

Product announcement

# SINAMICS G120X I/O Extension Module

February 2020

With great pleasure, Siemens would like to announce the sales and delivery release of the I/O Extension Module option for ALL variants (240V, 480V and 690V) of SINAMICS G120X.

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## Features of I/O Extension module:

- cULus listed accessory for SINAMICS G120X
- Harsh and corrosive environment ready as standard with Class 3C3 coating / sealing
- Additional I/O to the existing G120X
  - 1x AI AI2 as Analog Temperature Input (Pt or Ni 1000) or Current Input (0–20mA)
  - 1x AI AI3 as Analog Temperature Input (Pt or Ni 1000)
  - 2x AO AO1 and AO2 as Analog Current Outputs (0–20mA) or Voltage Outputs (0–10V)
  - 2x DI DI6 and DI7 as Digital Inputs
  - 4x DO DO2–DO5 as Relay Outputs rated max 2A, 250V AC / 30V DC
- Available as a configured option and **can be ordered together with the SINAMICS G120X drive i.e 13th digit** of G120X MLFB/part number can be configured as “1” to get the drive with IO module.

**Example:** order number 6SL3220-3YE10-1UF0 for 1 hp, 480V G120X PN 3C2 unfiltered version with IOP-2 and I/O extension module

- Can be also ordered seperately as an accessory

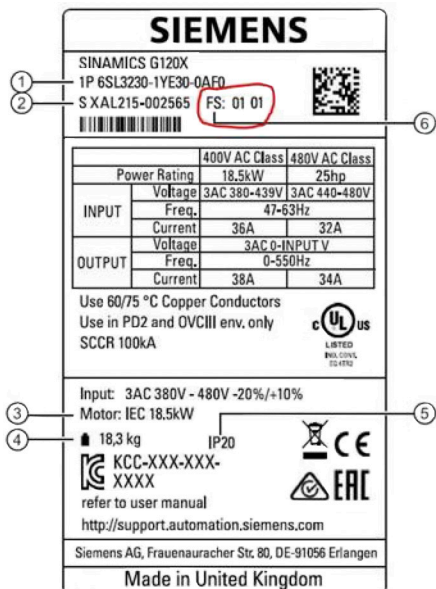
Part number	6SL3255-0BE00-0AA0	(US List Price: \$144)
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However, please see the **Important (Compatibility) Notes** below.

- Necessary updates to SINAMICS G120X documentation and tools (DT Configurator, SINAMICS Selector App, etc.) are in progress.
- [Click here](#) for additional information on I/O extension module on SIOS

### Important (Compatibility) Notes

- The I/O extension module is compatible with ALL USS / Modbus / BACnet MSTP and PROFIBUS variants of SINAMICS G120X drives.
- Only for the PROFINET or EtherNet/IP variant of G120X, if the I/O extension module is ordered seperately as accessory as metioned in item 6 above, then it is ONLY compatible with the G120X hardware version or "FS" code  $\geq 02\ 02$  (for FSA to FSG) and  $\geq 02$  (for FSH to FSJ) as shown on the G120X rating plate image below, and the G120X firmware version used is  $\geq 1.01$  (parameter r29018 and r0018, also [click here](#) for SIOS note for FW version 1.01.00).



### Rating plate

- ① Article number
- ② Product serial number
- ③ Motor data
- ④ Net weight
- ⑤ Degree of protection
- ⑥ FS code

- Currently, the I/O extension module CANNOT be used with the IOP-2 door mounting kit. Siemens AG is working on a resolution of this issue. You will be informed once the issues are resolved by R&D.

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