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 version (changeover)

ON REQUEST

- Customized versions
- G-conform according IEC 60335-1:2001 cap. 30

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	PA glass fiber-reinforced
	housing	PA glass ball reinforced, black, ultrasonic welded
	terminals	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		



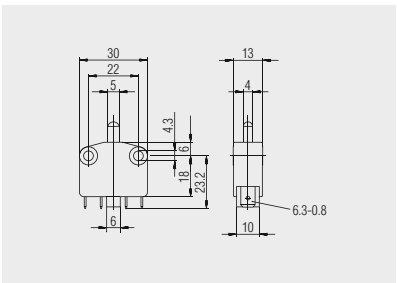
SERIES 1115 - SINGLE-POLE PUSHBUTTON SWITCHES

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 in mm	Operating force in N	Operating position (OP) in mm	Difference travel max. in mm	Free position (FP) max. in mm	Permissible total travel position (TP) in 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	●



Basic type 1115



Quick-connect terminal
6.3 x 0.8

APPROVAL MARKS

	ENEC 05 (KEMA)		UL (USA)
	ENEC 10 (VDE)		UL (USA + Canada)
	VDE		CSA (Canada)
			CSA (Canada + USA)

TERMINAL SYMBOLS

	Quick-connect terminal		Cable
	Solder terminal		Terminal strip
	Short solder terminal		Push-in terminal
	PCB terminal		Snap-in terminal
	PCB terminal angled to left		Cut terminal
	PCB terminal angled to right		Screw terminal
	Socket terminal		

ACTUATOR SYMBOLS

	Straight lever		Lever simulated roller with adjusting screw
	Lever simulated roller		Lever with adjusting screw and roller
	Lever with roller		Lever with cams
	Differential lever		Housing cams
	Spring lever		Pushbutton
	Spring lever bent		Rotary shaft
	Spring lever with molded spring cam		Standard actuator
	Lever with adjusting screw		Mushroom-shaped actuator

ABBREVIATIONS TECHNICAL DRAWINGS

ad	Adjustable	**OP**	Operating position
AN	Anode	**OP NC**	Operating position normally closed contact
BL	Block	**OP NO**	Operating position normally open contact
FH	Fixing hole, locating hole fixing pin	**OR**	On request
FI	Fields for function indicator	**RC**	Recommended cut-out
FP	Free position	**RL**	Reference level
FX	Fixing pin	**SH**	Snap-in hole
ju	Adjusted	**SL**	Symbol limit
MC	Marking cathode	**SP**	Solder pads
MF	Mounting frame	**ST**	Slide travel
MP	Measuring point	**SW**	Switching position
OFF	Off	**TH**	Terminal hole
off-range	Zero position	**tk**	Thick
OG	Operating range	**to**	Top
ON	On	**TP**	Total travel position

SWITCHING FREQUENCY (ABBREVIATIONS)

e.g. 5E4 switching cycles ≙ **50 000** switching cycles