	GRUNDFO	$\mathbf{s}$	Company r Created by Phone:	
			Date:	16/04/2020
ty.	Description			
1	MAGNA1 25-80			
	NEW MAGNAT			
	NEW IV			
	3			
	○ X°			
		Note! Product picture	e may differ from a	ctual product
	Product No.: 99221213	antion for a lab wall	dana litia tha n	arfact chaise when replacing alder size datara
	and due to its compliance with the	option for a job well on EuP 2015 regulation	one. It is the p	erfect choice when replacing older circulators savings on electricity is a reality. The ideal
	choice for basic performance ne	eds in applications w	here basic syst	em control and monitoring is desired.
				Ū.
	Monitoring via the fault re			
	<ul> <li>Digital start/stop input available</li> </ul>			
		d reduced downtime v	with the wireles	s twin pump function (available on twin-head
	pumps)			4-1-14
	High energy efficiency res			uncity
	<ul> <li>Easy setup and operation</li> <li>No maintenance due to the</li> </ul>			
		le canned-rotor type	uesigii.	
	MAGNA1 is the simple and effici	ient choice for most a	oplications incl	udina
	Heating			cong
	- Main pump			
	- Mixing loops			
	- Heating surfaces			
	Cooling			
	<ul> <li>Air conditioning surface</li> </ul>			
	- Ground source heat p			
	- Smaller chiller applica	tions		
	Liquid:			
	Pumped liquid:	Water		
	Liquid temperature range:	-10 110 °C		
	Selected liquid temperature:	60 °C		
	Density:	983.2 kg/m <sup>3</sup>		
		5		
	Technical:			
	TF class:	110		
		110 CE,VDE,EAC,CN R	OHS,WEEE	
	TF class: Approvals on nameplate:		OHS,WEEE	
	TF class: Approvals on nameplate: Materials:	CE,VDE,EAC,CN R	OHS,WEEE	
	TF class: Approvals on nameplate:	CE,VDE,EAC,CN R	OHS,WEEE	
	TF class: Approvals on nameplate: Materials:	CE,VDE,EAC,CN R Cast iron EN-GJL-200	OHS,WEEE	
	TF class: Approvals on nameplate: <b>Materials:</b> Pump housing:	CE,VDE,EAC,CN R Cast iron EN-GJL-200 ASTM A48-200B	OHS,WEEE	
	TF class: Approvals on nameplate: Materials:	CE,VDE,EAC,CN R Cast iron EN-GJL-200	OHS,WEEE	
	TF class: Approvals on nameplate: <b>Materials:</b> Pump housing: Impeller:	CE,VDE,EAC,CN R Cast iron EN-GJL-200 ASTM A48-200B	OHS,WEEE	
	TF class: Approvals on nameplate: Materials: Pump housing: Impeller: Installation:	CE,VDE,EAC,CN R Cast iron EN-GJL-200 ASTM A48-200B PES 30%GF	OHS,WEEE	
	TF class: Approvals on nameplate: Materials: Pump housing: Impeller: Installation: Range of ambient temperature:	CE,VDE,EAC,CN R Cast iron EN-GJL-200 ASTM A48-200B PES 30%GF	OHS,WEEE	
	TF class: Approvals on nameplate: <b>Materials:</b> Pump housing: Impeller: <b>Installation:</b> Range of ambient temperature: Maximum operating pressure:	CE,VDE,EAC,CN R Cast iron EN-GJL-200 ASTM A48-200B PES 30%GF 0 40 °C	OHS,WEEE	
	TF class: Approvals on nameplate: Materials: Pump housing: Impeller: Installation: Range of ambient temperature: Maximum operating pressure: Pipe connection:	CE,VDE,EAC,CN R Cast iron EN-GJL-200 ASTM A48-200B PES 30%GF 0 40 °C 10 bar	OHS,WEEE	
	TF class: Approvals on nameplate: <b>Materials:</b> Pump housing: Impeller: <b>Installation:</b> Range of ambient temperature: Maximum operating pressure:	CE,VDE,EAC,CN R Cast iron EN-GJL-200 ASTM A48-200B PES 30%GF 0 40 °C 10 bar G 1 1/2"	OHS,WEEE	
	TF class: Approvals on nameplate: Materials: Pump housing: Impeller: Installation: Range of ambient temperature: Maximum operating pressure: Pipe connection: Pressure rating:	CE,VDE,EAC,CN R Cast iron EN-GJL-200 ASTM A48-200B PES 30%GF 0 40 °C 10 bar G 1 1/2" PN10	OHS,WEEE	



Company name: Created by: Phone:

	GRUNDFO		Phone:		
			Date:	16/04/2020	
/.	Description				
	Electrical data: Power input - P1: Mains frequency: Rated voltage: Maximum current consumption:	9 128 W 50 / 60 Hz 1 x 230 V 0.09 1.03 A			
	Enclosure class (IEC 34-5): Insulation class (IEC 85):	X4D F			
	<b>Others:</b> Energy (EEI):	0.20			
	Net weight: Gross weight:	4.5 kg 5 kg			
	Shipping volume: Finnish LVI No.: Country of origin:	0.013 m <sup>3</sup> 4615231 DE			
	Custom tariff no.:	84137030			



## Company name: Created by: Phone:

			16/04/2020
Description	Value	H [m]	MAGNA1 25-80 eta [%]
General information:			- 100
Product name:	MAGNA1 25-80		
Product No:	99221213	9 -	- 90
EAN number:	5712608941863		
	5712608941863	8	- 80
Price:	712,00 EUR	7	- 70
Technical:	712,00 EOR		
	00.1	6-	- 60
Head max:	80 dm		
TF class:	110	5-	50
Approvals on nameplate:	CE,VDE,EAC,CN ROHS,WEEE		
Model:	C	4	40
Materials:			
Pump housing:	Cast iron	3-	- 30
	EN-GJL-200		
	ASTM A48-200B	2-	-20
Impeller:	PES 30%GF	1	10
Installation:		']/	
Range of ambient temperature:	0 40 °C	o /	
Maximum operating pressure:	10 bar	0 1 2 3	3 4 5 6 7 Q [m³/h]
Pipe connection:	G 1 1/2"	P1 [W] -	
Pressure rating:	PN10	120-	
-		- 120-	
Port-to-port length:	180 mm	100 -	
Liquid:		80-	
Pumped liquid:	Water		
Liquid temperature range:	-10 110 °C	60-	
Selected liquid temperature:	60 °C	40-	
Density:	983.2 kg/m³	20	
Electrical data:	-	20-	
Power input - P1:	9 128 W	0	
Mains frequency:	50 / 60 Hz		196
Rated voltage:	1 x 230 V		
Maximum current consumption:	0.09 1.03 A		
Enclosure class (IEC 34-5):	X4D		
Insulation class (IEC 85):	F		
	F		
Others:	0.00		
Energy (EEI):	0.20	69 90 113	71
Net weight:	4.5 kg		
Gross weight:	5 kg		
Shipping volume:	0.013 m³		
Finnish LVI No.:	4615231		
Country of origin:	DE		
Custom tariff no .:	84137030		
		~~	т стория
		RCD/RCCB	
		N	
		<b></b>	
			Ralay K
			Relay output
			5