

Type V18L-02ZC+02ZC-...

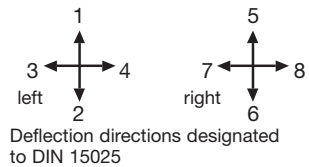
The multi-axis controller V 18 is a rugged switching device according IEC 947-5-1 EN 60947 DIN VDE 0660-200 for hoisting applications. The modular design enables the switching device to be used universally. The V 18 is resistant to oil, maritime climate, ozone and UV radiation. The modular micro changeover contacts are positive opening to VDE 0113.

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

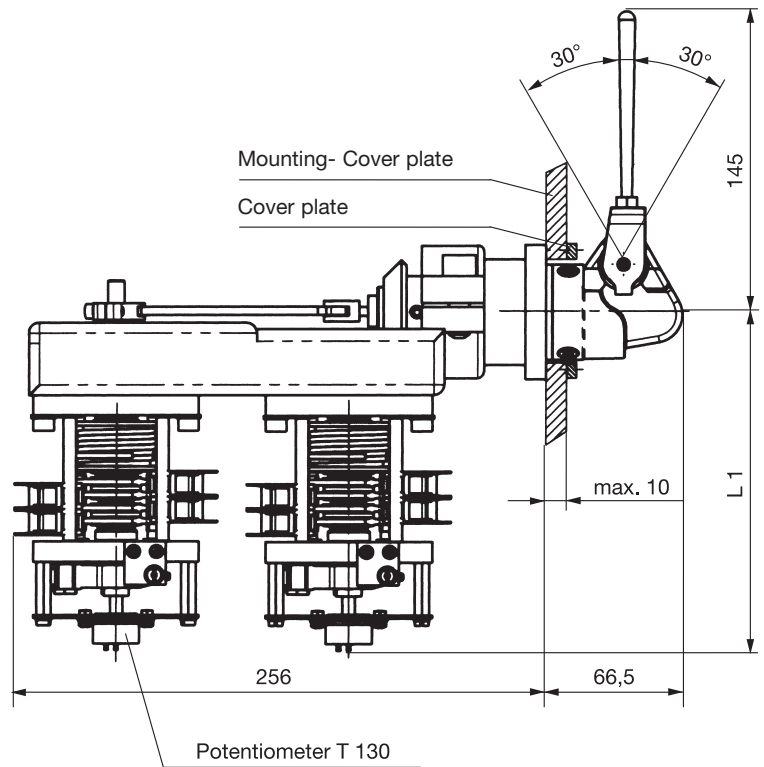
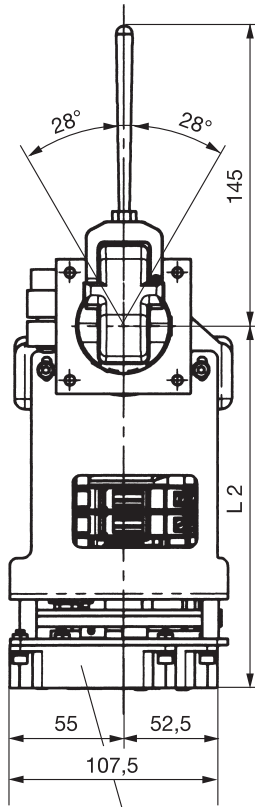
Mechanical life 20 million (operating cycles)
Permissible ambient temperature Operation -40° C to +60° C
Storage -50° C to +80° C

Climate resistance
Damp heat constant 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 see catalog 5/100
Description data see 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).

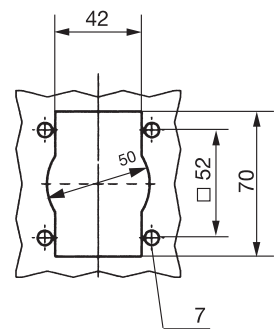


| Pos. | V 181 | V 18 | Type expansion | | Weight gramm | Type | Price EURO |
|------|--|----------------------|----------------|-------------------|--------------|-------|------------|
| 1 | | | | | 2800 | V 181 | |
| 2 | ↑ | ↑ | | | | | |
| 3 | ○ | ○ | | | 3500 | V 18 | |
| 4 | ↓ | ↓ | | | | | |
| 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 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 20 | Control-handle | | | | | | |
| 21 | | | | | | | |
| 22 | | | | | | | |
| 23 | | | | | | | |
| 30 | Masterswitch (contact) switching sequenc 2-0-2 | | | No. of contacts 2 | 290 | 01 | |
| 31 | | | | 4 | 350 | 02 | |
| 32 | Direction 1-2 and 3-4 each 1 masterswitch | | | 6 | 410 | 03 | |
| 33 | Switching program according contact-arrangement MS... see catalog 5/001 | | A... | | | | |
| 34 | or to your contact-arrangement | | | | | | |
| 35 | | | | | | | |
| 36 | | | | | | | |
| 37 | | | | | | | |
| 38 | Spring return in 0-position | (for each direction) | | | 110 | Z | |
| 39 | Friction brake adjustable | (for each direction) | | | 30 | R | |
| 40 | Potentiometer e.t.c. each masterswitch with mounted Wire-wound potentiometer T 130, with centre tap, 1,5 Watt wiper current max. 10 mA resistance 2 x 0,5k ≙ P021, 2 x 1k ≙ P022, 2 x 2k ≙ P023, 2 x 5k ≙ P024, 2 x 10k ≙ P025 | | ...P02 □ | | 70 | P | |
| 41 | Prepared for mounting potentiometer shaft 6 mm adjusting-angle 2 x 150° | | | | 300 | (P) | |
| 42 | Prepared for mounting potentiometer e.t.c. adjusting-angle variable. | | | | 300 | (P) | |
| 43 | more Potentiometer e.t.c. see catalog 1/240... | | C..., P... | | | | |
| 50 | | | | | | | |
| 51 | | | | | | | |
| 52 | | | | | | | |
| 53 | | | | | | | |
| 60 | Indicating labels not engraved with 2 or 4 arrows | | | | | | |
| 61 | Engraving, each 10 characters | | | | | | |
| 62 | | | | | | | |
| 70 | | | | | | | |



Opto-electronic encoder OEC 2

| Type | No. of contacts | Dimension L1 | Dimension L2 |
|------|-----------------|--------------|--------------|
| 01 | 2 | 151,0 | 163,0 |
| 02 | 4 | 163,5 | 175,5 |
| 03 | 6 | 176,0 | 188,0 |



Hole pattern

