

SINAMICS G120 REPAIR PARTS

# Product Data Sheet

**A5E36717813**

IGD1 trigger driver board

|                                       |                                      |                   |                   |
|---------------------------------------|--------------------------------------|-------------------|-------------------|
| FUNCTION<br>IGD1 trigger driver board | FAMILY<br>SINAMICS G120 repair parts | ORIGIN<br>Germany | WEIGHT<br>0.38 kg |
|---------------------------------------|--------------------------------------|-------------------|-------------------|

Siemens SINAMICS A5E36717813 is a IGD1 trigger driver board for the SINAMICS G120 repair parts. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                      |                                     |
|----------------------|-------------------------------------|
| Component Class      | IGD1 trigger board                  |
| Drive Family         | SINAMICS G120                       |
| Primary Function     | Triggers 260 A power semiconductors |
| Power Architecture   | WLX_317425 gate-drive stage         |
| Voltage Class        | 480 V AC / 650 V DC                 |
| Current Rating       | 260 A continuous class              |
| Control Supply       | Isolated logic-side supply          |
| Power Section        | Inverter trigger section            |
| Mechanical Design    | TIM board assembly                  |
| Electrical Interface | Internal gate and feedback plugs    |

## ADDITIONAL PRODUCT DATA

|                     |                               |
|---------------------|-------------------------------|
| Cooling Integration | Mounted on cooled power block |
| Board Designation   | A5E36717813 WLX_317425        |
| Service Role        | G120 power repair component   |
| Product Status      | PM300 active spare family     |
| Commissioning Check | Confirm 260 A TIM marking     |

## OFFICIAL APPLICATIONS

- Apply the IGD1 trigger driver board: Use A5E36717813 for triggers 260 a power semiconductors only after confirming the installed drive family, exact section and electrical class.
- Match the 480 V AC / 650 V DC hardware: Compare the full nameplate, connector positions, board designation, power-device rating and cooling arrangement before replacement.
- Validate the repaired drive section: Confirm 260 A TIM marking. Review drive diagnostics and test the affected motor, line or braking function under the approved commissioning procedure.

## SYSTEM COMPATIBILITY

Match A5E36717813 to the installed SINAMICS G120 repair parts, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

## OFFICIAL SOURCES

[Siemens Industry Mall and applicable drive documentation](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/A5E36717813>

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