

SAFETY PRODUCTS

Three-position device

JSHD4

JSHD4 is a three-position device used to allow a limited movement of the machine when the operator is in the dangerous area, for example during troubleshooting, test running and programming.

The operator pushes the larger black button to a middle position in order to allow a movement. In case of danger, the operator will either release the button or squeeze it to its bottom position and the machine will stop.

JSHD4 is available with different types of connectors for an optimal adaptation to the application. Some models offer additional top and front button to control a non-safe signal, for ex. move forward and/or backward.



Safety and protection

Cheat-safe hand recognition

All JSHD4 models comply with PL e/ Cat 4. Some models offer an “anti-tamper” function: an extra signal indicate if the JSHD4 is held in the middle position by a human hand. A machine movement will be authorized only in presence of this signal and not if the device is held in run position by any other (fraudulent) mean.



Optimum interface

Ergonomic shape and operation

JSHD4 is ergonomic, both in respect of its shape, fitting to the hand, and the way the buttons are operated. JSHD4 is easy to operate using just the fingers (even with gloves), and the middle position provides a safe resting position.



Continuous operation

Safely inspect a running machine

JSHD4 allows the operators to safely inspect the manufacturing process without completely stopping the machine.



AA, AH, AJ - Cable gland



AB, AK - Cannon connection



AC, AD - M12 connection



AL - Cable gland and holder for Eva (used with JSM54)

Choose top part, bottom part and anti-tamper

This list shows the possible combination of features. Some combinations can be ordered pre-assembled with a single order code. Other combinations need to be ordered in separate parts (see catalog pages [2TLC010001C0202](#)).

Top part	Bottom part	Anti-tamper	Type	Order code
Buttons and LEDs	Feature	ID	Connection	
JS4HD4-1	Use your own cable	AA	Cable gland and 5 screw connections	JS4HD4-1-AA 2TLA019995R0000
	No LEDs	AC	M12-5 male	JS4HD4-1-AC 2TLA019995R0100
	No buttons	AL	Cable gland and 10 screw connections	JS4HD4-1-AL Order separate parts
JS4HD4-2	Cost effective and robust	AB	Cannon 12 male pins	JS4HD4-2-AB 2TLA019995R0200
	LEDs			• JS4HD4-2-AB-A Order separate parts
		AD	M12-8 male	JS4HD4-2-AD 2TLA019995R0400
	Front button			• JS4HD4-2-AD-A Order separate parts
		AH	Cable gland and 10 screw connections	JS4HD4-2-AH 2TLA019995R0800
	Top button			• JS4HD4-2-AH-A Order separate parts
		AJ	Cable gland and 16 screw connections	JS4HD4-2-AJ Order separate parts
				• JS4HD4-2-AJ-A Order separate parts
	Replacement of old units*	AK	Cannon 12 male pins	JS4HD4-2-AK 2TLA019995R4800
	Holder for Eva (used with JSM54)	AL	Cable gland and 10 screw connections	JS4HD4-2-AL Order separate parts
JS4HD4-3	Cost effective and robust	AB	Cannon 12 male pins	JS4HD4-3-AB Order separate parts
	LEDs			• JS4HD4-3-AB-A Order separate parts
		AD	M12-8 male	JS4HD4-3-AD Order separate parts
	No buttons			• JS4HD4-3-AD-A Order separate parts
		AH	Cable gland and 10 screw connections	JS4HD4-3-AH 2TLA019995R2000
				• JS4HD4-3-AH-A Order separate parts
		AJ	Cable gland and 16 screw connections	JS4HD4-3-AJ Order separate parts
				• JS4HD4-3-AJ-A Order separate parts
	Replacement of old units*	AK	Cannon 12 male pins	JS4HD4-3-AK Order separate parts
	Holder for Eva (used with JSM54)	AL	Cable gland and 10 screw connections	JS4HD4-3-AL Order separate parts
JS4HD4-4	Cost effective and robust	AB	Cannon 12 male pins	JS4HD4-4-AB Order separate parts
	LEDs			• JS4HD4-4-AB-A Order separate parts
		AD	M12-8 male	JS4HD4-4-AD Order separate parts
	Front button			• JS4HD4-4-AD-A Order separate parts
		AH	Cable gland and 10 screw connections	JS4HD4-4-AH Order separate parts
				• JS4HD4-4-AH-A Order separate parts
		AJ	Cable gland and 16 screw connections	JS4HD4-4-AJ Order separate parts
				• JS4HD4-4-AJ-A Order separate parts
	Replacement of old units*	AK	Cannon 12 male pins	JS4HD4-4-AK Order separate parts
	Holder for Eva (used with JSM54)	AL	Cable gland and 10 screw connections	JS4HD4-4-AL Order separate parts
JS4HD4-5	Cost effective and robust	AB	Cannon 12 male pins	JS4HD4-5-AB Order separate parts
	LEDs			• JS4HD4-5-AB-A Order separate parts
		AD	M12-8 male	JS4HD4-5-AD Order separate parts
	Top button			• JS4HD4-5-AD-A Order separate parts
		AH	Cable gland and 10 screw connections	JS4HD4-5-AH Order separate parts
				• JS4HD4-5-AH-A Order separate parts
		AJ	Cable gland and 16 screw connections	JS4HD4-5-AJ Order separate parts
				• JS4HD4-5-AJ-A Order separate parts
	Replacement of old units*	AK	Cannon 12 male pins	JS4HD4-5-AK Order separate parts
	Holder for Eva (used with JSM54)	AL	Cable gland and 10 screw connections	JS4HD4-5-AL Order separate parts
				• JS4HD4-5-AL-A Order separate parts

* See document [2TLC010007L0201](#) for information about replacement

Note

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