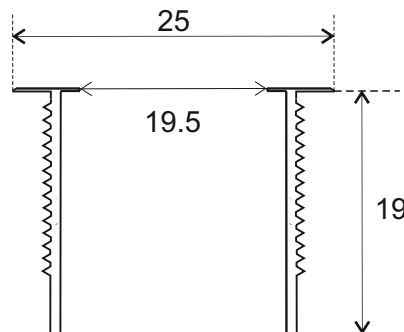# Capacitive LED push-button/switch CS25

Push-button/switch CS25, aluminum housing, symbol no. V4, blue LED

Push-button/switch CS25, black aluminum housing, symbol no. K5, green LED

25

19.5

19

Fixing nut M22x1 / AF 24mm
O-Ring 1mm

- Ø of hole in panel: 22.5mm
- transparent ill. surface Ø 19,5 mm made of PC
- aluminum housing, natural aluminum color or painted black
- shock- and vibration resistant
- long service life (>50'000 hours)
- touch-free push-button/ switch, virtually wear-free
- lettering on ill. surface possible, more than 300 symbols available
- for applications in the chemical industry, machine building, railways, mining or access control systems

Technical specifications

Color   **Wave length**

red   650 nm
yellow   590 nm
green   570 nm
orange   640 nm
blue   470 nm
white   X = 0.31 / Y = 0.31

Current consumption, voltage (without electronics)

push-button/switch: 20mA (2 - 5.5 VDC), LED (per ill. color): 20mA (2 - 2.5VDC)

Operating and storage temperature

-20 °C up to +70°C

Standard execution

Series
CS = capacitvie push-button
Diameter
25 = 25mm
Function
M = push-button (momentary)
L = switch (latching)
Electronics
X = without electronics
Connection
C = ribbon cable 0.15 - 0.2m
Characters/symbols
XX = acc. to separate list
Color code (symbols/characters)
1 = red   6 = blue
2 = yellow   7 = white
3 = green   8 = red-green
4 = orange   136 = red-green-blue
Voltages
X = standard service voltage
Housing
A = natural aluminum
B = black painted aluminum
Fixing nut
M = metal fixing nut, nickel-plated brass
P = glass-fibre re-inforced plastic nut

Ordering example
CS25MXCV4/6XDAP

Capacitive push-button CS25,
25mm diameter, momentary action, without
electronics, ribbon cable connection,
symbol no. V4, with blue LED illumination,
standard service voltage, natural aluminium
housing, plastic fixing nut M22x1, O-Ring
NBR 70

upon request

- different voltages
- common anode/cathode
- different connections
- flashing LED
- different housing colors
- screen printing on ill. surface

Manufacturer

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W. Schmid AG
LED-Technology
the visible difference

Cap-Symbols

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
A	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B	A	B	C	D	E	F	G	H	I	J	CH5	CH6	DSK	PIP	C-KEY	CUT	TAKE	REC	ENG	PROD
C	K	L	M	N	O	P	Q	R	S	T	REPLAY	RET1	RET2	KEY ON	AUTO TAKE	1	2	3	4	
D	U	V	W	X	Y	Z	POWER	ON/OFF	ON	OFF		USER A	USER B	USER C	USER D	USER E	USER F	USER G	USER H	USER I
E	OK	OK	Auto	Enter	Start	STOP	OPEN	CLOSE	Exit	Move	USER J								M-1	
F	SET	Reset	Light	Alarm	Menu	Next	Back	Delete	Motor	Save					√1	√2			
G	Up	Down	Right	Left	Test	End	Insert	Lock	Print	+/-										
H	ESC	BC.	HOME	Health	D-LED 2	OC GENIE	VIDEO INPUT	clr CMOS	Green Power	Save OK										
I	B/R +	Unclo Canccl	T/L -	F1	F2	F3	F4	F5	F6	F7										
J	F8	F9	F10	F11	F12	F13	F14	IN 1	IN 2	IN 3										
K	IN 4	IN 5	IN 6																	
L																				
M																				
N																				
O																				
P							Config	TIME LINE	MEI	ME2										
Q	ME3	ME4	BGND 3D DVE1	BGND 3D DVE2	BUS COLOR	ME BUTTON LINK		INSERT	WIPE											
R		ALL		VP		COPY		RECORD MODE												
S			MUTE																	
T		hold	group	m1	m2	m3	m4	m5												
U	s1	s2	chair	undo	redo	latch	store	recall												
V	s5	s6	OC			CLEAR	CROSS WIND	AMMO TEMP	BARO PERSS	AIR TEMP										
W	BORE-SIGHT	CANT	LEAD	RANGE	MRS	ZERO	TEST	U D	L R											
X	ID	Disp	MF	CALL		BAND	SETUP	MODE	LINK	FUNC.										
Y	SHIFT				DEL															
Z				RUN	2D	3D	CH1	CH2	CH3	CH4										