

MICON 5 S, THT standard, 3,6 ± 0,7 N, 1 NO

COMING SOON



- > Measurement-control-regulation
- > Mechanical and system engineering
- > Automotive
- > Electro-medical

special features

- Gold contacts, reliable switching with low currents
- > Special tactile feedback
- High packing density due to small form factor (5.1 x 6.4 mm)
- > Different operating forces
- Ring and full illumination of the button surface due to plunger
- > Variable overall heights due to plunger
- > Terminal technology: SMT
- Traceability through product identification in accordance with DIN EN ISO 9001

CE

description

MICON 5 tactile switches offer extreme switching reliability, with a very small space requirement. They can be arranged individually, in rows or as key blocks. For use beneath overlays, we recommend combining the MICON 5 tactile switches with plungers. Here are the properties at a glance:

- > Suitable for the most important soldering techniques
- > Soldering bath for THT versions
- > Reflow soldering for SMT versions
- > Vapor phase soldering for SMT versions
- > Manual soldering
- > Processing of the SMT design with SMT automatic assembly machines
- > IMDS entry

MICON 5, THT standard, suitable for keycaps from the accessories range Packaging: in rails with 102 pieces each

technical data

>	general
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Operating temperature, min.	-40 °C
Storage temperature, min.	-40 °C
Operating temperature, max.	125 °C
Storage temperature, max.	90 °C
illuminated	No
Packaging unit	102 pcs.
net weight	0.1 g
Operating life	250,000 cycles

direct links

> RAFI eCatalog

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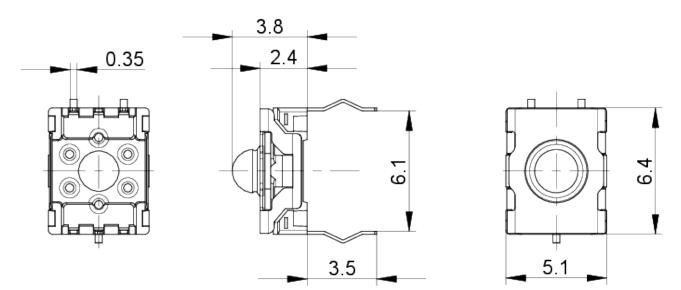
	B10	325,000 cycles
	Degree of protection, front side,	IP54
	according to DIN EN 60529	IPx7
	Degree of protection, rear side,	IP54
	according to DIN EN 60529	IPx7
	MSL Moisture Sensitivity Level	1
	Shock resistance according to standard IEC 60068-2-27	100 g at 6 ms amplitude semi-sinusoidal
	oscillation restistance according to standard IEC 60068-2-6	5 g at 10500 Hz
	MOQ order	510 pcs.
	RoHS compliant	Yes
	REACH compliant	Yes
>	mounting diameters	
	Grid, min.	6 x 7,8 mm
>	mechanical data	
	Actuation function	momentary contact function
	Operating force, max.	6 N
	Operating force, min.	3,6 ± 0,7 N
	Switching travel	0.8 ± 0.15 mm
	Contact function	1 NO
	Contact system	Snap-action contact
	Contact material	Gold
>	electrical data	
	Rated voltage, min.	0.02 V
	Rated voltage, max.	35 V
	Dielectric strength	250 V
	Rated current, min.	0.00001 A
	Rated current, max.	0.1 A
	Rated power, max.	1 W

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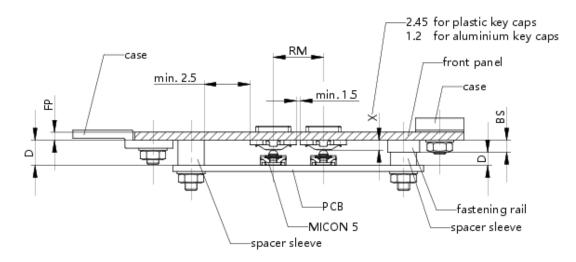
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drawings





System drawing



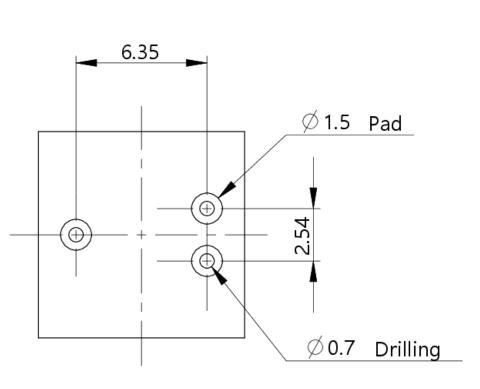
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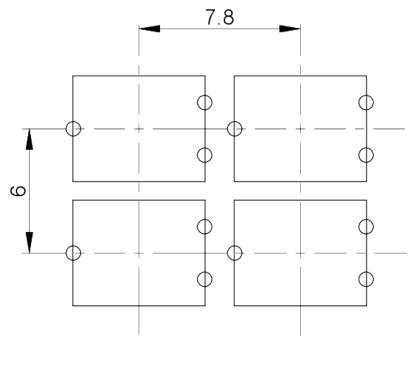
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PCB drawing



PCB drawing



MICON 5 THT

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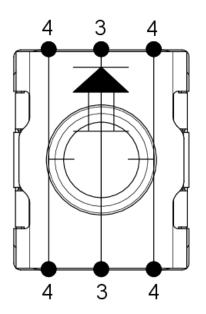


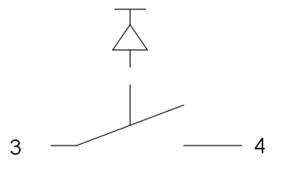
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Schematic diagram

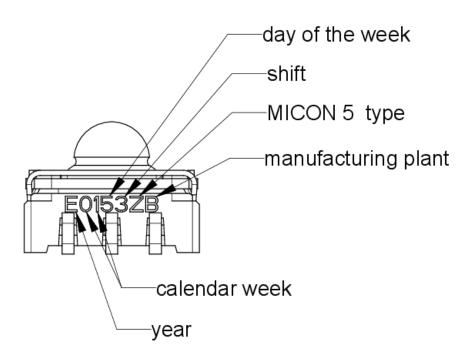






Circuit symbol according to IEC 617

Product labeling drawing



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