

**Qty. Description**

1 ALPHA SOLAR 15-75 130



Product No.: [98989298](#)

The new ALPHA SOLAR is designed to be integrated in all kinds of thermal solar systems with either variable (matched-flow) or constant flow rate.

High-efficiency ECM (Electronically Commutated Motor) pumps, such as ALPHA SOLAR, must not be speed-controlled by an external speed controller varying or pulsing the supply voltage.

The speed can be controlled by a low-voltage PWM (Pulse Width Modulation) signal from a solar controller to optimise the solar harvesting and temperature of the system. As a result, the power consumption of the pump will be reduced considerably.

If no PWM signal is available, ALPHA SOLAR can be set to constant speed, only switched on and off by the controller.

**Features:**

- Constant speed.
- PWM A profile. The PWM signal is a method for generating an analog signal using a digital source.
- Low EEI (Energy Efficiency Index).
- Maintenance-free.
- Low noise level.
- Very simple installation.

**Liquid:**

Pumped liquid: Water  
 Liquid temperature range: 2 .. 110 °C  
 Selected liquid temperature: 60 °C  
 Density: 983.2 kg/m<sup>3</sup>

**Technical:**

TF class: 110  
 Approvals on nameplate: CE,EAC

**Materials:**

Pump housing: Cast iron

**Installation:**

Maximum ambient temperature: 70 °C  
 Maximum operating pressure: 10 bar  
 Pipe connection: G 1  
 Pressure rating: PN 10  
 Port-to-port length: 130 mm

**Electrical data:**

Power input - P1: 2 .. 45 W  
 Mains frequency: 50 / 60 Hz  
 Rated voltage: 1 x 230 V



Company name:

Created by:

Phone:

Date:

04/04/2020

Qty.	Description
	<p>Maximum current consumption: 0.04 .. 0.48 A Enclosure class (IEC 34-5): X4D Insulation class (IEC 85): F</p> <p><b>Others:</b> Energy (EEI): 0.20 Net weight: 1.88 kg Gross weight: 2.07 kg Shipping volume: 0.004 m<sup>3</sup> Country of origin: DK Custom tariff no.: 84137030</p>

Description	Value
<b>General information:</b>	
Product name:	ALPHA SOLAR 15-75 130
Product No:	98989298
EAN number:	5712604776650
	5712604776650
Price:	361,00 EUR
<b>Technical:</b>	
Head max:	75 dm
TF class:	110
Approvals on nameplate:	CE,EAC
<b>Materials:</b>	
Pump housing:	Cast iron
<b>Installation:</b>	
Maximum ambient temperature:	70 °C
Maximum operating pressure:	10 bar
Pipe connection:	G 1
Pressure rating:	PN 10
Port-to-port length:	130 mm
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	2 .. 110 °C
Selected liquid temperature:	60 °C
Density:	983.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Power input - P1:	2 .. 45 W
Mains frequency:	50 / 60 Hz
Rated voltage:	1 x 230 V
Maximum current consumption:	0.04 .. 0.48 A
Enclosure class (IEC 34-5):	X4D
Insulation class (IEC 85):	F
<b>Controls:</b>	
Pos term box:	9H
<b>Others:</b>	
Energy (EEL):	0.20
Net weight:	1.88 kg
Gross weight:	2.07 kg
Shipping volume:	0.004 m <sup>3</sup>
Country of origin:	DK
Custom tariff no.:	84137030

