

Type VVB64LD-06Z+06Z-...

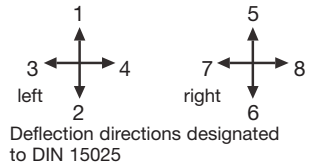
The multi-axis controller VVB 6 is a rugged switching device according IEC/EN 60947-5-1 for hoisting applications. The modular design enables the switching device to be used universally. The VVB 6 is resistant to oil, maritime climate, ozone and UV radiation.

**Contact complement 0,5 A 250 V DC 13**

Mechanical life 20 million (operating cycles)  
Permissible ambient temperature Operation -40° C to +60° C  
Storage -50° C to +80° C

Climate resistance  
Damp heat constant IEC 60068-2-78  
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

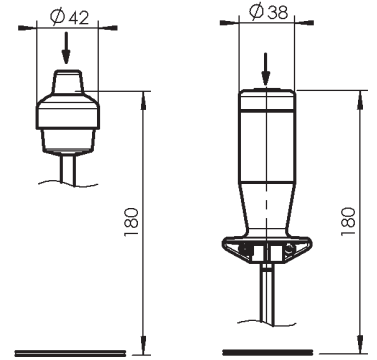
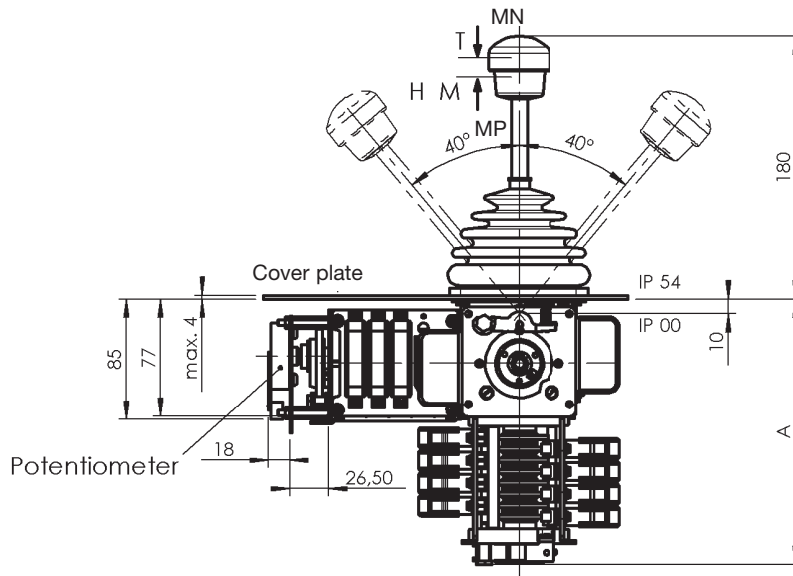
Spindle block with schematic representation of the master controller installation and deflection directions. Version shown for left-hand side installation (right-hand side installation is mirror image).



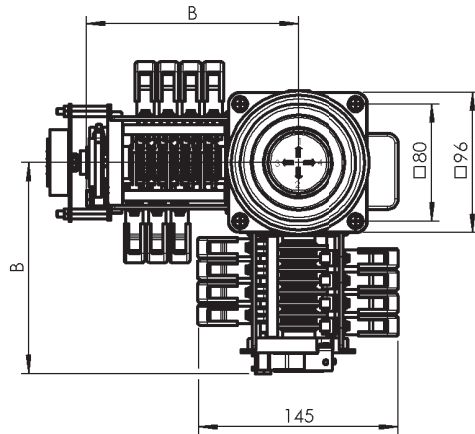
Pos.	VVB 61	VVB 61.1	VVB 62	VVB 64	VVB 64.1	Type expansion		Weight gramm	Type	Price EURO
1								960	WB 61	
2								980	WB 61.1	
3								980	WB 62	
4								1010	WB 64	
5								960	WB 64.1	
7.1	Multi-axis controller left		(dir. 1-2, 3-4)					60	L	
7.2	Multi-axis controller right		(dir. 5-6, 7-8)					60	R	
10	Gate cross-shaped		(prohibits diagonal shifting)					110	P	
11	Gate special-shaped		(e.g. H-gate)					30	PX	
20	Control-handle with knob solid									
21	Control-handle with latch for mechanical zero interlock									
21.1	by lifting							50	M	
21.2	by lifting, interlocking the gate							60	MP	
21.3	by lifting, interlocking in the joint bracket							60	MP	
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				Pos. 22-25, 27 not possible for VVB 64...	150	T	
23	Control-handle with signal button		1 NO					150	H	
24	Control-handle with push button		1 NO					160	D	
25	Control-handle with flat push button		1 NO					160	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					110	B 1T	
28	Control-handle long or short									
28.1			-40 mm						S3	
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) switching sequence 4-0-4						No. of contacts 2	390	01	
31							4	550	02	
32	Direction 1-2 and 3-4 each 1 masterswitch						6	710	03	
33	Switching program according contact-arrangement MS... see catalog 5/001					A...	8	970	04	
34	or to your contact-arrangement						10	1130	05	
35							12	1390	06	
36	Switching sequence 5-0-5 or 6-0-6									
38	Spring return in 0-position		(for each direction)						Z	
39	Friction brake adjustable		(for each direction)						R	
40	Potentiometer e.t.c. each direction with mounted Wire-wound potentiometer T 130, with centre tap, 1,5 Watt wiper current max. 10 mA resistance 2 x 0,5k $\cong$ P021, 2 x 1k $\cong$ P022, 2 x 2k $\cong$ P023, 2 x 5k $\cong$ P024, 2 x 10k $\cong$ P025					...P02 $\square$		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									
60	Indicating labels not engraved with 2 or 4 arrows									
61	Engraving, each 10 characters									



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



D = push button B 1T = dead man's button



Type	No. of contacts	Dimension A	Dimension B
01	2	136	99
02	4	152	115
03	6	167	130
04	8	183	146
05	10	198	161
06	12	214	177

Hole pattern

