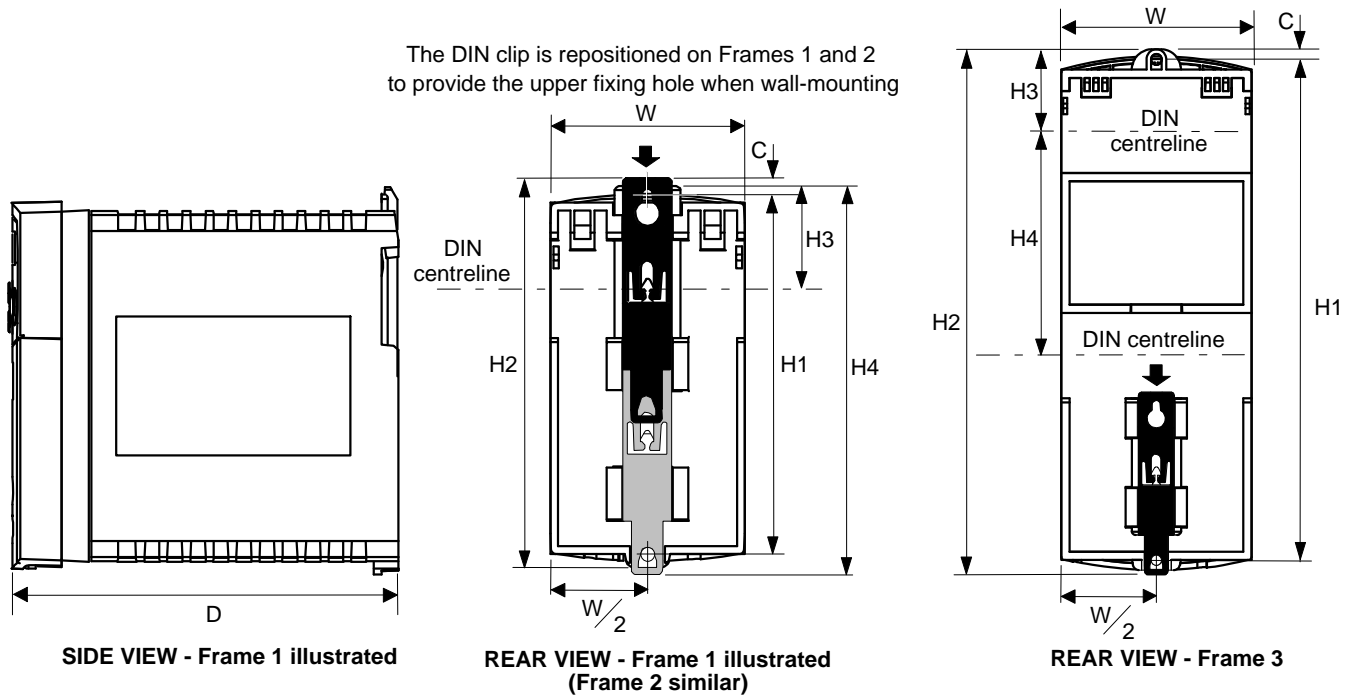


INSTALLING THE DRIVE

IMPORTANT: Read Chapter 10: "Certification for the Drive" before installing this unit.

Mechanical Installation



	Fixing	Torque	Weight	H1 Fixing Centres	H2	H3	H4	C	W	D
Frame 1	M4	1.5Nm	0.85kg	132 (5.2")	143 (5.6")	35 (1.4")	139 (5.5")	6 (0.2")	73 (2.9")	142 (5.6")
Frame 2	M5	3.0Nm	1.4kg	188 (7.4")	201 (7.9")	35 (1.4")	194 (7.7")	6.5 (0.24")	73 (2.9")	173 (6.8")
Frame 3	M5	3.0Nm	2.7kg	242 (9.5")	260 (10.2")	38 (1.5")	112 (4.4")	5 (0.2")	96 (3.8")	200 (7.9")

Dimensions are in millimetres (inches)

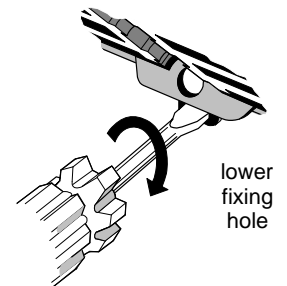
Mounting the Drive

To maintain compliance with European Electrical Safety Standard VDE0160(1994)/EN50178 (1998) the unit must be mounted inside a control cubicle that requires a tool for opening. The cubicle should provide 15dB attenuation to radiated emissions between 30-100MHz.

Mount the drive vertically on a solid, flat, non-flammable, vertical surface. It can be panel-mounted, or rail-mounted on a rail complying with EN50022 (35mm DIN).

DIN Mounting

To DIN mount the unit, hang the unit on the top DIN rail and push the unit onto the bottom DIN rail until it snaps in to position. Secure with a lower screw fixing. To release the unit, use a flat bladed screwdriver as shown.



Ventilation

Maintain a minimum air clearance for ventilation of 100mm (4 inches) above and below the unit. When mounting two or more 650 units together, these clearances are additive. Ensure that the mounting surface is normally cool. Be aware that adjacent equipment may generate heat and also have clearance requirements. Provided the minimum clearance for ventilation is maintained, 650 drives may be mounted side-by-side.