



SERIES 1115 - SINGLE-POLE PUSHBUTTON SWITCHES

TO 16 (4) A 400 V AC






PRODUCT FEATURES

- Double lifting contact system
- Contact distance > 3 mm
- Actuator can be approached from all directions
- Normally open-, Normally closed- and combined (changeover) version

ON REQUEST

- Customized versions
- G-conform according IEC 60335-1:2001 chap. 30 UL 94 V-0

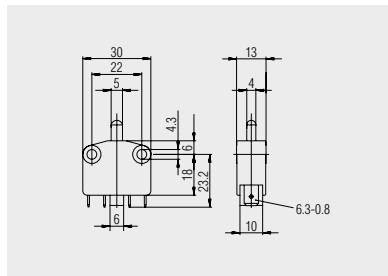
Mechanical life endurance	10E4
Contact resistance (new condition)	< 100 mOhm (1 A 12 V DC)
Insulation resistance (new condition)	> 100 MOhm (500 V DC)
Proof tracking	250 PTI
Protection type	IP 40
Ambient temperature	-40 °C ... +85 °C
Flammability	UL 94 V-0
Glow wire test temperature	850 °C
Material	actuator housing terminals
	PA glass fiber-reinforced PA glass ball reinforced , black, ultrasonic welded silver plated
Contact material	Ag
Contact distance	> 3 mm < 3 mm
Approval marks	 /  (product-dependend) / 
Suitable for appliances of protection class II under compliance with the installation conditions required on the equipment side	



SERIES 1115 - SINGLE-POLE PUSHBUTTON SWITCHES

TO 16 (4) A 400 V AC

	16 (4) A 400 V AC 1E4	16 (2) A 380 V AC 1E4	12 A 125 V AC 1/6 HP	6 A 250 V AC 1/6 HP	Terminal type	Terminal description	Contact distance (mm)	Operating force (N)	Operating position (OP) (mm)	Difference travel max. (mm)	Free position (FP) max. (mm)	Permissible total travel position (TP) (mm)	Stock version
Normally closed contact (SPNC)													
1115.2101	○		○	○		6.3	> 3	6.0 ± 0.5			15	10.5	○
Normally open contact (SPNO)													
1115.4101	○		○	○		6.3	> 3	6.0 ± 0.5	13.15 ± 0.35		16.25	10.5	○
Changeover switch (SPDT momentary)													
1115.0101		○				6.3	< 3	6.5 ± 1.0	13.5 ± 0.5		15	10.5	○



Quick-connect terminal 6.3 x 0.8


Basic type 1115

ROCKER SWITCHES
PUSHBUTTON SWITCHES
TOGGLE SWITCHES
SLIDE SWITCHES
ROTARY SWITCHES
FOOT SWITCHES
TACT AND KEY SWITCHES
SNAP-ACTION SWITCHES
MICRO-SIGNAL SWITCHES
SENSORS
ECO
PUSH-N-DRIVE

Aufschrift
marking

MARQUARDT 

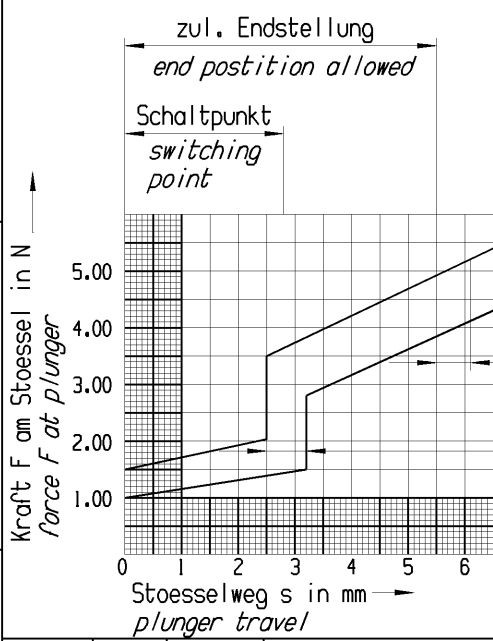
1115.
16(4) / 400 ~ T85

 05
12A 125 V AC
6A 250 V AC
1/6 HP 125-250V AC
R68



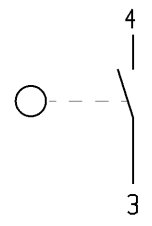
Herstellort/-jahr/-woche
code of manufacture: place/year/week

Kraft-Weg Diagramm
force-travel diagram



Toleranzbereich fuer Stoesselanschlag
tolerance range for plunger stop

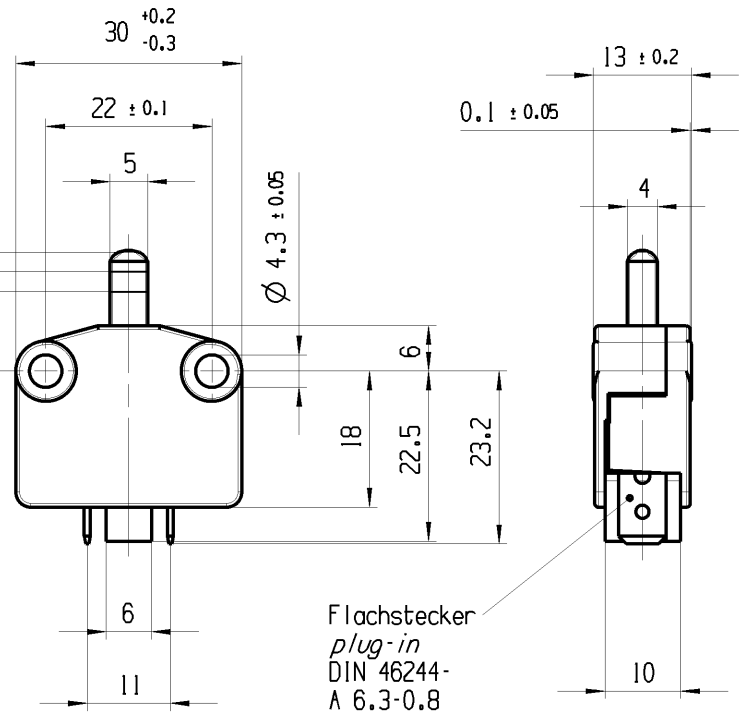
Toleranzbereich fuer Kontaktgabe
tolerance range for contact making



16.25 Ruhestellung
free position

13.15 ± 0.35 Schaltpunkt
switching point

10.5 zul. Endstellung
end position allowed



Flachstecker
plug-in
DIN 46244-
A 6.3-0.8

Schliesser 1-polig

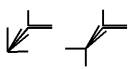
Fuer Gerate der Klasse II geeignet.

Sichere Kontaktgabe bei f=1 bis 20Hz
und b_{max} = 30g (g = 9.81 ms⁻²) wenn
Betaetigungsstoessel in zul. Endstellung

SPNO

suitable for appliances of class II

safe contact with f=1 to 20Hz
and b_{max} = 30g (g = 9.81 ms⁻²) when actuating
plunger in end position allowed

fuer Form und Lage FOR SHAPE AND LOC.	⊙ =	Allgemeintoleranzen UNTOLERANCED DIMENSIONS				Pause COPY	Blatt SHEET 01	TYP K	Zeichn./DRAWING NO. 11154101	Index f
	fuer Winkel FOR ANGLE ± 2		PROJEKTION	Abmasse und Nennmassbereiche Angaben in mm	Loenge LENGTH					
ALL DIMENSIONS ARE IN MILLIMETRES			0-6 ± 0.2 ± 0.2	>6-15 ± 0.4 ± 0.4	>15-30 ± 0.4 ± 0.4			GERAETESCHALTER appliance switch		
r	84820	19.06.13	HHE					CAD: NX v6.0		
e	45082	18.11.05	BRC					gez./DRAWN BY 25.10.05 BRC		
d	29190	02.03.00	MF					gepr./CHECKED BY		
c	26254	07.07.98	MUT					Ersatz fuer/REPLACEMENT OF Zg.gl.Nr.v.07.07.98		
Ausg. ISSUE	Aenderung REVISION	gez. DRAWN BY	Ausg. ISSUE	Aenderung REVISION	gez. DRAWN BY			MARQUARDT		