



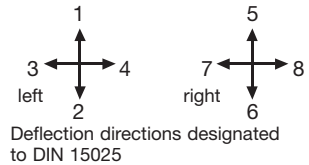
Type V25LT-2ZS+2ZS-B...

The multi-axis controller V 25 is a rugged switching device according IEC/EN 60947-5-1 for electro-hydraulic applications. The modular design enables the switching device to be used universally. The V 25 is resistant to oil, maritime climate, ozone and UV radiation.

Contact complement 0,5 A 110 V AC 15 or 1,5 A 24 V DC 13
I min > 0,2 mA 2 V DC 12 Gold plated for max. load of 0,12 Watt (standard)

Mechanical life V 25	8 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 25.1	V 25	Type expansion		Weight gramm	Type	Price EURO
1					500	V 25.1	
2							
3					500	V 25	
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 by lifting				50	M	
21.1					100	T	
22	Control-handle with dead man's button 1 NO				100	H	
23	Control-handle with signal button 1 NO				110	D	
24	Control-handle with push button 1 NO				110	DV	
25	Control-handle with flat push button 1 NO				40	B 1	
26	Control-handle with palm grip B 1				60	B 1T	
27	Control-handle with palm grip B 1 with push button top 1 NO						
28	Control-handle long	+20 mm				S8	
28.2							
29	More knobs, grips and T-grips with and without signal devices see catalog 1/270ff						
30	Masterswitch (contact) switching sequence -0-			No. of contacts 1	20	1	
31				2	40	2	
32	Direction 1-2 and 3-4 each 1 masterswitch						
33	Switching program according contact-arrangement MS... see catalog 4/001		A...				
34	or to your contact-arrangement						
38	Spring return in 0-position	(included in the spindle block)			30	Z	
40	Potentiometer e.t.c. each direction with mounted Magnet KEM for redundant Hallsensors				70	S	
42	Voltage output 0,5-2,5-4,5 Volt electronic for 1 axis		E411	EP/344			
43	electronic for 2 axis		E412				
	Technical data:						
	Supply voltage 4,6-5,5 Volt						
	max. current drain, output characteristic Linear						
50	Cover housing		E...		300	B	
51	Filter plug M 20 for air-condition				20		
52	Cable entry M 20 with anti-kink protection and strain relief				30		
53	Plug in socket 9-pole female insert D-SUB9 wired				150		
54	Connector 9-pole male insert D-SUB9 unwired				150		
55	Wiring plug in socket or connector each wired-connection						
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

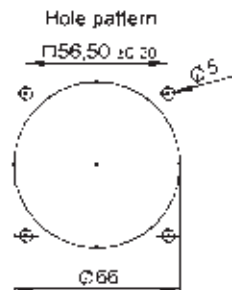
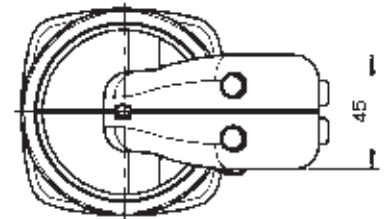
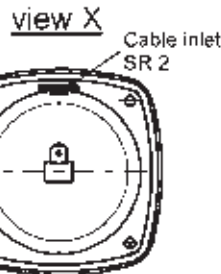
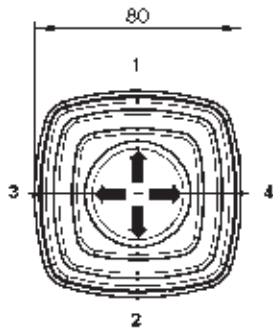
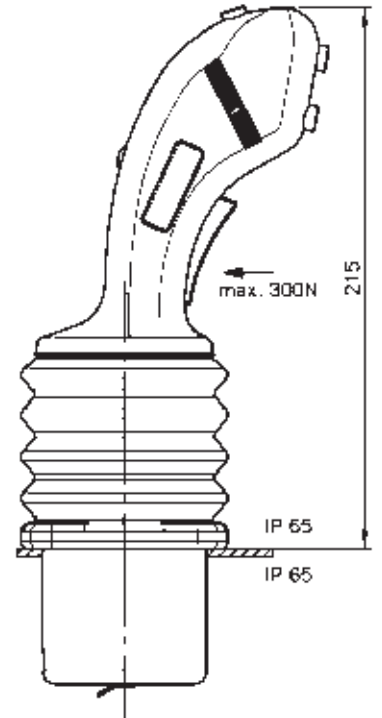
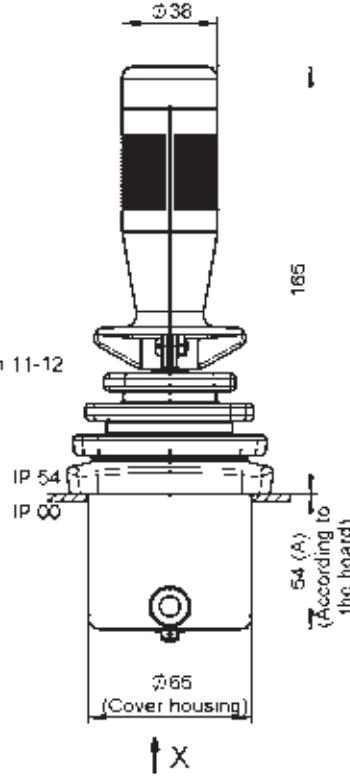
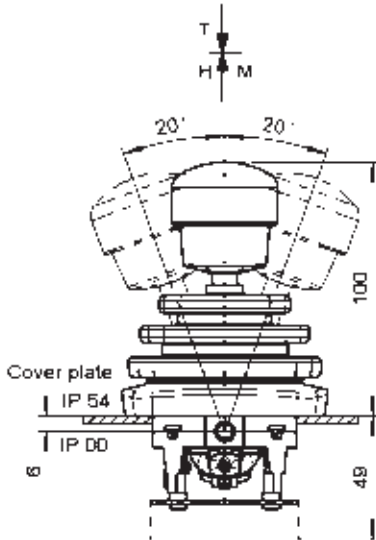
Knob solid
D = push button



Palm grip B1
B 1T = dead man's button
see catalog 1/284

Palm grip B3
see catalog 1/286
for 3. direction 11-12
for 4. direction 13-14

Knob GSP
see catalog 1:277 Pos. 5
for 3. direction 11-12



	V25	L	S5	P	D - 2	Z	S + 2	Z	S	-B-	-X-	A05	E...
multi-axis controller	✓												
installation side L o. R		✓											
special control handle			✓										
gate				✓									
handle					✓								
contact dir. 1-2 (5-6)						✓							
spring return dir. 1-2 (5-6)							✓						
hallsensor dir. 1-2 (5-6)								✓					
contact dir. 3-4 (7-8)									✓				
electronic description dir. 1-2 (5-6) + dir. 3-4 (7-8) see 3/510ff												✓	
Arrangement dir. 1-2 (5-6) + dir. 3-4 (7-8) see 4/001													✓
special please describe													✓
housing													✓
hallsensor dir. 3-4 (7-8)													✓
spring return dir. 3-4 (7-8)													✓