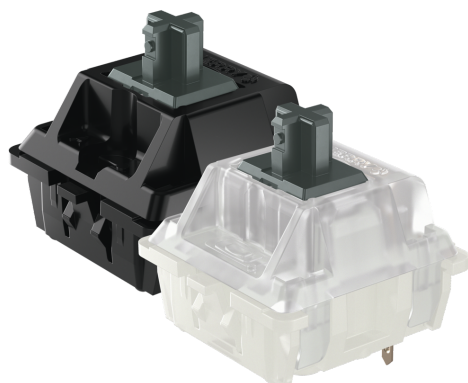


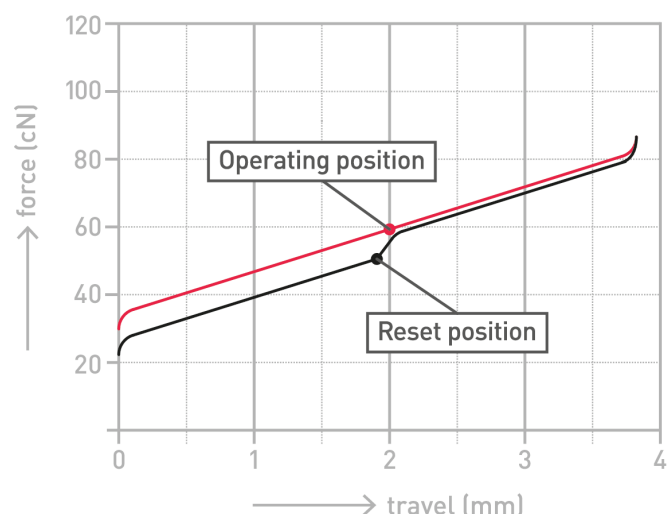
MX SILENT BLACK

Powerful and silent



Models may vary from the image shown

Original CHERRY MX is the world's leading precision technology for mechanical key switches. The CHERRY Gold Crosspoint contact concept and the unprecedented production quality "Made in Germany" are unique. The MX2A series introduces a new level typing experience, setting a new standard for mechanical key switches.



FUNCTION AND PERFORMANCE

- Linear switching characteristics
- 60 cN operating force
- 2.0 mm pre travel
- 4.0 mm total travel
- > 50 mil. keystrokes
- Lubricated
- No click

TECHNICAL DATA

Actuation characteristic:	linear
Total key travel:	3,7 mm
Pre-Travel:	1,9 mm
Actuation force:	60 cN
Standard grid dimension:	19,05 mm
Switching voltage:	max 12 V AC/DC min 2 V AC/DC
Switching current:	max 10 mA min 10 µA
Dielectric strength DIN IEC 60512-2:	500 V / 50 Hz
Spring:	Stainless steel
Electrical function:	• opened without actuation • single pole • momentary
Contact system:	MX Gold Crosspoint
IP protection class:	40
Warranty:	2 years warranty
Bounce time:	typically < 1 ms
Type:	mechanical
Hotswap:	no
USP:	Powerful and silent
Noise level:	Silent
Actuation force:	high (56-65 cN)
Reset force – automatic:	5 cN

Produktname	Bestellnummer	Mounting pins	LED diode	LED wire bridge	RGB	Switches
MX SILENT BLACK	IMX3A-11DW	with pin - PCB mount	Diode (type: 1N4148 or equivalent)		no	
MX SILENT BLACK	MX3A-11NA	without pins - faceplate mount	without diode		yes	
MX SILENT BLACK	MX3A-11NN	without pins - faceplate mount	without diode		no	
MX SILENT BLACK	MX3A-11NW	with pin - PCB mount	without diode		no	

Please contact your local CHERRY service and support teams or your CHERRY sales partners for versions available in your country.