CHERRY MX RGB NATURE WHITE

- Self-cleaning contacts, resistant to dust and dirt
- Over 50 million keystrokes / contact switches per module with no loss of quality
- Engineered and Made in Germany.

Technical Data:

Housing colour:
Transparent cover, plain base

Keymodule:
• Switch type: MX
• Protection class: IP40
• Operation characteristics: NATURE WHITE SWITCH Linear (55 cN)

Key benefits
• RGB nature white switch: Without pressure point, linear actuation - easy switching function with a defined force of approx. 55 cN without contact feedback
• MX switch variant optimised for use with SMD LEDs (RGB or single colour)
• More consistent lighting throughout the keycap due to optimised, transparent casing and scattering surface including lens.
• Option to use all 16.7 million RGB colours in high luminosity (scope of supply does not include LED)
• SMD LEDs directly mounted on the circuit board for cost-efficient, fully automated production
• High-precision mechanical keyswitch based on the MX standard
• World exclusive CHERRY Gold Crosspoint technology
• Short bounce time for high switching frequency (such as for fast typing)
• Fastening: Snap fastening in frame
• Switching voltage: 12 V AC/DC max.
• Switching current: 10 mA AC/DC max.
• Dielectric strength: 500 V / 50Hz
• Durability: > 50 million actuations
• Contact configuration: Single-pole contact
• Actuator travel: 4.0 ± 0.4 mm
• Pretravel: 2 ± 0.6 mm
• Initial force: 30 cN min.
• Actuation force: 52 ± 15 cN
• Bounce time: < 5 ms (during actuation with 0.4 m/s)
• Standard lead spacing: 19.05 mm (16 mm min.)
• Lighting: SMD LED can be mounted directly on the circuit board (not included in the module), opening for SMD LED in the base.
• Decoupling diode: no
• Wire jumper: no
• Insulation materials: Thermoplastics (min.UL 94 HB)
• Spring: Stainless steel
• Contacts: High-quality gold alloy
• Storage Temperature: 5°C to 40°C
• Operating Temperature: -40°C to 70°C
• Humidity: Storage: average <50% max. 3 months / 75% max. 15 days, operation: 5% to 95% without condensation

For detailed information and the layout of the details described above, please do not hesitate to ask for our technical specifications and drawing.
Warranty:
2 years

Errors, technical changes and delivery possibilities excepted. Technical information refers only to the specifications of the products. Features may differ from the information provided.
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<td>1 CHERRY MX RGB NATURE WHITE</td>
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