

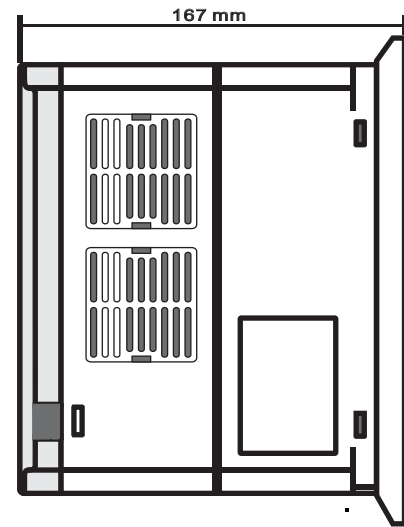
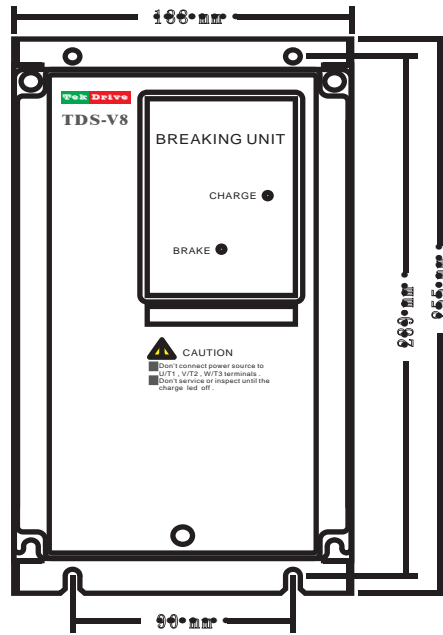


TDS Braking Unit

Model Number

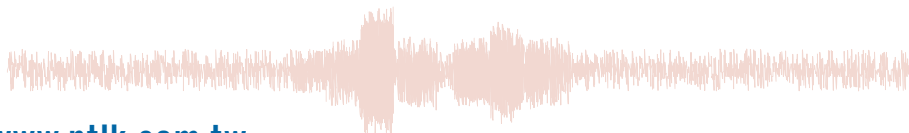
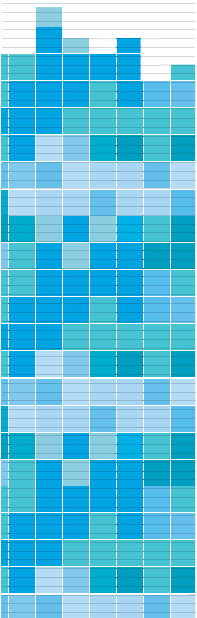
TMBU - H 30
 H 45
 L 30
 L 45

External Dimension & Mounting Dimension

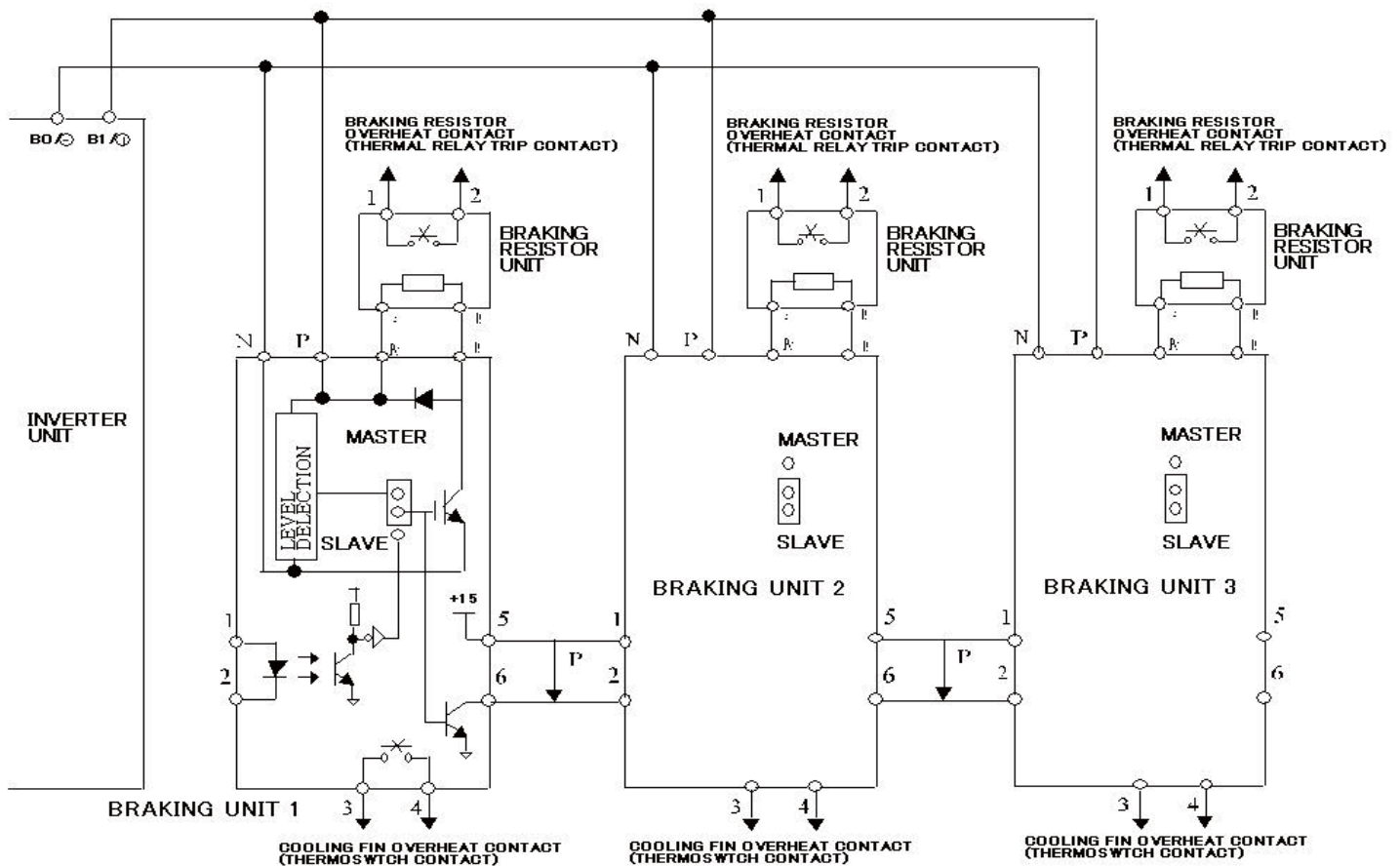


TMBU Specification

Voltage	220V		440V	
	L30	L45	H30	H45
TMBU	L30	L45	H30	H45
Applicable HP	25,30,40	50,60	25,30,40	50,60
Max. Current	80A	120A	60A	80A
Continuous Current	25A	40A	20A	25A



Connection Diagram



Troubleshooting

No.	Fault Status	Cause	Corrective Action
1	Braking resistor unit overload relay (or thermal protector) trips when not decelerating.	<ul style="list-style-type: none"> • Without braking unit Inverter built-in main circuit discharging transistor short circuited	Replace the inverter
		<ul style="list-style-type: none"> • With braking unit Braking unit main circuit discharging transistor short circuited	Replace the unit
		Improper braking unit power supply voltage selection connector setting (Power supply voltage > power supply voltage selection position)	Set it again
2	Inverter trips at overvoltage (OV)	Insufficient braking resistor unit capacity	Examine the braking conditions again
		Improper wiring	Check and repair
		Braking unit fault	Replace the unit
3	Braking resistor unit overload relay (or thermal protector) sometimes trips.	Insufficient braking resistor unit capacity	Examine the braking conditions again
4	Braking unit trips by heat sink overheat	Excessive start/stop switching frequency	Examine the operating conditions again
		Excessive load inertia	
		Improper combination of braking unit and braking resistor	Reset
		Ambient temperature 104°F(40°C)	Reduce it