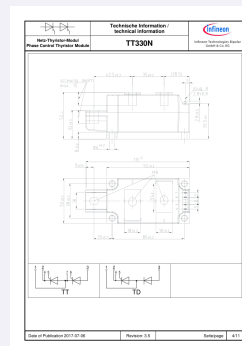


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

TD330N16KOF

phase control thyristor/diode module



PRODUCT	TD330N16KOF
FAMILY	Infineon Power Block modules
FUNCTION	phase control thyristor/diode module
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Infineon documentation. This guide supplements the complete manufacturer manual and site procedure.

01

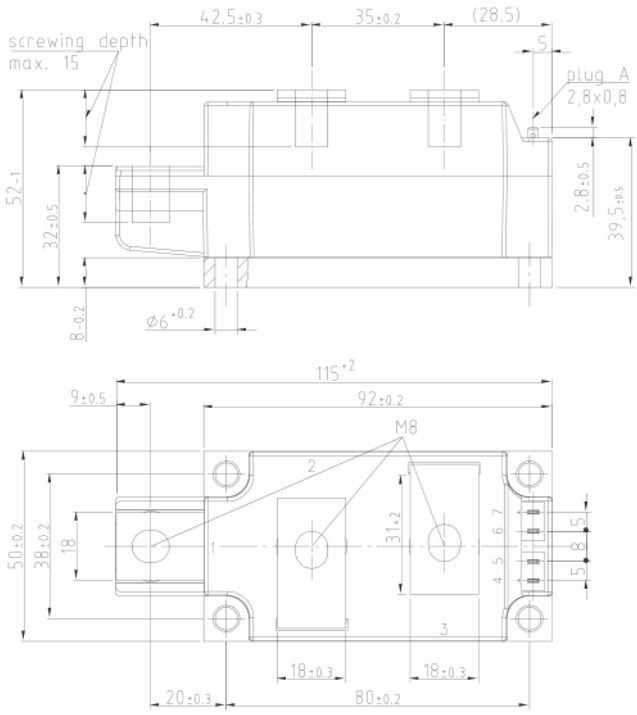
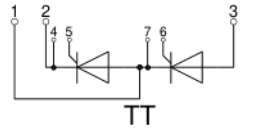
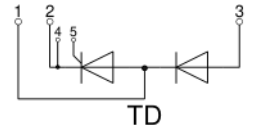
CONFIRM THE ORDERED CONFIGURATION

Device Configuration	SCR/diode phase control
Repetitive Peak Off-State Voltage	1600 V
Average On-State Current	330 A at TC 85°C
RMS On-State Current	520 A
Surge Current	12,500 A at 25°C
I ² t Rating	781,250 A ² s at 25°C

02

PREPARATION AND CONNECTION

- Confirm the complete TD330N16KOF article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

	Technische Information / technical information	
Netz-Thyristor-Modul Phase Control Thyristor Module	TT330N	Infineon Technologies Bipolar GmbH & Co. KG
		
 TT	 TD	
Date of Publication 2017-07-06	Revision: 3.5	Seite/page 4/11

04

COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05

CONTROLLED DOCUMENT

Official source	Infineon official manufacturer documentation
Product record	TD330N16KOF
Manufacturer	Infineon
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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AMIKONG.COM