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KNX Quick Configuration Guide issue 1

The top DIN rail is usually reserved for termination and therefore blanked off with 1 x LXN-BP (Blanking Plate)

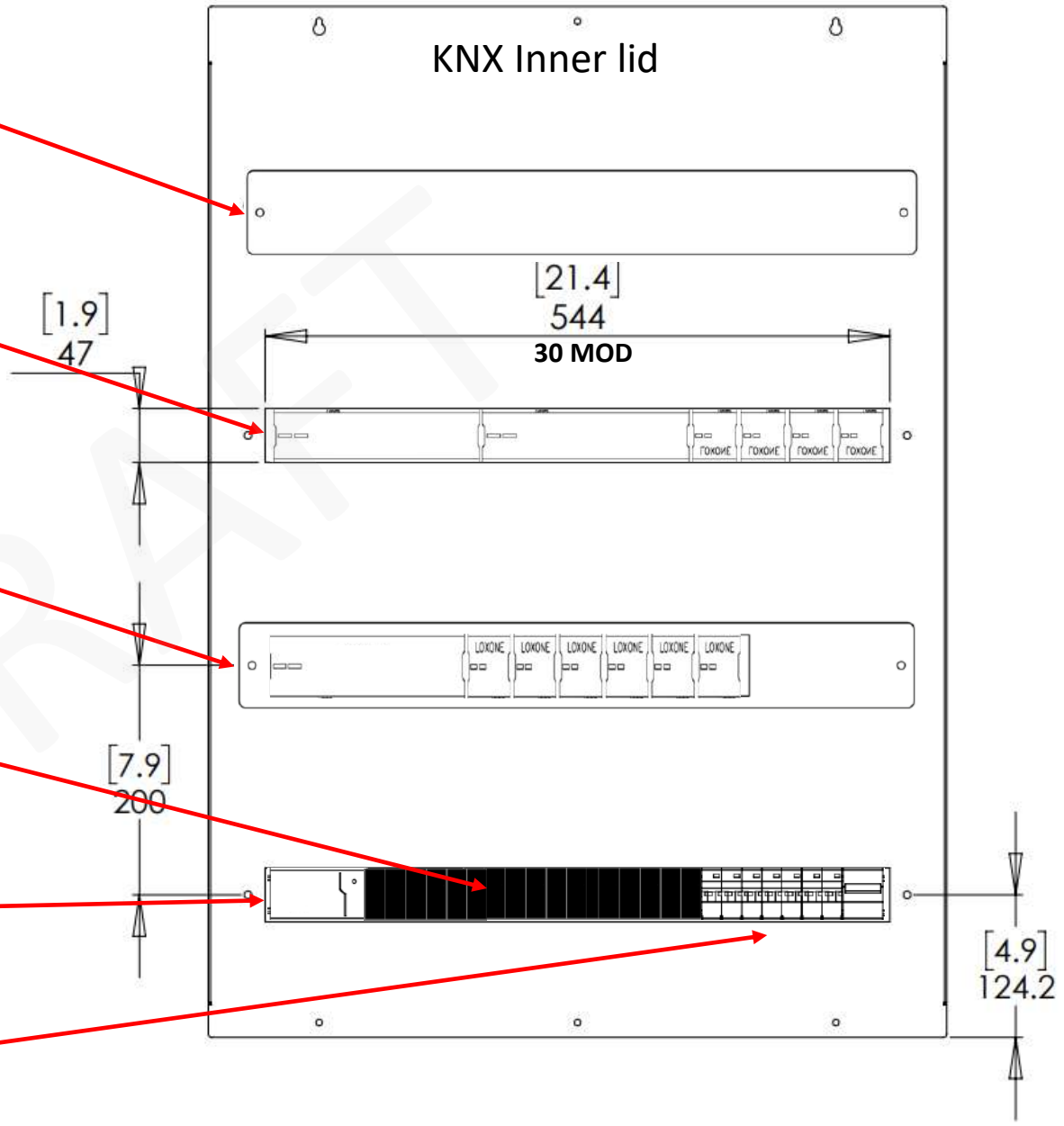
Always align your KNX modules with the left hand edge of the inner lid slot and work left to right, this ensures you can use our range of LXN-MTP's or LCP-MTP (Module Trim Plates)

Example Module Trim Plate
to cover any unpopulated exposed areas.
See LXN-MTP tech sheet for range

Unused spaced can also be filled by using DIN Rail Blanks (LCP-DRB)

Power supplies, Couplers etc. are usually mounted on the left

Circuit Breakers & Isolator switch usually mounted on the RHS



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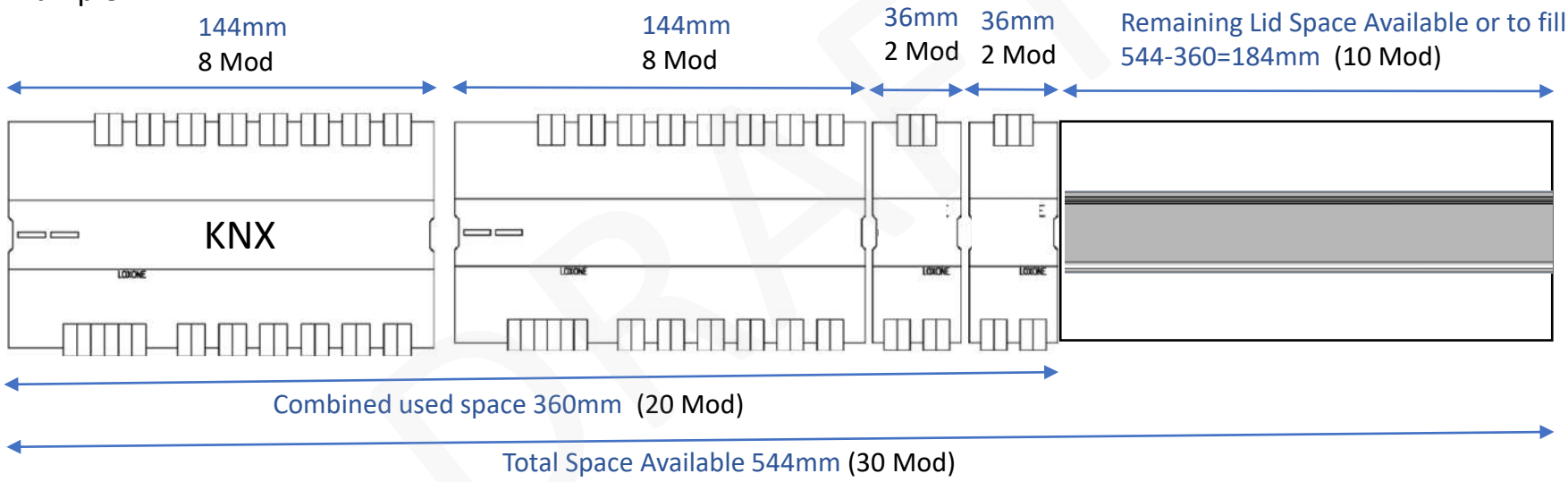
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Roughly layout your KNX modules, using best practice rules of keeping low voltage separated from high voltage and audio away from mains etc. (where possible).

Always start from the left, sum up the width of the modules, you can fit a total of 544mm (30 Mod) once you reach that you will need to start on a new rail. *(1 Mod is the size of a one standard single MCB 18mm)*

Example…



Sum up the width of the KNX modules on the following rails. You will then need to fill the unused space on a rail either by using (LCP-DRB DIN Rail Blanks or by selecting one of our LXN-MTP Module Trim Plates & LCP-MTP Module Trim Plates see MTP Tech sheet. If using MTP's once you have everything wired and in its final position for extra neatness you can use some 6mm double sided tape (3M™ Double Coated Paper Tape 9086) to stick the trim plates to the lid. *A spreadsheet is a great tool for calculating Module space on the din rails.*
(544mm (30mod) – used space = space remaining)

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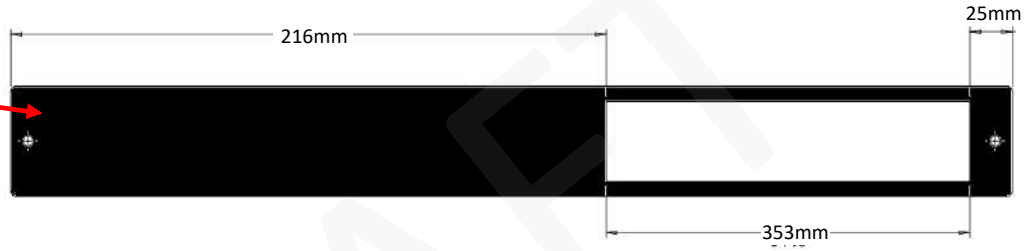
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If you require a deeper pan enclosure for larger power supplies you can use our range of LXN-D enclosures 3 rail up to a 6

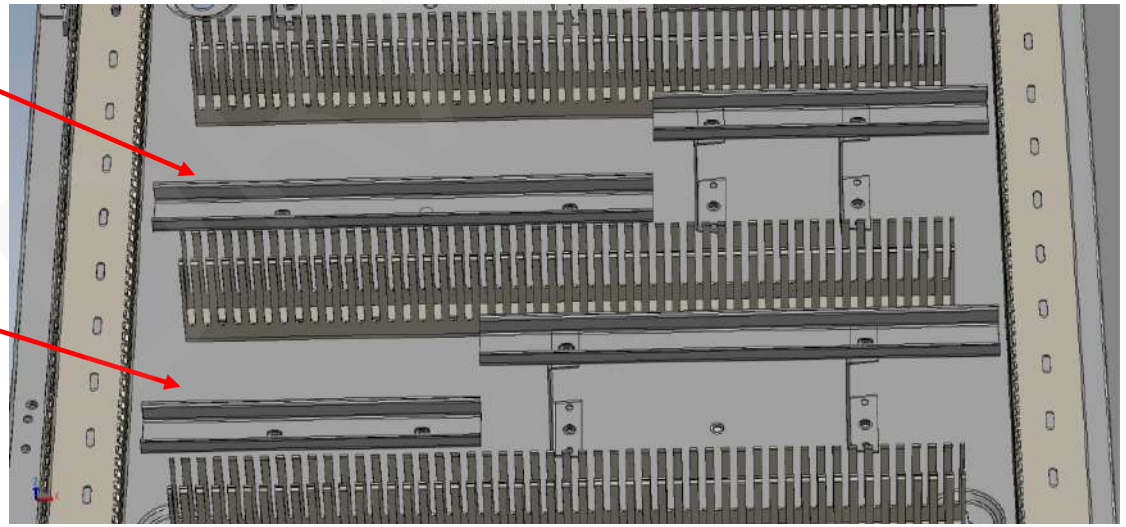
For the LXN#-D (Deeper Pan range) you can split each DIN rail 60/40 or 40/60

Use “LXN-D-440-TXBP” dedicated trim plate



60% Mounted off the brackets for deeper power supplies

40% Mounted off the brackets for deeper power supplies



Can also have 100% of the DIN rail mounted on or off the brackets