

**NOTES**

- ALL UNTOLERANCED DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.
- THIS PRODUCT MUST BE EARTHED.
- WARNING - ROTATING PARTS. HANDLING, INSTALLATION AND GUARDING PRECAUTIONS MUST BE TAKEN.
- INSTALLATION AND OPERATION BY QUALIFIED PERSONNEL ONLY.
- THIS PRODUCT IS INTENDED FOR USE WITHIN THIRD PARTY OEM EQUIPMENT. CORRECT GUARDING AND INTERLOCKING ARE THE RESPONSIBILITY OF THE THIRD PARTY OEM EQUIPMENT MANUFACTURER. THIS EQUIPMENT SHOULD NOT BE OPERATED WITHOUT APPROPRIATE GUARDS AND INTERLOCKS IN PLACE. INSTRUCTIONS AND MARKING FOR SAFE USE IN APPLICATION ARE THE RESPONSIBILITY OF THE THIRD PARTY OEM EQUIPMENT MANUFACTURER.
- CARE SHOULD BE TAKEN DURING HANDLING - SHARP/POINTED EDGES MAY EXIST ON THE PRODUCT.
- CORRECT CONNECTION TO THE SUPPLY MAINS IS THE RESPONSIBILITY OF THE THIRD PARTY OEM EQUIPMENT MANUFACTURER. SUITABLE SUPPLY PROTECTION AND ISOLATION MUST BE PROVIDED. EXTERNAL CABLING SHOULD NOT RUN OVER SHARP EDGES.
- DAMAGE TO MAINS SUPPLY CABLES SHOULD BE REPAIRED BY QUALIFIED PERSONNEL ONLY.
- CABLES SHOULD BE KEPT CLEAR OF HOT SURFACES.
- DO NOT CHANGE MOTOR (INVERTER AND/OR MOTOR CAN BE DAMAGED). INVERTER MUST BE EARTHED. KEEP INVERTER VENTILATED, DIFFERENT APPLICATIONS MUST BE VERIFIED.

**SPECIFICATIONS**

Supply	230v ±10% 50/60 Hz (295v overvoltage, 180v undervoltage)
Frequency Range	8 - 88Hz
Mode of operation	Continuous
Power In	500 W (limit 550 W) 550 VA
Control - Input - Output	0 -10v dc 10v dc, max load 15mA
Dielectric strength	On basic insulation 1500v dc (live to earth) On reinforced insulation 3750v dc (live to signal)
Leakage Current	~ 2mA
Protection	Over load, temperature, current
Inrush Current at Power On	65 A max ~ 1ms @ 230 V @ T = 25° C, OFF for >1min
Motor Protection	IP20
Motor insulation class	F
Operational Temperature	-20 to +40 deg C
Weight	X
Material - Housing - Impeller - Motor & Integral Inverter	Galvanised steel Galvanised steel Cast/extruded aluminium
Mounting - Motor - Inverter	In airstream In airstream
Bearings	Sealed for life ball
Balance Grade	G6.3 or better
EMC - Interference emission - Interference immunity - Harmonic	EN 61000-6-2 EN 61000-6-3 EN 61000-3-2 EN 61000-3-3

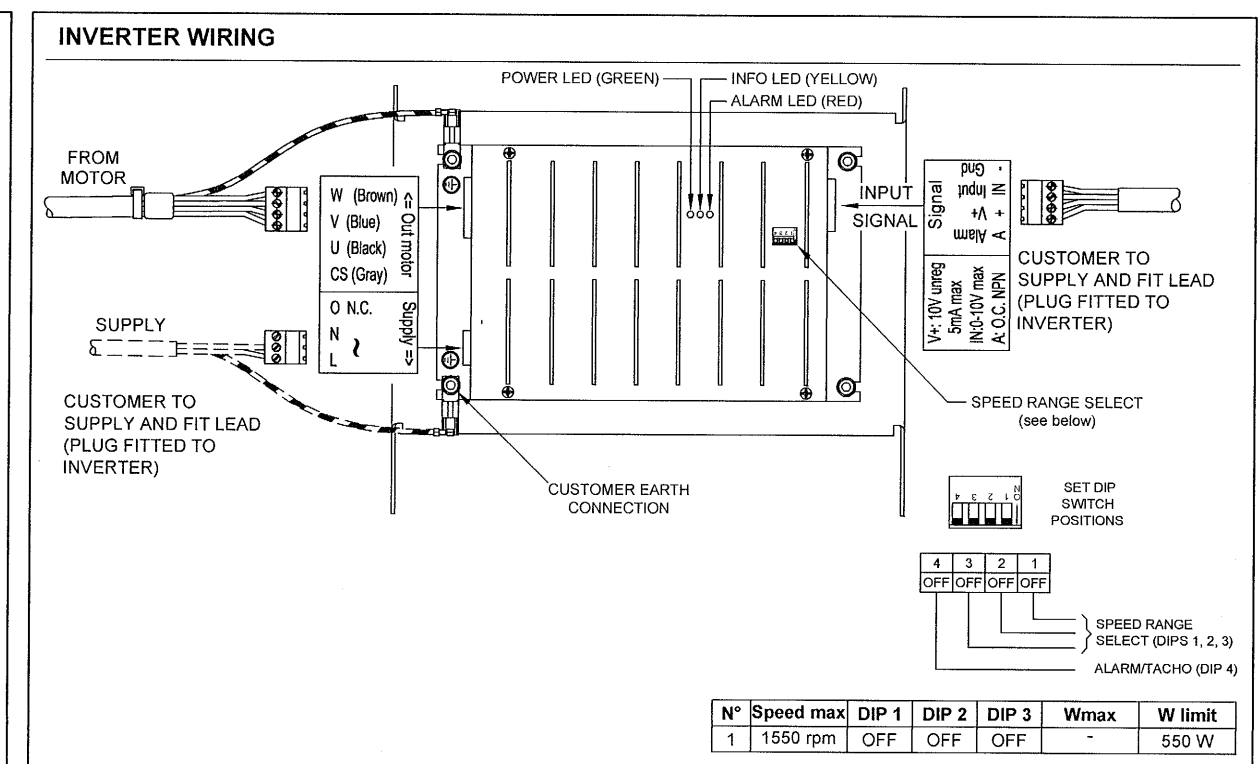
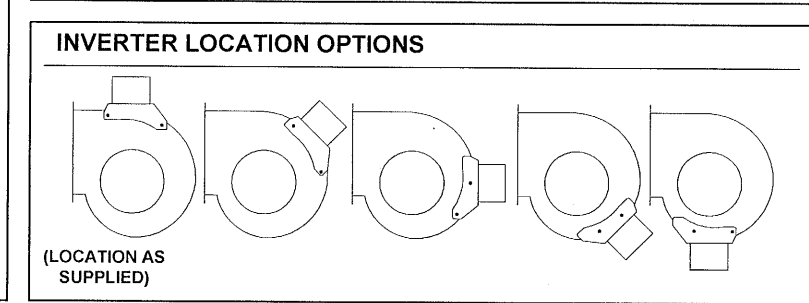
**PRODUCT LABELLING**

**torin-sifan** **CE**  
The Partner of Choice

Description: ECDDC241-241-B-0550i-1550  
Part Number: 177806-B-00

Overall Efficiency: 47.7%	Electrical Supply: 230V 50Hz
Measurement Type: A	Input Power: 550W
Efficiency Type: Static	Input Current: 2.5A
FMEG: 57	Insulation Class: F
VSD: Integral	IP Rating: 20

Date / WO / Serial 02/14 123456 0009



**ALARM FUNCTIONS**

ALARM TYPES	LED INDICATIONS	ALARM INDICATIONS DIP4 = OFF	ACTIONS	NOTES
OVER TEMPERATURE	Blink Alarm led	Blink Alarm output	Motor OFF	Autorestart Alarm. After about 1,5 min of persistence condition the alarm is set permanently; led ON and Alarm on and system is in STOP mode
OVER VOLTAGE	3s ON / 0,5s OFF	3s ON / 0,5s OFF	Motor OFF	
UNDERVOLTAGE				
OVER CURRENT				
OVER LOAD	Blink Alarm led	Blink Alarm output	Speed reduction	Power limiting
TORQUE LIMIT	0,5s ON / 0,5s OFF	0,5s ON / 0,5s OFF	Speed reduction	Current limiting
SAFETY CONTROL				Temperature limiting
STOP	Alarm led ON permanently	Alarm output ON permanently	Motor OFF	Set input at 0V to reset the alarms

**torin-sifan**  
The Partner of Choice

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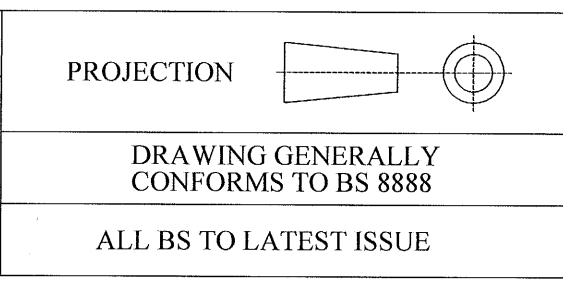
PRODUCT TYPE: LARGE BLOWER

TECH 1: AC  EC

TECH 2: AC  BD  CP  DC  ECI  ECR

ERP DIRECTIVE: Y

Ng/EN ARTICLE: 57



DR. T-S	CHKD sm	AP. SMH	A2
DATE 01/04/14	DATE 18/09/14	DATE 18/09/14	
DIMENSIONS IN MILLIMETRES			
SCALE: N.T.S. (UNLESS OTHERWISE STATED)			

2	MOTOR OVERHANG DIMENSION ADDED TO LAYOUT. 060741 WAS OUTSIDE OF HOUSING TO TOP OF INVERTER.	06/08/14	19368
1	FIRST ISSUE	01/04/14	19277-06
ISS. MODIFICATION	DATE	C/N NO.	

MATERIAL

**GALVANISED STEEL**

FINISH

**NATURAL**

FIRST USED ON

SIMILAR TO FROM 177306

DIRECTORY PATH  
\\CAD\_TORIN\ASY\DDC\241-241\WF

TITLE

ECDDC241-241-B-0550i-1550

DRAWING NO.

**177806-B-00**

**00-B-908771**

DRAWING NO.

177806-B-00