pagina principale.



Fattore di potenza

Convenzione secondo IEC 62053-23

