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The products in this manual are industrial products and are all open-type housing designs. It is essential to install these products within a control cabinet that is safeguarded against dust, moisture, and accidents such as electric shocks or physical impacts. Additionally, protective measures must be taken to prevent malfunctions or damage caused by improper operation or accidents involving non-maintenance personnel. Failure to do so may lead to serious risks to personnel safety and potential loss of proper y.

E630

Please refer to the E630 series textile-specifc super-star variable frequency drive (VFD) manual for more detailed information.

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HDv	HCFA industrial drives

E630	E630

4T	Three-phase 380V~480V

030	30kW
037	37kW
045	45kW
075	75kW

(N/A)	Without brake unit
B	With brake unit

HDv-E630-4T030B-CC0	40	62	60	3.7
HDv-E630-4T037B-CC0	57	76	75	3.7~4.5
HDv-E630-4T045B-CC0	69	92	91	4.5~5.5
HDv-E630-4T075B-CC0	114	157	150	7.5~10

	Altitude	≤1000m 1000~3000m	≤1000m (Derating is required for altitude from 1000m to 3000m)
	Operating environment		Indoor use open type, must be installed in a protective control cabinet
	Operating temperature	-10~50 45~50	-10~50 (Derating is required for temperature from 45 to 50)
	Storage temperature	-20~70	-20~70
	Ambient humidity	20%~85%RH	20~85%RH (non-condensing)
	Vibration resistance	<5.88m/s² 0.6g	<5.88m/s²(0.6g)
	Pollution degree		Level 2 or Level 1
	Cooling method		Cooling fan
	IP rating	IP20	IP20

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*Note: If the equipment is used in a manner not specifed by the manufacturer, the protection provided by the equipment may be impaired.

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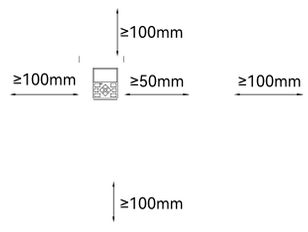
50mm



3.5N.m

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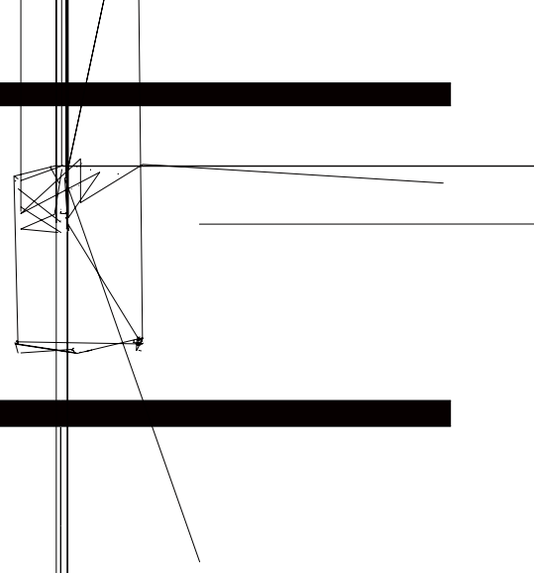

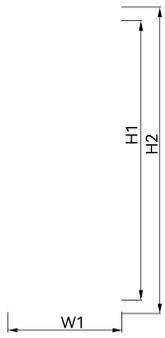

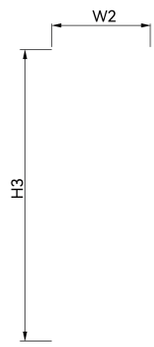

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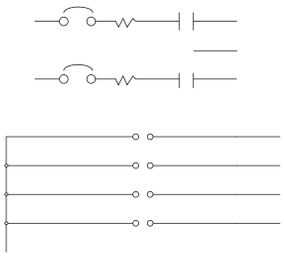
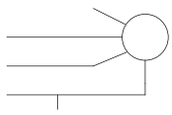
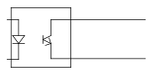
*Note1: DIP switch function description

Toggle up	OFF (Terminal resistance disconnected)	OFF (Terminal resistance disconnected)	I (Input current signal)	250R AI (AI input impedance)
Toggle down	ON (Terminal resistance connected)	ON (Terminal resistance connected)	U (Input voltage signal)	500R AI (AI input impedance)