00	TI1362en	Те	chnical Informati	on		R			
HPS2- Series		Surface Leakage Sensor			- thermokon [®] asia pacific				
	(H_lg)	with ON/OFF output							
The HPS2- Series (H_lg) is designed to detect water leakages on surfaces									
The	e detection poir	t can be selected not	t via 2 integrated, only ser	nsor cable.					
Aju	stable detection	n sensibility (only via	integrated)						
The	The sensor operates with lower power supply								
The	e control output	is potential free (S.P	.D.T)						
	Compatible to all common HVAC DDC and Analog Controls systems, with/without Building Automation System								
	Water leakage detection in HVAC applications								
USE	Used in all common HVAC applications								
	Used in Co	mmercial and Indust	rial Buildings						
	Control output 2-point (ON/OFF)								
	LED's for Operation Mode and Leackage Detection								
ures	2 integrated, gold plated measuring tips								
Featui	Profession	Professional and practical product design, withstands rough environmental conditions							
	Easy to use, install and maintain								
	Model	Power Supply	Sensor Output	Sensor Type	Switching Point	LED's			
ange									
Product Range		AC/DC 24V (±10%)	Change-Over Contact	2 gold plated measuring tips	Via height adjustable				
Pro(HPS2.DA		30V / 5A			- Operation Mode			
					screws (015mm)	- Leakage Detection			
			All Information and technical data are						

	Sensor Specification	Measured	Humidity	
Sensor Specification		Sensing Type	Humidity	
ifica			electrolytical conductance measurement	
Spec		Sensor Characteristics	Passive	
sor \$		Control Mode	ON - OFF	
Sen		Switching point	typically $15k\Omega$	
		Switch Type	potential free (S.P.D.T.)	
	Electrical Information	Power Supply	DC 24V (±10%)	
		Frequency	-	
		Relay Rating	30V / 5A	
		Relay Type	potential free (S.P.D.T.)	
		Terminal Clamp	Screw terminal, max. 1.3mm ²	
	Mechanical Information	Cable Entry	Ø4Ø8,5mm cables	
		Sensing Element Position	external, bottom of the housing	
	User Interface	LED	Operation Status	
			Leakage Detection	
		Potentiometer	-	
	Color and Materials	Housing Cover	ABS, Light grey RAL 7035	
		Housing Bottom	ABS, Light grey RAL 7035	
		Cable Gland	M16 x 1,5mm , grey	
		Gland Rubber Seal	Grey	
uo	Environmental Conditions	Operation Temperature	5ºC+60ºC	
nical Information		Operation Humidity	100% r.h., with condensation	
nfor		Transport Temperature	-35°C+70°C	
ical I		Transport Humidity	< 90% r.h.	
Techni		Storage Temperature	-10°C+70°C	
Te		Storage Humidity	< 85% r.h., no condensation	
	Norms and Directives	IP- Rating	IP65 to IEC60529	
		Safety Class	III to EN 60 730	
		Product Standard 1	Automatic Electric. Controls for household and similar use	
		Product Standard 2	2009/EN 60 730-1	
		CE Conformities to	2004/108/EG Electromagnetic Compatibility EMV	
		CE Electromagnetic Compatibility Emitted Interference	2000/EN60730-1 Emitted Interference	
		CE Electromagnetic Compatibility Interference resistance	2000/EN60730-1 Interference Resistance	
		RoHS Compatibility	RoHS 3, Directive 2015/863	
		Operation Climatic Condition	IEC 60 721-3-3	
		Operation Mechanical Condition	IEC 60 721-3-2 to class2M2	
		Transport to Climatic Condition	IEC 60 721-3-2	
		Transport Mechanical Condition	IEC 60 721-3-2 to class2M2	
		Storage Climatic Condition	IEC 60 721-3-1	
		Storage Mechanical Condition	IEC 60 721-3-1 to class2M2	
sn	Accessories	n/a		
aneo	Shipping & Handling	Minimum Order	1 box with 2 pieces	
Miscellaneous		Package Material	Rigid Cardboards Packaging	
Mis	Order Notes	Order Code	HPS2.DA-CS	
Thermokon	Asia Pacific	All Information and technical data are subject to alteration HPS2- Series (H_lg) V23.1	Page 2/3	

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Interlation Notes Observe the following general regulation for engineering and implementation: All relevant national and heavy power regulation: Country-specific regulation: Country-specific regulation: Country-specific regulation: Schematics, cable istings, dispositions, specification and arrangements from the customer or engineering office in charge: Third party specifications, e.g. general contractors or constructors The sensor must be mounted directly on a flat surface By adjusting the height of the sensor legs, the switching point can be adjusted. Disposal Notes The device is considered an electronic device for disposal in terms of the EUROPEAN DIRECTIVE 2012/19EU. The device is considered an electronic device for disposal in terms of the purpose. EUROPEAN DIRECTIVE 2012/19EU. The device must be disposed through channels provided for this purpose. The device must be disposed through channels provided for this purpose. The device must be disposed through channels provided for this purpose. The device must be disposed through channels provided for this purpose. The device must be disposed to domesic gathage. </th <th></th> <th>-</th> <th></th>		-					
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