Thermostats and limiters, connection inside EX « e » aluminum housing with built-in connection block Rod thermostat, printed knob adjustment $\overline{(8)}$

unting: By the 3/8 thread or by the dia, 14.5mm bushing located at the rod end 250VAC 15 500000 er the enclosure. These devices allow the use of fittings, bracket, flanges, pockets 125VAC 15 500000 other accessories described in the last section of this catalogue 0-15VDC 15 500000 tacts: SPDT (snap action control). remote control of relay coils or PLCs 0-15VDC 2 500000 uits, and direct power switching. se devices use silver contacts or silver alloy contacts. Due to the possible oxidation of the contacts in time, we do not recommend the use of AC or DC low-voltage 124V or less) if the switched intensity is less than 100mA, or the switched power less than 800mW. Contact us for those applications that require gold-plated tacts. The electrical ratings given are normalized resistive circuit values. Main references		F	Rod thermos	tat, print	ed knob adjı	ustment			
With the state of the sta			Mounting	Acti	on l			Types	
Yes	ternal junction block	Printed knob	Rod	Cont	rol SP	DT 15A	-35+320°C		
Provide a status of the st			_2	٩	<u>A</u>	4 4			Ċ
sive atmospheres. They are intended to monitor or control the temperatures in hazardous gate, the mostate, housing and terminal block are indivisible. sexplosive atmospheres, they can be used in zones 1 or 2 in the presence of gas, smoke and log, class UC, surface temperature TG, and ambient temperature on the sexplosive atmospheres, they can be used in zones 21 and 22. tehermostats have explosion-proof microswitch type II2Gb, Ex dIIC according to IECIEN 60019-3 membedded in an increased safety aluminum enclosure according to N 60079-7. entification : xplosive atmospheres: Ex de IICT6 explosive atmospheres: Ex the IICT857 C Db ovals: These products are ATEX and IECEx certified pending; IECEx; pending ing; aluminum, 140 x 110 x 90mm (Dimensions without rable gland), with epoxy painting, RAL7032 (thickness less than 0.2mm) teratures ensing element : oil filled stainless steel rod, inuid expansion principle. Standard rod lengths are 230 and 300mm, but on request, it is possible to make mand 600mm retal connection : On built-in junction block, damir's crew terminals. 7 terminals for neutral, ground and line, including jumpers between input and output for neutral ground. Large space provided for connection. It in junction block, type Push-In* is available on request and terminals. Two Mag round (get termingle with sadd lear elocated on the outside closure. 2 grounding termingle with sadd lear lea locat for mosple from 9 to 13mm or 13 to 16mm. There is a cable locking saddle inside the enclosure, at each cable gland in r cable glands for round cable, flat cable or independent conductors are available on request. the enclosure . These devices llow the use of fittings, pracket, flange, pockets ther accessories described in the least sch on 00m, a port sewitched power least have on a for splose proved off. ting , and direct newer switched prower doff. ting , and direct newer switched intensity is possible only after the enclosure . These devices llow the use of fittings, pracket, flange, p								HEX 21 HEX 21 HEX 21	
Sing: aluminum, 140 x 110 x 90mm (Dimensions without able gland), with epoxy painting, RAL7032 (thickness less than 0.2mm) perature sensing element: oil filled stainless steel rod, lauid expansion principle. Standard rod lengths are 230 and 300mm, but on request, it is possible to make nm and 600mm trical connection: On built-in junction block, 4mm², screw terminals. 7 terminals for neutral, ground and line, including jumpers between input and output for neutral ground. Large space provided for connection. it in junction block, type Push-In® is available on request. e glands: two M25 metal cable glands can be used for cable from 9 to 13mm or 13 to 16mm. There is a cable locking saddle inside the enclosure, at each cable gland in re cable glands for round cable, flat cable or independent conductors are available on request und terminals are located on the junction block. stment: With knob printed in °C (°F to request). Adjustment is possible only after colour, and when the electrical supply is powered off. Nax Switch Electrical life (cycles) totar accessories described in the last section of this catalogue acts: SPDT (snap action confart) Souo000 10 5000000 trical arting: Suitable for prover control, remote control of relay coils or PLCs 15 5000000 15-30VDC 2 500000 tist, and direct power switching. e devices use silver contacts or silver alloy contacts. Due to the possible oxidation of the contacts in time, we do not recommend the use of AC or DC low-voltage its (24 vor less) (Final artings given are normalized resistive circuit values. Main references <td>osive atmospheres. Th s explosive atmospheres osure from -50 to +60° ust explosive atmosph e thermostats have ex EN 60079-7. entification : explosive atmosphere: Ex de IIC T6 explosive atmosphere D Ex tb IIIC T85°C Db fovals: These products</td> <td>ey are intended to moni res, they can be used in z C, or from -50 to +70°C. eres, they can be used ir plosion-proof microswit s: es:</td> <td>tor or control the ten cones 1 or 2 in the pre n zones 21 and 22 tch type II2Gb, Ex dIIC</td> <td>nperatures in ha sence of gas, sm</td> <td>zardous areas. Thern loke and fog, class IIC,</td> <td>lostat, housing a surface tempera</td> <td>ature T6, and ambie</td> <td>re indivisible. Int temperature on the</td> <td></td>	osive atmospheres. Th s explosive atmospheres osure from -50 to +60° ust explosive atmosph e thermostats have ex EN 60079-7. entification : explosive atmosphere: Ex de IIC T6 explosive atmosphere D Ex tb IIIC T85°C Db fovals: These products	ey are intended to moni res, they can be used in z C, or from -50 to +70°C. eres, they can be used ir plosion-proof microswit s: es:	tor or control the ten cones 1 or 2 in the pre n zones 21 and 22 tch type II2Gb, Ex dIIC	nperatures in ha sence of gas, sm	zardous areas. Thern loke and fog, class IIC,	lostat, housing a surface tempera	ature T6, and ambie	re indivisible. Int temperature on the	
und terminals: Two M4 grounding terminals with saddle are located on the outside nclosure. 2 grounding terminals are located on the junction block. Woltage Max Switch Electrical ustment: With knob printed in °C (°F on request). Adjustment is possible only after oving the cover, and when the electrical supply is powered off. 400VAC (KA type only) 10 500000 unting: By the 3/8 thread or by the dia. 14.5mm bushing located at the rod end er the enclosure. These devices allow the use of fittings, bracket, flanges, pockets other accessories described in the last section of this catalogue tacts: SPDT (snap action contact)) 15 500000 tratical rating: Suitable for power control, remote control of relay coils or PLCs uits, and direct power switching. se devices use silver contacts or silver alloy contacts. Due to the possible oxidation of the contacts in time, we do not recommend the use of AC or DC low-voltage uits (24V or less) if the switched intensity is less than 100mA, or the switched power less than 800mW. Contact us for those applications that require gold-plated tacts. The electrical ratings given are normalized resistive circuit values. chanical life > 500,000 cycles Main references	sing: aluminum, 140 x perature sensing elem mm and 600mm trical connection: On l ground. Large space pr illt in junction block, ty le glands: two M25 me	110 x 90mm (Dimension nent: oil filled stainless s puilt-in junction block, 4 rovided for connection. pe Push-In® is available tal cable glands can be u	teel rod, liquid expan mm², screw terminal on request. sed for cable from 9 t	lsion principle. S s. 7 terminals fo to 13mm or 13 to	tandard rod lengths a r neutral, ground and 9 16mm. There is a cat	re 230 and 300m line, including ju	ım, but on request, Impers between inp	out and output for neutral	
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hanical life> > 500.000 cycles Main references	uits, and direct powers se devices use silver co uits (24V or less) if the	switching. ntacts or silver alloy con switched intensity is less	tacts. Due to the pos s than 100mA, or the	sible oxidation c switched power	of the contacts in time	, we do not recor	mmend the use of A	C or DC low-voltage	
			ed resistive circuit val		rences				
	Standard	Reduced differential	Standard R		1	KA, standard	KB, reduced	Max temperature	

Main references

Standard differential	Reduced differential	Standard differential	Reduced differential	Temperature range (°C)	KA, standard differential*(°C)	KB, reduced differential*(°C)	Max temperature on rod (°C)	
Y96KAA-2502522VK	Y96KAA-2502522VK	Y96KAA-2502523VK	Y96KBA-2502522VK	-25+25**	3+/-2	2+/-1	50	
Y96KAA-1001522VK	Y96KAA-1001522VK	Y96KAA-1001523VK	Y96KBA-1001522VK	-10+15**	3+/-2	2+/-1	50	
Y96KAA00005022VK	Y96KAA00005022VK	Y96KAA00005023VK	Y96KBA00005022VK	0-50**	3+/-2	2+/-1	60	
Y96KAA00007052VK	Y96KAA00007052VK	Y96KAA00007053VK	Y96KBA00007052VK	0-70	5+/-3	3+/-2	160	
Y96KAA02009052VK	Y96KAA02009052VK	Y96KAA02009053VK	Y96KBA02009053VK	20-90***	5+/-3	3+/-2	160	
Y96KAA01015052VK	Y96KAA01015052VK	Y96KAA01015053VK	Y96KBA01015053VK	10-150***	5+/-3	3+/-2	160	
Y96KAA08020002VK	Y96KAA08020002VK	Y96KAA08020003VK	Y96KBA08020003VK	80-200***	10+/-4	6+/-4	320	
Y96KAA05030002VK	Y96KAA05030002VK	Y96KAA05030003VK	Y96KBA05030003VK	50-300***	10+/-4	6+/-4	320	

* Reduced differential types are not suitable for 400VAC applications

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** The filling liquid of these thermostatic assemblies has a freezing temperature below -40° C. However it is important to protect the bulb and /or the capillary against the risk of freezing if a temperature below -35° C can be reached in operation. Acceptable storage temperature: -50° C. For these types, maximum ambient temperature acceptable on enclosure : 60°C. **** In these applications, the enclosure surface temperature class T6 may be reduced to T5. It is important that the process temperature is not transmitted to the housing and that it does not exceed its maximum

