

ABB DRIVES

Product Data Sheet

3BHL000392P0101

industrial IGCT power module

FUNCTION industrial IGCT power module	FAMILY ABB Drives	ORIGIN Switzerland	WEIGHT 1.22 kg
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ABB Drives 3BHL000392P0101 is a industrial IGCT power module for the ABB Drives. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Turn-On Pulse	+20V ±5%, 500A peak
Turn-Off Pulse (Overdrive)	-20V plateau followed
Stored charge extraction	≥100μC
di/dt tolerance	>2kA/μs during turn-off
Energy per Switching	<3mJ/cycle
+24V DC Input (Logic)	200mA
Jitter tolerance	±30ns
Operational ambient	-40°C to +85°C
Exact Article Code	3BHL000392P0101
Product Family	ABB Drives

Semiconductor Type	IGCT
Switching Position	Drive power converter stage
Gate Interface	Matched ABB gate unit
Cooling Interface	Converter heat-sink mounting
Electrical Matching	Exact voltage and current class

- Synchronize paint-shop conveying with Industrial Igct: Across the carrier tracking and booth interfaces, 3BHL000392P0101 provides its specified system function as a industrial IGCT power module. During carrier accumulation, the system uses this function to route carriers by production status, helping it preserve body order through the process.
- Stabilize paper-machine draws with Industrial Igct: Across the press rolls and sectional drives, 3BHL000392P0101 supports the configured automation role as a industrial IGCT power module. During sheet threading, the system uses this function to maintain speed ratios between machine sections, helping it protect sheet tension during acceleration.
- Synchronize web transport with Industrial Igct: As part of the unwinders, dancers and pull rolls, 3BHL000392P0101 serves its documented function as a industrial IGCT power module. During format change, the system uses this function to synchronize the driven sections with product position, helping it protect web tension and print registration.

Match 3BHL000392P0101 to the installed ABB Drives, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB ABB Drives documentation](#)

<https://new.abb.com/control-systems>

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