



The multi-axis controller V6 is a rugged switching device according IEC 947-5-1 EN 60947 DIN VDE 0660-200 for hoisting applications. The modular design enables the switching device to be used universally. The V6 is resistant to oil, maritime climate ozone and UV radiation.

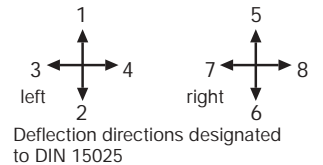
**Contact complement 2 A 250 V AC 15 res. 3 A 24 V DC 13**

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

Climate resistance  
Damp heat constant DIN IEC 68 part 2-3  
Damp heat cyclic DIN IEC 68 part 2-30  
Degree of protection front IP 54 IEC 529 DIN 40050  
Technical data look catalog 5/100

Description data look catalog 5/002

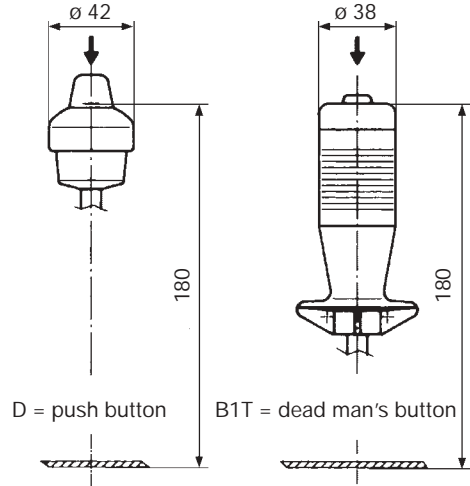
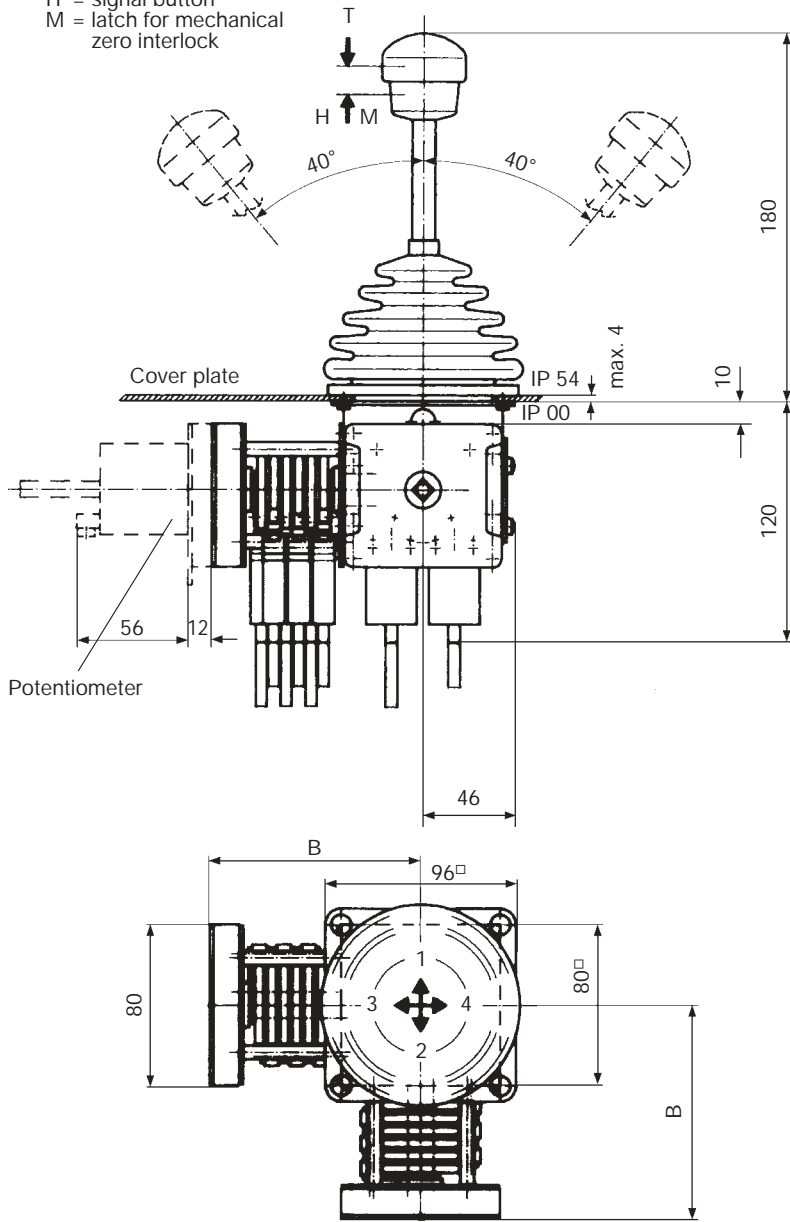
Spindle block with schematic representation of the master controller installation and deflection directions. Version shown for Left-hand side installation (right-hand side installation is mirror image).



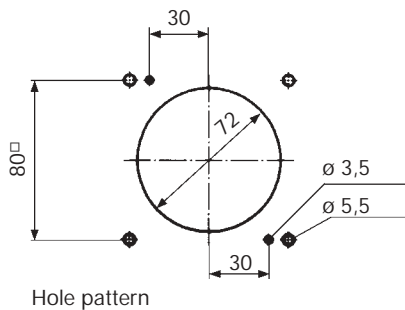
Pos.	V 61	V 61.1	V 62	Type	Weight gramm	Price EURO
1				V 61	960	
2				V 61.1	980	
3				V 62	900	
4						
5						
10	Gate cross-shaped		(prohibits diagonal shifting)	P	60	
11	Gate special-shaped		(for e. H-gate)	P	60	
12	Spring return in 0-position		(for each direction)	Z	110	
13	Friktion brake		(for each direction)	R	30	
14						
20	Control-handle with knob solid			M	50	
21	Control-handle with latch for mechanical zero interlock			T	100	
22	Control-handle with dead man's button 1 NO			H	100	
23	Control-handle with signal button 1 NO			D	110	
24	Control-handle with push button 1 NO			DV	110	
25	Control-handle with flat push button 1 NO			B 1	40	
26	Control handle with palm grip B 1			B 1T	60	
27	Control handle with palm grip B 1 with push button top 1 NO					
28	Control handle long or short 200, 160 mm					
29						
30	Masterswitch switching sequence 4-0-4		No. of contacts 2	01	290	
31			Microchange over contact 4	02	350	
32	Direction 1-2 and 3-4 each 1 masterswitch		explosion protection 6	03	410	
33	Switching program according contact-arrangement MS... look catalog 5/001		EExdIICT 6 8	04	470	
34	or to your contact-arrangement		PTB No. Ex-91C 1083 X sealed cable 10	05	530	
35			3 metre long 12	06	590	
36	Switching sequence 5-0-5 or 6-0-6					
40	Potentiometer e.t.c. each masterswitch with mounted Wire-wound potentiometer T 238, with centre tap linear Life 5 x 10 <sup>6</sup> switching cycles resistance 2 x 5 kOhm, 1 Watt wiper current max. 10 mA in housing explosion protection EExdIICT 6 PTB-No. Ex-85/1131 sealed cable 3 metre long			P	70	
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. look catalog 1/240...					
50						
51						
52	Housing look catalog 1/250					
60	Indicating labels not engraved with 2 or 4 arrows					
61	Engraved each 10 characters					
62						
70	Command and indicating devices on enquiry					



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



Type	No. of contacts	Dimension B
01	2	82
02	4	94
03	6	107
04	8	119
05	10	132
06	12	144



Example for type-sign

V62 P T- 03 Z P + 04 R - X

Multi-axis controller

Gate

dead man's button

Masterswitch direction 1-2



Special please to describe

Friction brake direction 3-4

Masterswitch direction 3-4

Potentiometer e.t.c. direction 1-2

Spring return direction 1-2