



Micro switches are used, for example, in control, regulation, precision engineering and on appliances as well as motor vehicles.

Thermoplastic enclosure

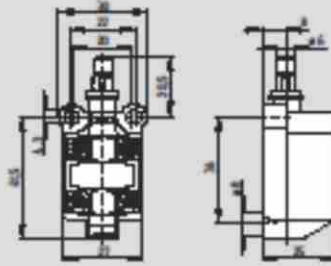
- 2 contacts
- Snap action, change-over contact with double break, positive break A
- Slow action, change over with double break, positive break A
- Galvanically separated contact bridges
- Screw terminal

Variants

Sr No	Description	Part Reference	Part No
1	Snap Action Switch 1NO + 1NC	ZS 232-11-I-2888	110000249
2	Slow Action Switch 1NO + 1NC	TS 232-11-I-2888	on request
3	Slow Action Switch 2NC	TS 232-02-I-2888	on request

For other variants please contact your local Schmersal representative

Z/T 232



Technical Data

Standards	IEC/EN 60947-5-1
Enclosure	Glass-fibre reinforced thermoplastic
Actuator	Glass-fibre reinforced thermoplastic plunger: stainless steel
Protection class	IP 40, terminals IP 00 to EN 60529
Degree of pollution	3
Contact material	Silver
Contact type	Change-over contact, double break, galvanically separated contact bridges
Switching system	Slow or snap action, positive break NC contacts
Termination	Screw terminals
Cable section	max. 2.5 mm ² (incl. conductor ferrules)
U_{imp}	6 kV
U_i	500 V
I_{the}	10 A
I_e/U_e	4 A / 230 V 2.5 A / 400 V 1 A / 500 V
Max. fuse rating	6 A gG D-fuse
Actuating force	9 N
Ejection force	-
Contact opening	Z 232 = 2 x 2 mm T 232 = 2 x 3.5 mm
Switchover time	Z 232: ≤ 5 ms T 232: -
Bounce duration	Z 232: ≤ 3 ms T 232: -
Ambient temperature	- 30 °C ... + 80 °C
Mechanical life	≤ 20 million operations
Switching frequency	max. 5000/h
Actuating speed	Z 232: 10 mm/min T 232: min. 60 mm/min

Contact variants

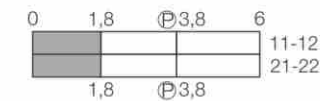
Snap action 1 NO / 1 NC



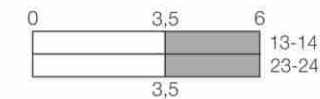
Slow action 1 NO / 1 NC



2 NC



2 NO



1 NC



1 NO

