



## NEW STANDARDS FOR SAFE AUTOMATION

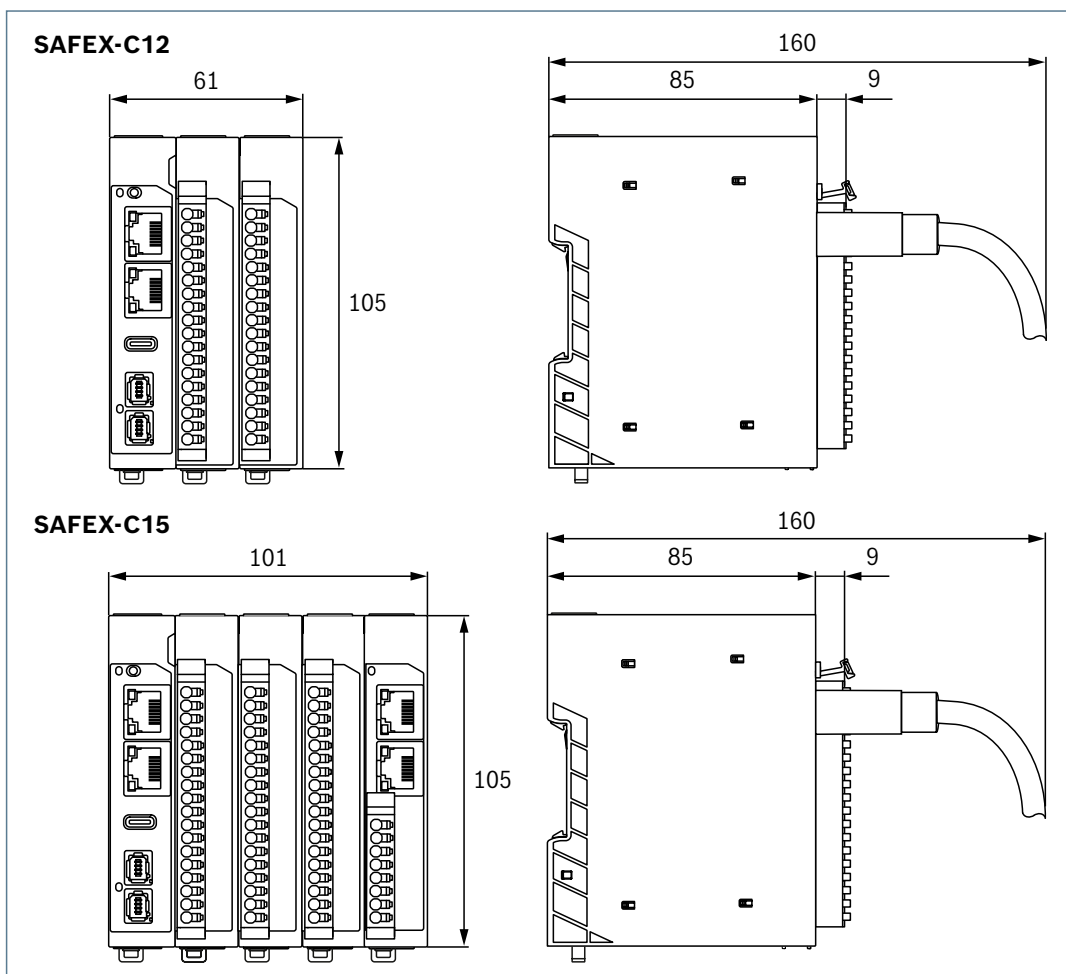
Bosch Rexroth is redefining safe automation: ctrlX SAFETY is the most compact safety solution of its kind and has the fastest reaction times. The compact yet scalable system can be used as required – from the drive-integrated SafeMotion solution in ctrlX DRIVE to the complete ctrlX SAFETY control system. 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](http://www.ctrlx-automation.com/ctrlx-safety)

 [Configurator](#)

 [Community](#)

 [Contact](#)





### Safety PLC cycle time

Main program	4 ms
Fast channel	1 ms

### Interfaces



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

### 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)

-  [Configurator](#)
-  [Community](#)
-  [Contact](#)



The data specified above only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. It must be remembered that our products are subject to a natural process of wear and aging.