

Illuminated Pushbutton STLI

General Data

Type reference	S(VA)(SW)(T)(TLR)(WA)(WB)(SSA...)(N)(STA)(STB)(L)(I)(II)(O)(OO)(OI)(P)(_AU)
Description	Short-stroke Pushbutton with integrated contact block, flat/high version, with Faston or PCB_mount terminals
Approvals	CCC, CE, cURus, ENEC10, VDE, CE
Nature of contact	2NC / 1NC+1NO / 2 NO / 1NO / 1NC
Degree of protection	IP65 / IP67 (T, TLR, N) IP65 (SSA, STA, STB, WA, WB)
Operation travel	2.3 mm
Connection type	Faston terminals 2.8x0.8 mm / PCB-mount terminals
Max. storage temperature	-40°C ... 80°C
Max. operating temperature	-25°C ... 70°C
Mechanical life	1 million switching cycles (T, TLR) 30,000 (WA, WB)
Electrical life (rated load)	1 million switching cycles (T, TLR) 30,000 (WA, WB, STA)
Contact resistance NO	< 20 mOhm
Contact resistance NC	< 20 mOhm
Min. current	1 mA (under laboratory conditions)
Min. voltage	5 V
Bouncing time NO	< 10 ms
Bouncing time NC	< 10 ms
Positive opening contact	acc. to EN60947-5-1, appendix K

Electrical data acc. to IEC/EN 60947-5-1 (VDE 0660 Sect. 200)

	alternate current	direct current
Utilisation category	AC15 B300	DC13 Q300
Rated insulation voltage Ui	250 V	250 V
Rated operating voltage Ue	240V / 120V	250V / 125V / 60V / 24V
Rated operating current Ie	1.5A / 3A	0.27 A / 0.55 A / 1 A / 2 A
Breaking capacity	10Ie	1,1Ie
Continuous thermal current	5A	

Electrical data acc. to IEC/EN 61058-1 (VDE 0630 Sect. 1)

Rated voltage U _e	250 V~
Rated current I _e	6(4) A

Technical Data - Lamp

Lamp socket	with integrated white 3 mm LED
Max. lamp voltage	30 V AC/DC
Max. lamp output	14mA (at 24 V DC)
Definition	X1...anode, X2...cathode

Additional Data

Mounting aperture	22.3mm
Tightening torque (mounting nut)	1.5 ... 1.9 Nm
Mounting position	any
Standards	EN 60947-5-1, EN 61058

Electrical Features - 5µm gold-plating, type addition ...AU

Operational voltage	20mV ... 42V AC/DC
Switching current	1mA ... 100mA
Contact resistance (new state)	< 50 mOhm

Note

T...pushbutton, TLR...pushbutton with ring illumination, N...pilot light
 T...key-operated switch
 STA, STB...momentary selector switch
 WA, WB...maintained selector switch

Standard version with Faston terminals 2.8x0.8mm
 (P)=with PCB-mount terminals (Z)=base-plate-mounted version with PCB-mount terminals

DC13: > 100,000 switching cycles

versions with Faston terminals: use partially or fully insulated Faston clamps
 illuminated versions (24 V LED): overvoltage category II (2.5kV), pollution degree 2
 versions with three contacts: overvoltage category II (2.5kV), pollution degree 2

This data sheet is not applicable for the types S..C..* (tactile versions of the Shortron range)

Mounting depth of the base-plate versions
 Flat mounting: 16.2 mm
 Mounting with spacer ring: 9.2 mm

Data acc. to UL508

Rating

Pilot duty B300; 24dc/3A; Au: 42Vdc/100mA

Puntos de activación:

13/14 0 1 2


Esquema eléctrico:

