

Type V5LT-4Z+4Z-...

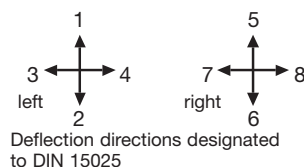
The multi-axis controller V 5 is a rugged switching device according IEC/EN 60947-5-1 for hoisting applications. The modular design enables the switching device to be used universally. The V 5 is resistant to oil, maritime climate, ozone and UV radiation.

Contact complement 2 A 250 V AC 15 or 3 A 24 V DC 13

Mechanical life 6 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 4/100
Description data see catalog 4/020

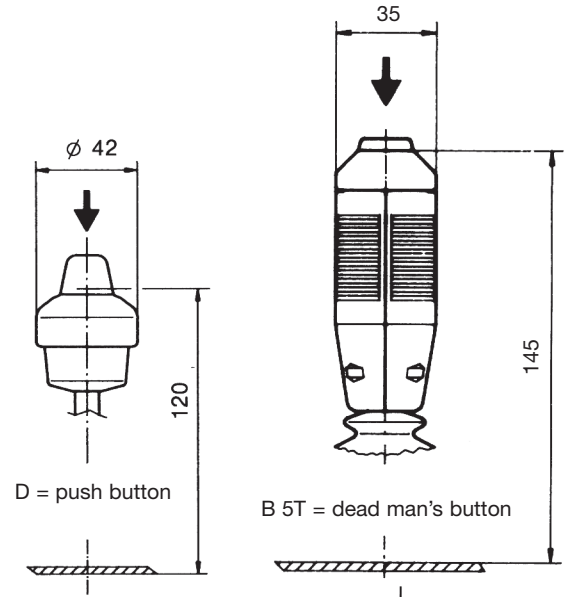
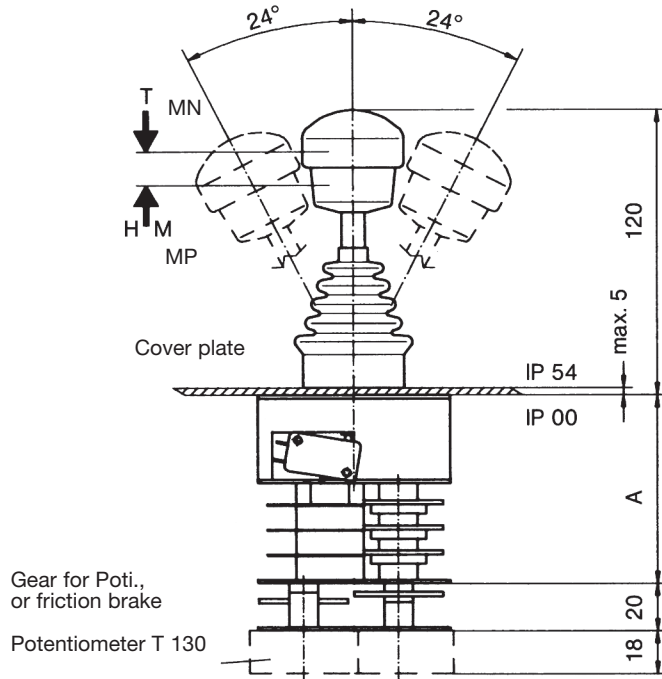
Spindle block with schematic representation of the master controller installation and deflection directions. Version shown for left-hand side installation (right-hand side installation is mirror image).



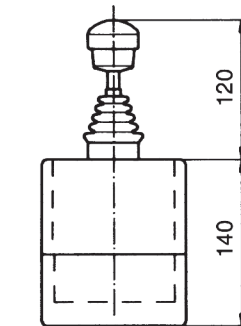
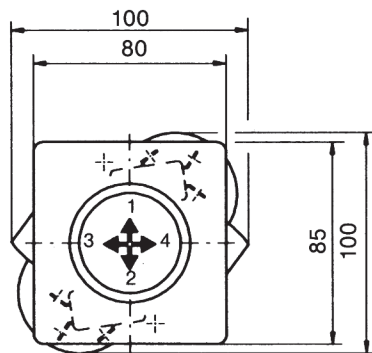
Pos.	V 51	V 5	Type expansion		Weight gramm	Type	Price EURO
1					400	V 51	
2							
3					500	V 5	
4							
5							
7.1	Multi-axis controller left	(dir. 1-2, 3-4)				L	
7.2	Multi-axis controller right	(dir. 5-6, 7-8)				R	
10	Gate cross-shaped	(prohibits diagonal shifting)			50	P	
11	Gate special-shaped	(e.g. H-gate)			50	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				50	T	
23	Control-handle with signal button 1 NO				50	H	
24	Control-handle with push button 1 NO				60	D	
25	Control-handle with flat push button 1 NO				60	DV	
26	Control-handle with palm grip B 5				40	B 5	
27	Control-handle with palm grip B 5 with push button top 1 NO				60	B 5T	
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) switching sequence 3-0-3		A...	No. of contacts 1	150	1	
31				2	160	2	
32	Direction 1-2 and 3-4 each 1 masterswitch			3	170	3	
33	Switching program according contact-arrangement MS... see catalog 4/001			4	180	4	
34	or to your contact-arrangement			5	190	5	
35				6	200	6	
36	Switching sequence 4-0-4						
37	Micro changeover contact (MZT 1) with positive opening operation (additional price)			1			
38	Spring return in 0-position (for each direction)				25	Z	
39	Friction brake adjustable (for each direction)				30	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 $\pm$ P021, 2 x 1k $\pm$ P022, 2 x 2k $\pm$ P023, 2 x 5k $\pm$ P024, 2 x 10k $\pm$ P025		...P02 k		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		P...				
50	Plastic housing I 120 x 160, masterswitch max. size 6				600	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						



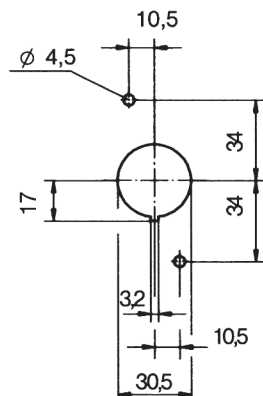
T = dead man's button
H = signal button
M = latch for mechanical
zero interlock



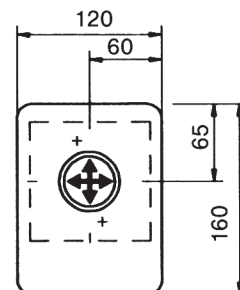
Type	No. of contacts	Dimension A
1	1	58
2	2	69
3	3	79
4	4	90
5	5	100
6	6	111



Plastic housing



Hole pattern



	V5	L	S5	P	DV - 2	Z	P + 1	R	P	-I-	-X-	A05	P024	+A98	P022	
multi-axis controller																Potentiometer description dir. 3-4 (7-8) see 1/240ff
installation side L o. R																Arrangement dir. 3-4 (7-8) see 4/001
special control handle																Potentiometer description dir. 1-2 (5-6) see 1/240ff
gate																Arrangement dir. 1-2 (5-6) see 4/001
handle																special please describe
contact dir. 1-2 (5-6)																plastic housing
spring return dir. 1-2 (5-6)																Potentiometer dir. 3-4 (7-8)
Potentiometer dir. 1-2 (5-6)																friction brake dir. 3-4 (7-8)
contact dir. 3-4 (7-8)																