# Comparison of combinations - IKD1M with IKD-IN/-OUT-16

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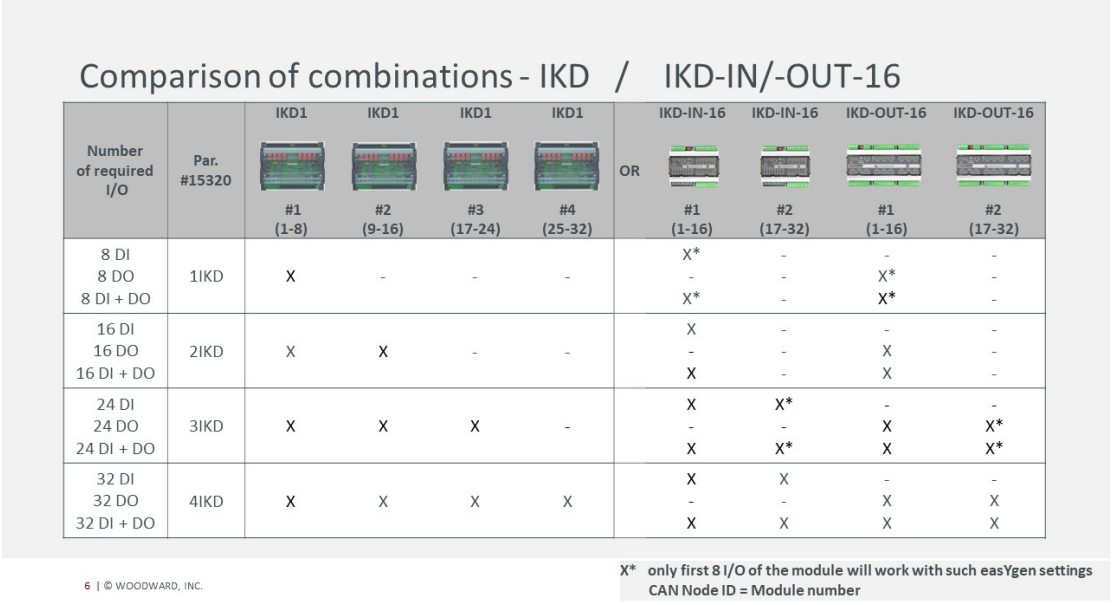
Below you can find comparison of combinations and mixing of the IKD1M with new IKD-IN16 and IKD-OUT-16.




**X* only the first 8 inputs / outputs of the module will work with such easYgen settings CAN Node ID = Module number; Please adjust the Node ID of the additional I/Os accordingly! (either via the Software or via the Dip-Switches)**

# Supported **mixing** of IKD and the new IKD-IN/-OUT-16

| Number of required I/O | easYgen-Par. #15320 | IKD1  #1 (1-8) | IKD1  #2 (9-16) | IKD1  #3 (17-24) | IKD1  #4 (25-32) | IKD-IN-16  #1 (1-16) | IKD-IN-16  #2 (17-32) | IKD-OUT-16  #1 (1-16) | IKD-OUT-16  #2 (17-32) |
|---|---|---|---|---|---|---|---|---|---|
| 24 DI | 3IKD | - | - | X | - | X | - | - | - |
| 24 DO | | - | - | X | - | - | - | X | - |
| 24 DI + DO | | - | - | X | - | X | - | X | - |
| 24 DI | 3IKD | X | X | - | - | - | X* | - | - |
| 24 DO | | X | X | - | - | - | - | - | X* |
| 24 DI + DO | | X | X | - | - | - | X* | - | X* |
| 32 DI | 4IKD | X | X | - | - | - | X | - | - |
| 32 DO | | X | X | - | - | - | - | - | X |
| 32 DI + DO | | X | X | - | - | - | X | - | X |
| 32 DI | 4IKD | - | - | X | X | X | - | - | - |
| 32 DO | | - | - | X | X | - | - | X | - |
| 32 DI + DO | | - | - | X | X | X | - | X | - |

X* only first 8 I/O of the module will work with such easYgen settings
CAN Node ID = Module number