

Type V11LT-02Z+02Z-...

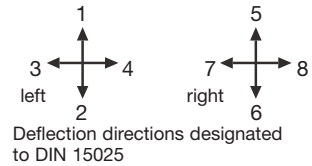
The multi-axis controller V 11 is a rugged switching device according IEC/EN 60947-5-1 for hoisting applications. The modular design enables the switching device to be used universally. The V 11 is resistant to oil, maritime climate, ozone and UV radiation.

**Contact complement 2 A 250 V AC 15 or 1 A 24 V DC 13 (standard)
or 4 A 250 V AC 15 (special) with positive opening operation**

Mechanical life 10 million (operating cycles)
Permissible ambient temperature Operation -40° C to +60° C
Storage -50° C to +80° C

Climate resistance IEC 60068-2-78
Damp heat constant IEC 60068-2-30
Damp heat cyclic IEC 60068-2-30
Degree of protection front IP 54 IEC/EN 60529
Technical data see catalog 5/100
Description data see catalog 5/020

Spindle block with schematic representation of the master controller installation and deflection directions.
Version shown for left-hand side installation left
(right-hand side installation is mirror image).



Pos.	V 11.1	V 11	Type expansion	Weight gramm	Type	Price EURO	
1				400	V 11.1		
2							
3					500	V 11	
4							
5							
7.1	Multi-axis controller left	(dir. 1-2, 3-4)			L		
7.2	Multi-axis controller right	(dir. 5-6, 7-8)			R		
10	Gate cross-shaped	(prohibits diagonal shifting)		60	P		
11	Gate special-shaped	(e.g. H-gate)		60	PX		
20	Control-handle with knob solid						
21	Control-handle with latch for mechanical zero interlock						
21.1	by lifting			50	M		
21.2							
21.4	by pushing down			50	MN		
21.5	Mechanical zero interlock with command devices see catalog 1/274						
22	Control-handle with dead man's button 1 NO			100	T		
23	Control-handle with signal button 1 NO			100	H		
24	Control-handle with push button 1 NO			110	D		
25	Control-handle with flat push button 1 NO			110	DV		
26	Control-handle with palm grip B 1			40	B 1		
27	Control-handle with palm grip B 1 with push button top 1 NO			60	B 1T		
28	Control-handle long or short						
28.2		-20 mm			S5		
28.3		+20 mm			S8		
29	More knobs, grips and T-grips with and without signal devices see catalog 1/270ff						
30	Masterswitch (contact set) switching sequence 4-0-4			No. of contacts 2	70	01	
31				4	130	02	
32	Direction 1-2 and 3-4 each 1 masterswitch			6	190	03	
33	Switching program according contact-arrangement MS... see catalog 5/001		A...				
34	or to your contact-arrangement						
38	Spring return in 0-position	(for each direction)		25	Z		
39	Friction brake adjustable	(for each direction)		20	R		
40	Potentiometer e.t.c. each direction with mounted Conductive-plastic potentiometer T 365, with centre tap linear Life 10 ⁷ switching cycles resistance 2 x 5 kOhm, 0,5 Watt wiper current max. 1 mA		...P324	70	P		
41	Prepared for mounting potentiometer shaft 6 mm adjusting-angle 2 x 150°				(P)		
42	Prepared for mounting potentiometer e.t.c. adjusting-angle variable.				(P)		
43	more Potentiometer e.t.c. see catalog 1/240ff		C..., P...				
50	Plastic housing I 160 x 240, masterswitch max. size 03			800	I		
52	More housing see catalog 1/350						
60	Indicating labels not engraved with 2 or 4 arrows						
61	Engraving, each 10 characters						
70	Command and indicating devices see catalog 1/360						



T = dead man's button
H = signal button
M = latch for mechanical zero interlock

