



COSMOS 315X

Digital servodrive

Description

High-performance digital servodrive, available for both brushless and asynchronous motors. Designed for challenging applications on modern machinery, it offers extraordinary flexibility thanks to reliable real-time buses, sophisticated control algorithms, flexibility on motors and encoders, integrated braking resistor and Safe Torque Off SIL-2 function. Available with SERCOS III™ and proprietary FLXIO™ interfaces for demanding real-time applications or standard Ethernet where timings are not paramount.



Smittec S.p.A.

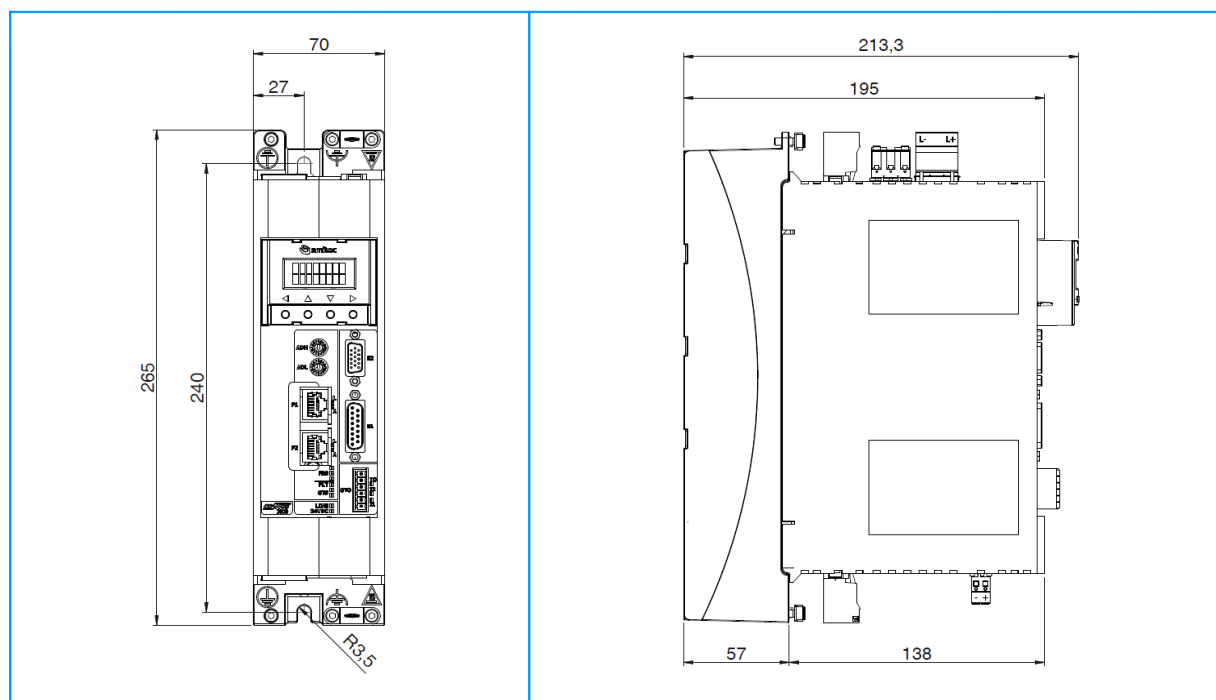
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Technical data	
Housing material	Polycarbonate
Degree of protection	IP20
Type of motors	Asynchronous three-phase or brushless (depending on version)
Continuous output current	8.5 A _{RMS}
Peak output current	15 A
Safety functions	Integrated STO (Safe Torque Off) function (SIL-2) available
Auxiliary voltage	24 V _{DC}
Feedback inputs	Incremental encoders (differential 5 V or 24V HTL outputs) or Hiperface encoders, depending on version
User interface	Optional detachable VISIO (keypad and display interface) for parameter setup and data visualization; USB port (device mode) for FW update and debug
Bus interface	SERCOS III™, Ethernet or proprietary FLXIO™
Electrical specifications	Main supply: 3 phase, 230 ÷ 460 V _{AC} Auxiliary supply: 24 V _{DC} -15% ÷ +10%
Environmental specifications	Operating temperature from +0°C to +55°C (no derating up to 40°C) Relative humidity from 5% to 85% (non-condensing)

Dimensions



Data here mentioned are subject to changes without any notice.