

SD5ST Smart Dot 50 Standard Touch

- Ambient adaptive touch sensor with visual input feedback
- High brightness, color brilliance and energy efficiency
- Excellent and flexible multicolor signaling (6 colors)
- 2 animations: steady, high intensity beat
- Smart Diagnostics, Active Inrush Current Control, Active Thermal Control
- Nominal voltage 10-30 V DC



TECHNICAL DATA

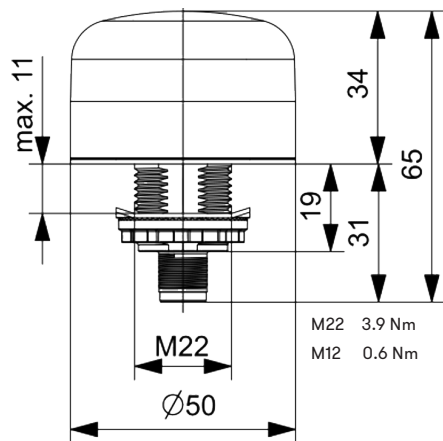
Housing	Polycarbonate, UV stabilized, black or white
Kalotte	Polycarbonate, UV stabilized, opal white
Type of mounting	M22 mounting with 5-pin plug M12 connector
Nominal power (24V)	1,32 W
Inrush current	max. 0,5 A
Leakage current resistance	1 mA
Power up time	13 ms
Beacon type	Touch button
Light source	LED
Duty cycle	0 ... 100 %
Touch input readiness	40 ms
Output response time (touch)	110 ms
Touch output	momentary

Output current	150 mA max.
Max. impulse current incl. output	max. 450 mA
Service life	50.000 h
Operating temperature	-40 °C / +70 °C
Degree of protection	IP66 / IP67 / IP69 / IP69K / IP6K9K & UL Type 4/4X
Impact resistance	IK08
Shock vibration resistance	- IEC 60068-2-6 (Vibration: 10 Hz to 55 Hz, 1.0 mm amplitude, 5 minutes sweep, 30 minutes dwell) - IEC 60068-2-27 (Shock: 30G 11 ms duration, half sine wave) - MIL-STD-202F, Method 201A (Vibration: 10 Hz to 60 Hz maximum, 0.06 inch [1.52 mm] double amplitude, 10G maximum acceleration) - IEC 60947-5-2 (Shock: 30G 11 ms duration, half sine wave)
Weight	48 g



SD5ST

DIMENSION DRAWING



ORDER DATA SMART DOT 50 TOUCH

Type	Part Number	Feature Line	Colors	Housing Color
SD5BT	SD50T-GYR	Basic	Green/Yellow/Red	Black
SD5ST	SD50T-MC7	Standard	Green/Yellow/Red/White/Cyan/Magenta	Black
SD5ST	SD50T-MC7-W	Standard	Green/Yellow/Red/White/Cyan/Magenta	White

ORDER DATA SMART DOT 50

Type	Part number	Feature Line	Colors	Housing Color
SD5B1	SD50-G	Basic	Green	Black
SD5B1	SD50-R	Basic	Red	Black
SD5B1	SD50-A	Basic	Amber	Black
SD5B1	SD50-B	Basic	Blue	Black
SD5B1	SD50-W	Basic	White	Black
SD5B2	SD50-GR	Basic	Green/Red	Black
SD5B2	SD50-GY	Basic	Green/Yellow	Black
SD5B2	SD50-GW	Basic	Green/White	Black
SD5B2	SD50-AW	Basic	Amber/White	Black
SD5B3	SD50-GYR	Basic	Green/Yellow/Red	Black
SD5B3	SD50-GYR-W	Basic	Green/Yellow/Red	White
SD5B3	SD50-GRB	Basic	Green/Red/Blue	Black
SD5B3	SD50-GRW	Basic	Green/Red/White	Black
SD5B3	SD50-GYB	Basic	Green/Yellow/Blue	Black
SD5B3	SD50-GYW	Basic	Green/Yellow/White	Black
SD5B3	SD50-GBW	Basic	Green/Blue/White	Black
SD5S7	SD50-MC7	Standard	Green/Yellow/Red/Blue/White/Cyan/Magenta	Black
SD5S7	SD50-MC7-W	Standard	Green/Yellow/Red/Blue/White/Cyan/Magenta	White