



Figure 3.1 - 584S Mounting Arrangements

Model	Outside Dimensions (mm)			Fixing Centres (mm)				Fixing Size	Cooling air clearance (mm)		OPTIONS				
											Overall height (mm)	Exit air clearance (mm)		Conduit hole size (mm)	
	A	B	C	D	E	F	G		H	I	N	X	Y	C1	C2
Type 4	318	228	157	300	200	14	9	M6	80	10	385	40	130	32	20-32
Type 5	468	228	157	450	200	14	9	M6	80	10	535	40	130	32	20-32
Type 6	672	234	298	650	200	17	11	M8	100	40	775	40	130	20-40	32-40
Type 7*	838	398	336	800	370	14	19	M10	250	50	1125	120	300	-	44-76

Table 3.1 - 584S Mechanical Mounting Details

* Full mechanical details of type 7 including through panel mounting is provided in Appendix F Chapter 7.

Further mechanical details are also available from Eurotherm Drives Engineering department.

ELECTRICAL INSTALLATION

The following instructions describe the wiring requirements for operation of the 584S as basic speed controllers. The variety of specific drive applications precludes the inclusion of diagrams showing all wiring options.

Power Wiring



Caution

Never perform high voltage resistance checks on the wiring without first disconnecting the drive from the circuit being tested.

All relevant national standards and local electricity board regulations must be observed at installation.

Power cables must have a minimum rating of 1.1 x full load current.

Power cables (particularly 3-phase motor cables) must be routed well away from cables carrying setpoints or feedback signals, screened motor feedback cables, and cables from other electronic equipment in the same plant.

The main power supply should be 3-phase and within the voltage tolerances specified in "**ELECTRICAL RATINGS - Power Circuit**" in Chapter 1 of this manual. The supply should be connected to power board terminals L1, L2 and L3 of the 584S.

Access to the power terminals is obtained by removing terminal cover with a screwdriver, then prising off terminal strip.