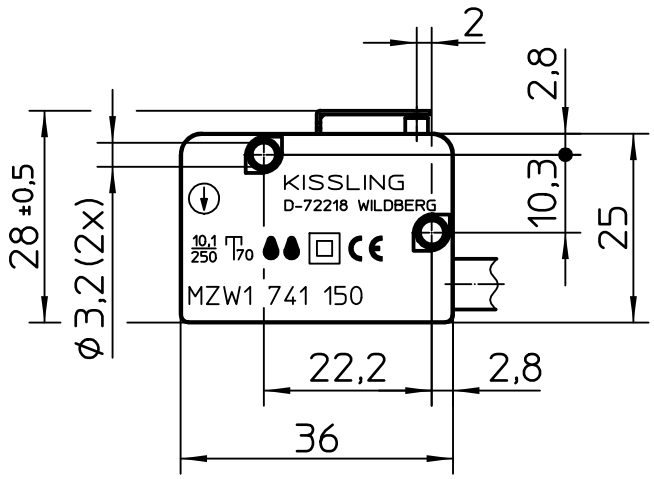
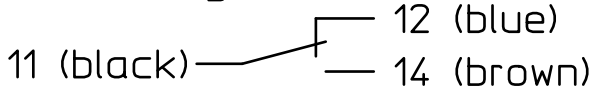
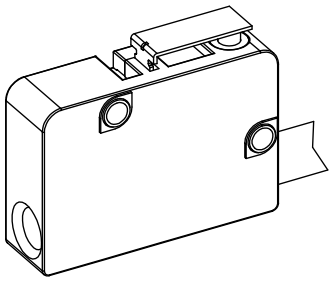
EC No.
20 287
20 272
21 783

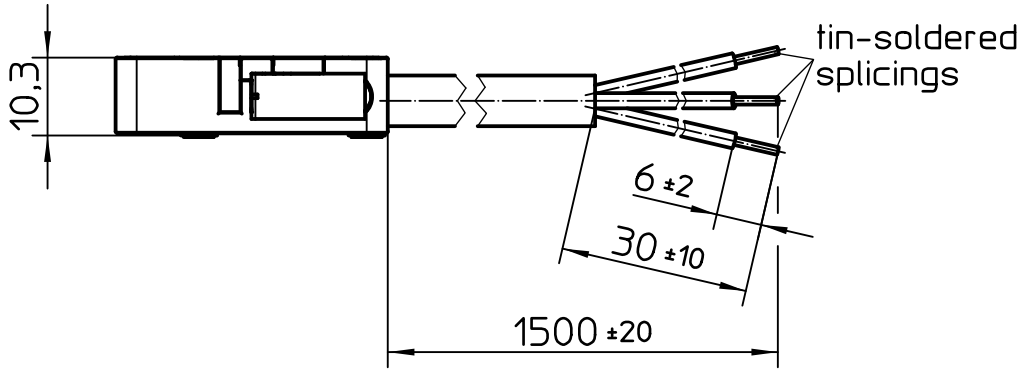
Micro Switch



Circuit Diagram







Construction

Housing material	Thermoplast GF
Cover Material	Thermoplast GF
Connector	Cable LiYY 3x0,75qmm
Seal	IP 67 IEC 60 529
Protective insulation	⌂⌂▣
Forced Opening	in accordance with VDE 0113 and VDE 0660 Part 206

Mechanical Characteristics

Pre-travel	0,5 to 1,1 mm
Overtravel	>1 mm
Movement differential	0,05 to 0,3 mm
Operating force	3 to 5,1 N
Release force	>2 N
Operating force max.	<10 N
Current carrying parts	Cu-Alloy
Contact material	Ag
Life cycle mechanical	30 Mio
Frequency	200 per minute
Operating speed in direction of plunger	max. 0,5 m/s
Temperature range	-40°C to +70°C

Electrical Characteristics

Nominal voltage	250 V AC	24 V DC
Duty rating, continuous	10,1 A	
Switching capability	250 V AC, 13 A	Resistive load
	250 V AC, 9 A	cos. φ =0,8
	250 V AC, 5 A	cos. φ =0,6
	250 V AC, 3 A	cos. φ =0,4
	24 V DC, 8 A	Resistive load
	24 V DC, 2 A	L/R = 50 ms
Switching capacity min.	12 V DC, 10 mA	

Short circuit protection iaw EN 60947-5-1 ..... recommended fuse 10 A iaw IEC 60127-2/1, 250 V, F

It is recommended to use gold-plated contacts for lower currents or voltages.

	Date	Name	mm	Scale		Drawing No:
Drawn	09.06.2009	Stock		1:1	KISSLING	MZW1 741 150
Check	13.08.2013	Stock	General Tolerances DIN ISO 2768 mK			NSN.: