

Type S23L-2ZP-...

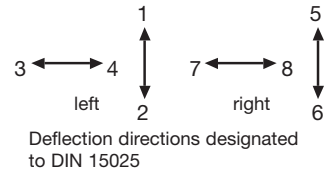
The single-axis controller S 23 is a rugged switching device according IEC/EN 60947-5-1 for electro-hydraulic applications and offshore. The modular design enables the switching device to be used universally. The S 23 is resistant to oil, maritime climate, ozone and UV radiation.

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

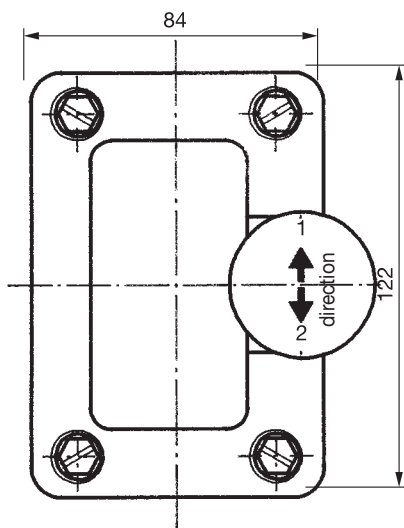
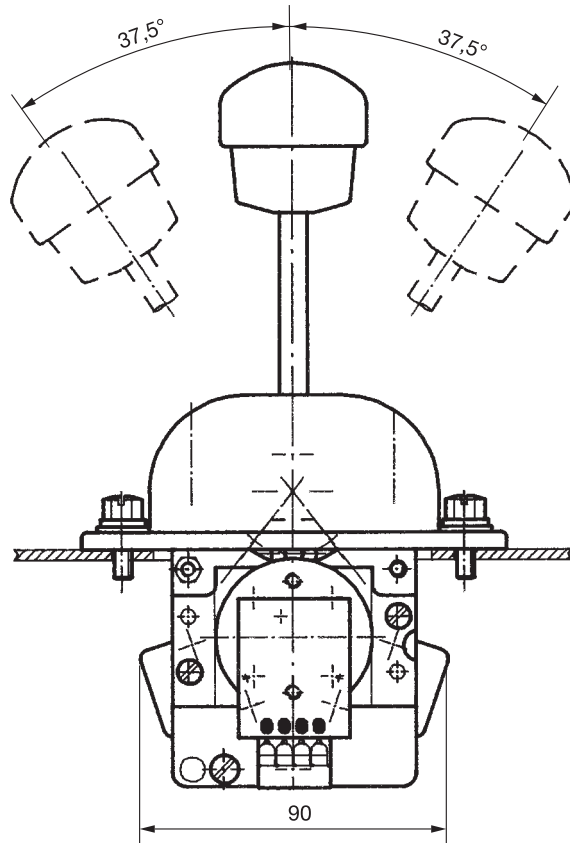
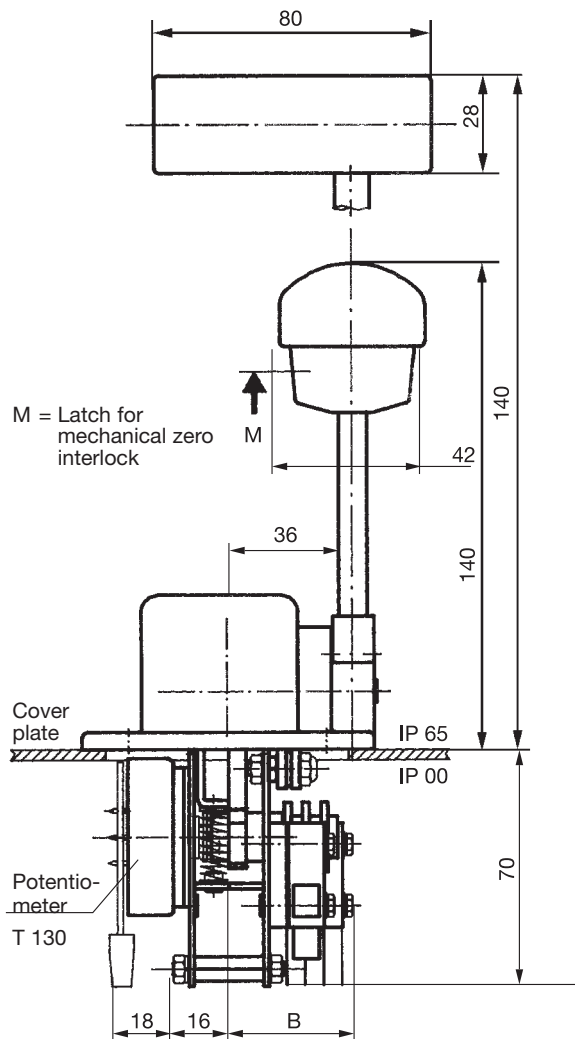
Mechanical life 6 million (operating cycles)  
Permissible ambient temperature Operation -40° C to +60° C  
Storage -50° C to +80° C

Climate resistance  
Damp heat constant IEC 60068-2-78  
Damp heat cyclic IEC 60068-2-30  
Degree of protection front IP 65 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.	S 23	Type expansion		Weight gramm	Type	Price EURO
1				700	S 23	
2						
3						
4						
5						
7.1	Single-axis controller left (dir. 1-2, 3-4)				L	
7.2	Single-axis controller right (dir. 5-6, 7-8)				R	
10						
20	Control-handle with knob solid					
21	Control-handle with latch for mechanical zero interlock					
21.1	by lifting			50	M	
22						
23						
24						
25						
26	Control-handle with T-grip			40	Q	
27						
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 -0-		No. of contacts	1	1	
31				2	2	
32				3	3	
33	Switching program according contact-arrangement MS... see catalog 5/001	A...		4	4	
34	or to your contact-arrangement					
35						
36	Switching sequence 2-0-2					
38	Spring return in 0-position (for each direction)			20	Z	
39	Friction brake adjustable (for each direction)			20	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 $\triangleq$ P021, 2 x 1k $\triangleq$ P022, 2 x 2k $\triangleq$ P023, 2 x 5k $\triangleq$ P024, 2 x 10k $\triangleq$ 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	P...				
50	Steel sheet housing B 200 masterswitch Gr. 4			1300	B	
51						
52	More housing see catalog 1/350					
60	Indicating labels not engraved with 2 arrows					
61	Engraving, each 10 characters					
70	Command and indicating devices see catalog 1/360					



Type	No. of contacts	Dimension B
1	1	25
2	2	31
3	3	36
4	4	42

