EU Declaration of Conformity

Nr : BRU8186100-00

Products identification :

Type of products : Limit switches

Trademark : **Telemecanique Sensors**

Models : **XCKJ…, XCLJ…, ZCKJ…, ZCKJD…**
(complete list of models covered in pages 2 and 3)

We, **TMSS France (Manufacturer)**, declare under our sole responsibility that the products to which this declaration refers comply with Essential Requirements of the following European Directive(s) :

Low Voltage Directive : **2014/35/EU**

EMC Directive : **2014/30/EU**

RoHS Directive : **2011/65/EU + 2015/863**

Product's conformity has been assessed by applying the following harmonized standard(s) :

EN 60947-5-1:2017 + AC:2020

EN IEC 63000:2018

When subject to installation, maintenance and use conforming to their intended purpose, to regulations and standards applicable in the country where they are installed, to the supplier's instructions and to accepted state of the art.

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Customer Satisfaction & Quality Director
Issued at : L'Isle d'Espagnac **–** FRANCE   Emission date : December 6th, 2024

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Appendix

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List of product models covered by the present EU Declaration of Conformity

XCKJ	1	05	13	6	21	H29	R	0	C	TQ
I	II	III	IV	V	VI	VII	VIII	IX	X	XI

I	**Product type**		
	XCKJ	:	Industrial format metallic limit switch (complete product)
	XCLJ	:	Industrial format metallic limit switch (complete product), red enclosure
	ZCKJ	:	Industrial format metallic limit switch body (without actuating head), with 1 or 2 poles contact
	ZCKJD	:	Industrial format metallic limit switch body (without actuating head), with 3 poles contact
II	**Contact block type** (fixed versions)		
	1	:	2 poles, NO+NC, snap action
	2	:	2 poles, 2C/O, snap action (simultaneous)
	4	:	2 poles, 2C/O, snap action (staggered)
	5	:	2 poles, NO+NC, slow break (break before make)
	6	:	2 poles, NO+NC, slow break (make before break)
	7	:	2 poles, NC+NC, slow break (simultaneous)
	8	:	2 poles, NO+NO, slow break (simultaneous)
	9	:	2 poles, NC+NC, snap action
	Note 1 : If followed by **8**, then golden contacts (2 poles contacts blocks only)		
	31	:	3 poles, 2NO+NC, snap action
	35	:	3 poles, 2NO+NC, slow break (break before make)
	37	:	3 poles, NO+2NC, slow break (break before make)
	39	:	3 poles, NO+2NC, snap action
	Note 2 : If first digit = **7**, then golden contacts (3 poles contacts blocks only)		
	Contact block type (plug-in versions)		
	01	:	1 pole, C/O, snap action (simultaneous), plug-in housing only
	02	:	2 poles, 2C/O, snap action (simultaneous), plug-in housing only
	04	:	2 poles, 2C/O, snap action (staggered), plug-in housing only
	11	:	1 pole, C/O, snap action (simultaneous), plug-in body (including base + housing)
	21	:	2 poles, 2C/O, snap action (simultaneous), plug-in body (including base + housing)
	41	:	2 poles, 2C/O, snap action (staggered), plug-in body (including base + housing)
III	**Actuating head type** (only for products pre-equiped with actuating head)		
	Blank	:	Product without head (body)
	nn	:	2 alphanumeric digits defining the type of actuating head, among all available **ZCKE nn** heads (nn = 05 for ZCKE05, nn = 67 for ZCKE67, ...etc...)
	Note 3 : If followed by **9**, then plunger with protective boot (linear heads only)		
IV	**Actuating lever type** (only for products with rotative head pre-equiped with lever)		
	Blank	:	Linear head, or rotative head without lever
	pp	:	2 alphanumeric digits defining the type of actuating lever, among all available **ZCKY pp** levers (pp = 11 for ZCKY11, pp = 43 for ZCKY43, ...etc...)
V	**Additional digit for product operating temperature range**		
	Blank	:	Version for normal temperature (-25…+70 °C)
	5	:	Version for high temperatures (+120 °C)
	6	:	Version for low temperatures (-40 °C)
	Note 4 : If present, this digit may be positioned after digit **III** (head type), or after digit **IV** (lever type)		

VI	**Additional digit for light indicator type**		
	Blank	:	Product without light indicator
	20	:	1 LED indicator, 24 VDC
	21	:	2 LEDs indicator, 24 VDC
	34	:	2 LEDs indicator, 110/240 VAC
VII	**Cable entry or connection type**		
	Blank	:	Threaded hole for ISO PG13,5 cable gland
	A	:	Connection by 7/8"-16 UN / 5 pins connector
	D	:	Connection by M12 / 5 pins connector
	H7	:	Threaded hole for 1/2" NPT cable gland
	H29	:	Threaded hole for ISO M20x1,5 cable gland
VIII	**Additional digit for operating head position** (only for products with pre-assembled head)		
	Blank or 0	:	Product without head, or head in "zero" position (catalog position)
	F	:	Head at 90°
	L	:	Head at 180°
	R	:	Head at 270°
IX	**Additional digit for operating lever position** (only for products with pre-assembled head)		
	Blank or 0	:	Product without lever, or lever in "zero" position (catalog position)
	A	:	Lever at 15°
	B	:	Lever at 30°
	C	:	Lever at 45°
	…	:	(every 15°)
	W	:	Lever at 345°
X	**Additional digit for specific versions**		
	Blank	:	Normal version
	C or **LC**	:	Specific version for Chinese market
	TK	:	Specific version for corrosive atmospheres
XI	**Additional digit for specific packaging**		
	Blank	:	Normal packaging (unitary)
	TQ	:	Bulk packaging (this suffix only appears on the packaging label, it doesn't appear on the product)

NOTE : These references may be followed by 1 to 3 alphanumeric digits, to denote assembly, marking or packaging variations, without impact on products characteristics and/or compliance.

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