

														RANGE REQUIREMENTS			
Product Specification Requirements					REGIONAL REQUIREMENTS (SPECIFIC)							230V		24V			
				ROM	POL	UK	NORD	GER	AUS	ITA	BEN	2 WIRE NC	4 WIRE NC	2 WIRE NC	4 WIRE NC		
Functional Specification																	
Feature/Function	Detail	Comments (Simasia limited)	Comments (Supplier)														
1,1 Thermal actuator for use in Underfloor heating	Connection to all common manifold connections																
1,2 Range to include 24V, 230V														,			
1,3 Design exclusive to Simasia Limited														,			
1,4 Warranty	Extended Warranty (5 years)																
Mechanical/Technical Specification																	
2,1 Operating Voltage	230V																
2.1.1 Operating Voltage	24V																
2,3 Operating Power	<1w													,			
2,4 Max inrush current	<0.3A													,			
2,5 Opening Time	<3 mins													,			
2,6 Closing Time	<3 mins													,			
2,7 Stroke/Lift	4mm													,			
2,8 Closing Force	100N ±5%																
2,9 Protection Class	IP54																
2.10 Electrical Protection	Class II																
2.11 Cable length	1m																
2.12 Cable detail	2 x 0.75 OR 0.5mm2 PVC (x 4 for 4 wire)																
2.13 Connection size/type	M30 x 1.5mm nut and M28 x 1.5																
2.14		Actuator arrives in partially open position for ease of										1		, ,			
First open function	YES	installation															
2,15 Open indicator	Raised knob																
2,16 Element specification	Vernet element		<u>'</u>														
2,17 4 wire version with end switch	For Italian Installers									М							
2,18 Design	To be defined	To form a series with TRV developments	·														