Qty.	Description
1	**HYDRO MULTI-E 4 CRIE 5-9**

Note! Product picture may differ from actual product

Product No.: 98486781

GRUNDFOS Hydro Multi-E booster sets are designed for the transfer and pressure boosting of clean water in waterworks, blocks of flats, hotels, industry, hospitals, schools, etc.

GRUNDFOS Hydro Multi-E booster set consists of 2 to 4 CRIE pumps coupled in parallel and mounted on a common base frame provided with all the necessary fittings.

Hydro Multi-E is mounted on a common base frame made of stainless steel (DIN W.-Nr. 1.4301).
On the suction side are fitted a suction manifold (DIN W.-Nr.
1.4401 or DIN W.-Nr.
1.4571) , a pressure switch mounted on a drainable valve and an isolating valve.
On the discharge side of the pumps are fitted a non-return valve, an isolating valve, a pressure gauge, two pressure transmitters mounted on a drainable valve a diaphragm tank and a stainless steel discharge manifold (DIN W.-Nr.

1.4401 or DIN W.-Nr.
1.4571).
The Hydro Multi-E is fitted with an on/off-switch for the supply voltage.

The Hydro Multi-E is designed for maintaining a constant pressure regardless of flow changes and fluctuation.

The internal PI-controller regulates the number of running pumps and the speed of the pumps according to the required flow.

The system can be operated directly on the panel of any of the pumps or via Grundfos GO (available as accessory)

Besides the system features:
2 Digital outputs
2 Digital inputs (one used for dry run protection)
2 Analogue inputs (one used for discharge pressure sensor)
Multi-Master functionality
2 Limit functions
Set-point influence function
Pipe filling function
High efficient PM motors

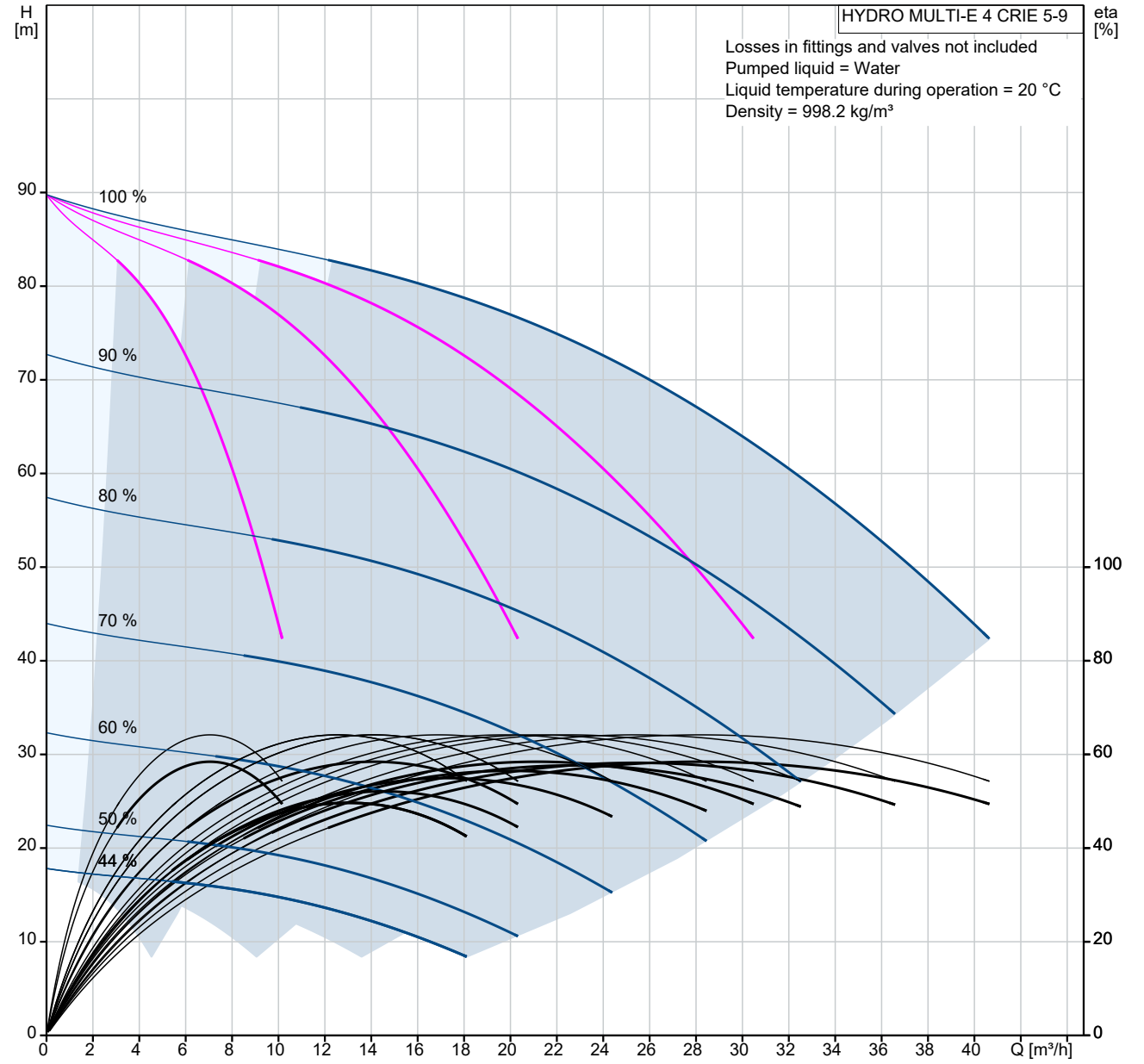
Available communication protocols:
•LON
•Profibus
•Modbus
•SMS/GSM/GPRS
•GRM
•BACnet
•BACnet IP
•Modbus TCP
•PROFINET

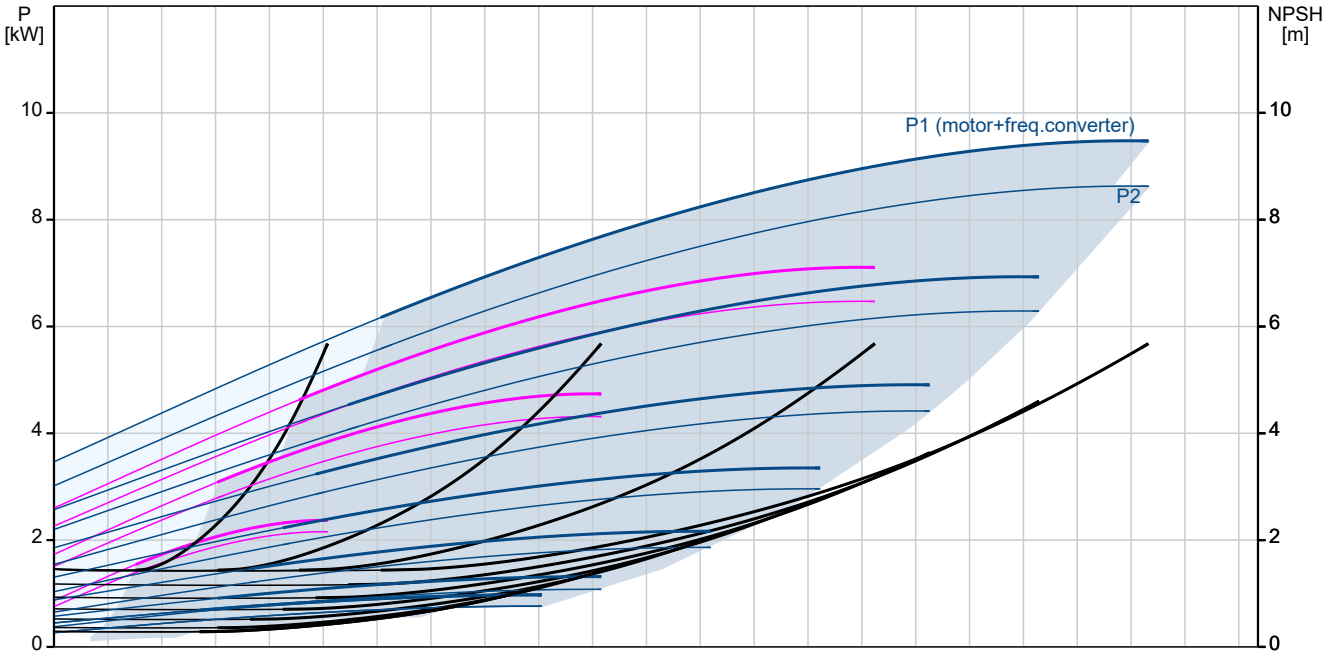
When delivered, the GRUNDFOS Hydro Multi-E booster set is factory tested and ready for operation.

Liquid:
Pumped liquid: Water

Qty.	Description	
1	Liquid temperature range:	5 .. 60 °C
	Selected liquid temperature:	20 °C
	Density:	998.2 kg/m³
	Technical:	
	Max flow:	40.8 m³/h
	Materials:	
	Pump housing:	Stainless steel
	Installation:	
	Maximum operating pressure:	16 bar
	Maximum permissible inlet pressure:	PN 16 bar
	Flange standard:	DIN ISO 7/1
	Manifold inlet:	R 2 1/2
	Manifold outlet:	R 2 1/2
	Electrical data:	
	IE Efficiency class:	IE5
	Power (P2) main pump:	2.2 kW
	Mains frequency:	50 / 60 Hz
	Rated voltage:	3 x 380-415 V
	Rated current:	16.1 A
	Start. method:	electronically
	Enclosure class (IEC 34-5):	IP54
	Tank:	
	Volume of pressure tank:	12 l
	Diaphragm tank:	Yes
	Others:	
	Net weight:	192 kg
	Gross weight:	214 kg
	Shipping volume:	0.6 m³
	Language:	GB
	Country of origin:	DE
	Custom tariff no.:	84137075

98486781 HYDRO MULTI-E 4 CRIE 5-9





Description	Value
General information:	
Product name:	HYDRO MULTI-E 4 CRIE 5-9
Product No:	98486781
EAN number:	5711495954482
Technical:	
Max flow:	40.8 m³/h
Min flow system:	0.69 m³/h
Head max:	93 m
Pump name:	CRIE 5-9
Number of pumps:	4
Materials:	
Pump housing:	Stainless steel
Manifolds:	Stainless steel
Installation:	
Maximum operating pressure:	16 bar
Maximum permissible inlet pressure:	PN 16 bar
Flange standard:	DIN ISO 7/1
Manifold inlet:	R 2 1/2
Manifold outlet:	R 2 1/2
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	5 .. 60 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
IE Efficiency class:	IE5
Power (P2) main pump:	2.2 kW
Mains frequency:	50 / 60 Hz
Rated voltage:	3 x 380-415 V
Rated current:	16.1 A
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Volume of pressure tank:	12 l
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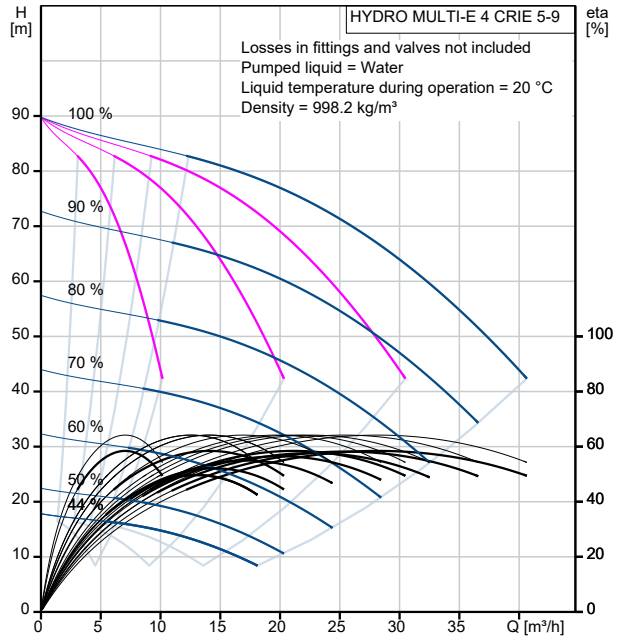

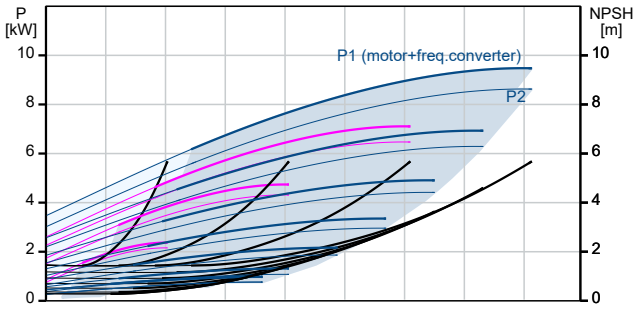

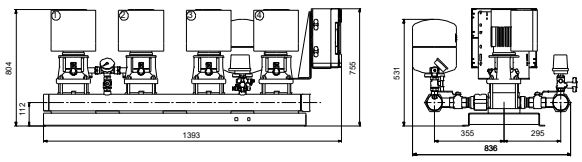

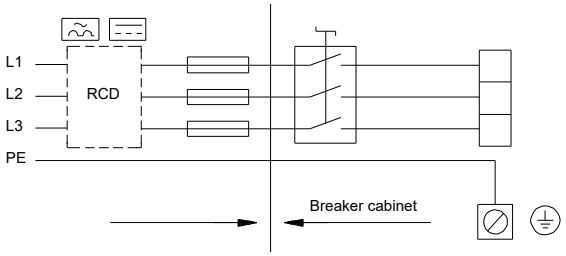

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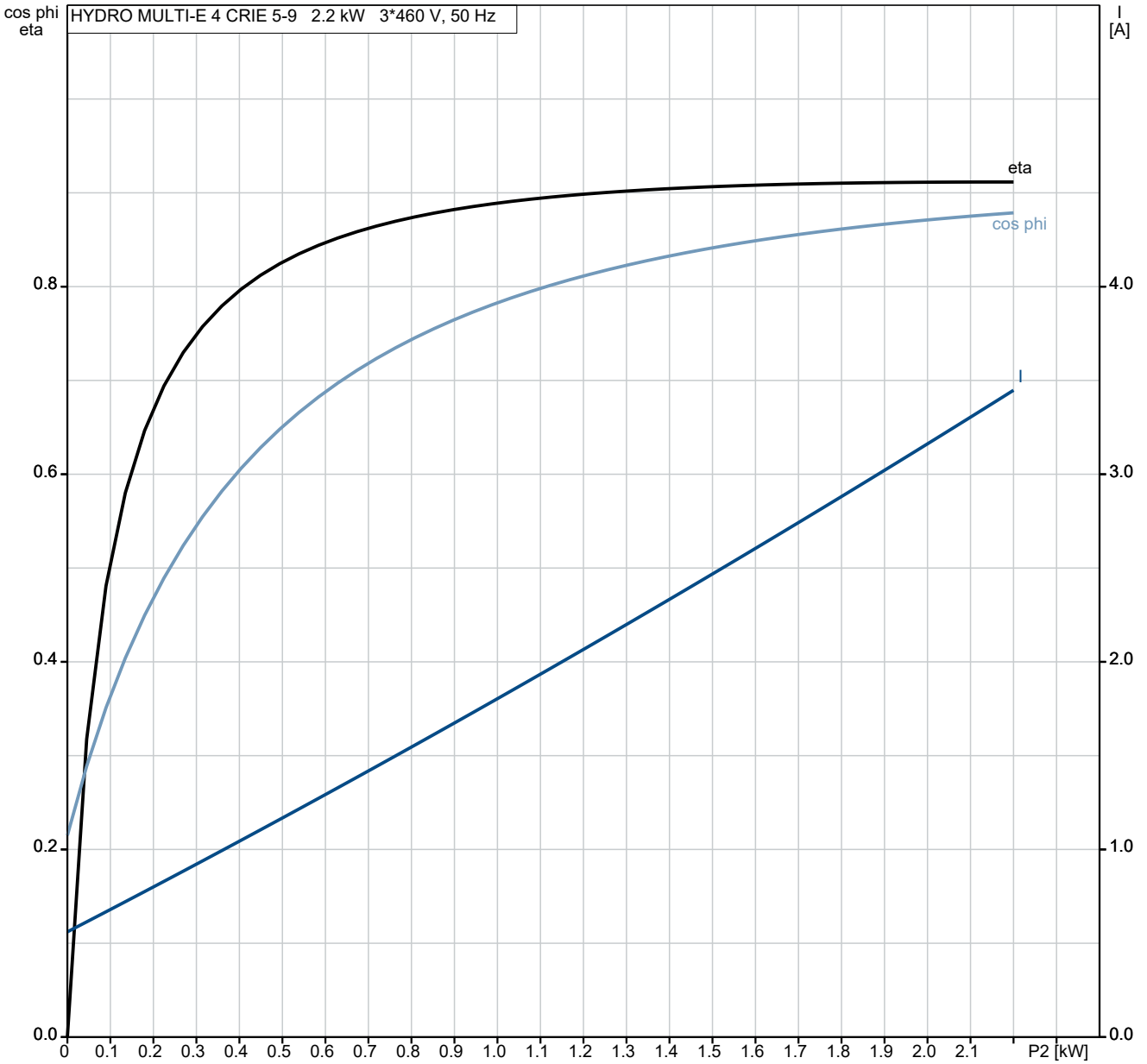

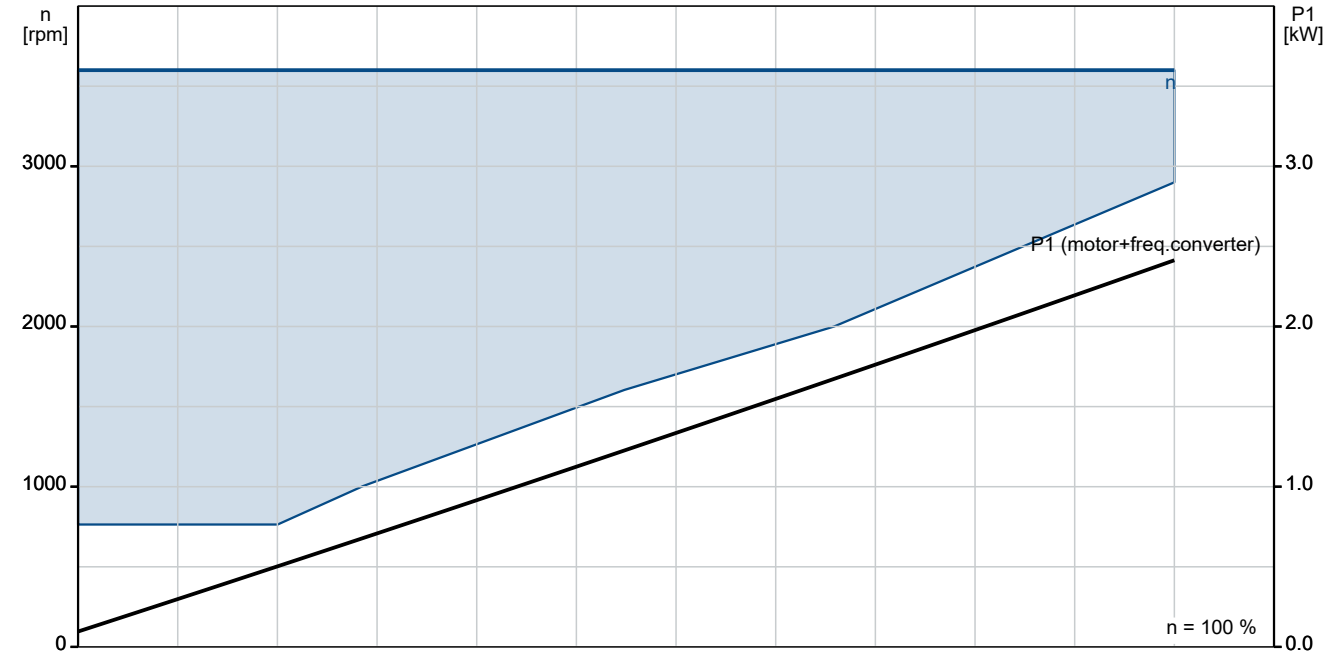

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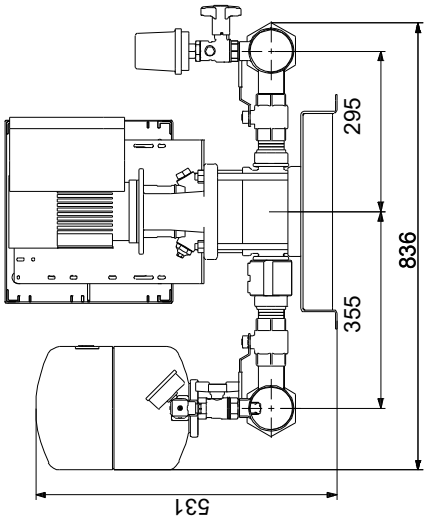

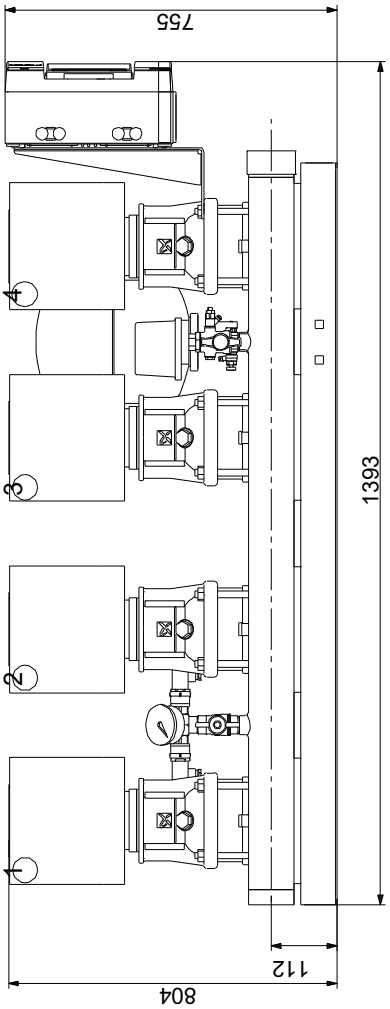

Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.

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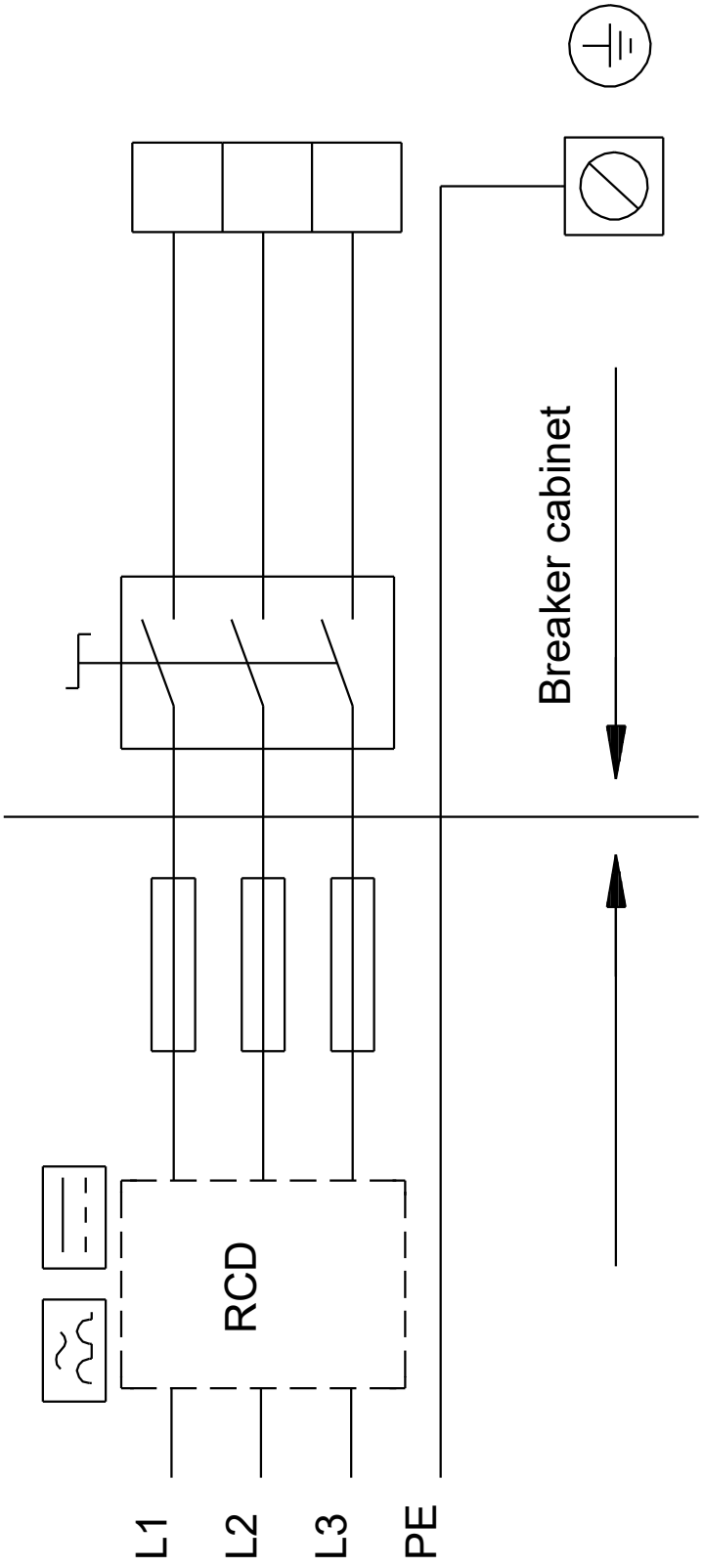

Note! All units are in [mm] unless others are stated.

Order Data:

Position	Your pos.	Product name	Amount	Product No	Total
		HYDRO MULTI-E 4 CRIE 5-9	1	98486781	Price on request