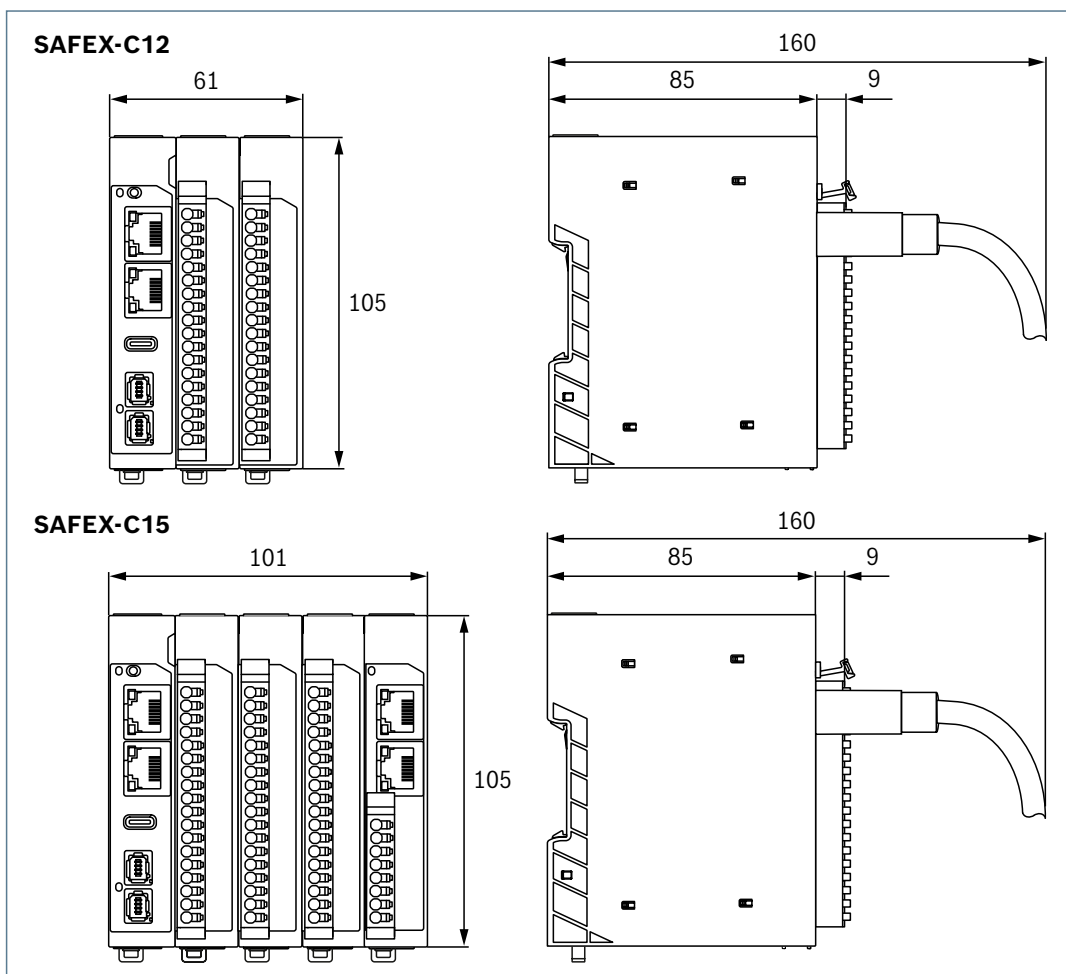# NEW STANDARDS FOR SAFE AUTOMATION

Bosch Rexroth is redefining safe automation: ctrlX SAFETY is the most compact safety solution of its kind and has the fastest reaction times. The compact yet scalable system can be used as required – from the drive-integrated SafeMotion solution in ctrlX DRIVE to the complete ctrlX SAFETY control system. In addition to flexible use, the advantages include a very high level of safety and efficient engineering through graphical programming of the safety PLC

You can find more information at: www.ctrlx-automation.com/ctrlx-safety

Configurator

Community

Contact

SAFEX-C12

SAFEX-C15

Safety PLC cycle time

Main program	4 ms
Fast channel	1 ms

Interfaces

ctrlX SAFETY[link]	Master interface
EtherCAT	Slave
Safety over EtherCAT (FSoE)	Master/Slave
PROFINET	Slave
USB-C	Default Engineering
SD card	1 x Micro-SD

[Configurator](#)

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Electrical data

Power supply - logic	24 VDC (19.2 - 30.0 VDC), < 2 A
Power supply - peripherals	24 VDC (19.2 - 30.0 VDC), up to 8 A

Environmental conditions

Permissible temperature (operation)	0 °C to +50 °C
Permissible temperature (storage)	-40 °C to +70 °C
Permissible humidity	5% to 95%
Degree of protection	IP20
Pollution degree	2 (EN 61131-2)