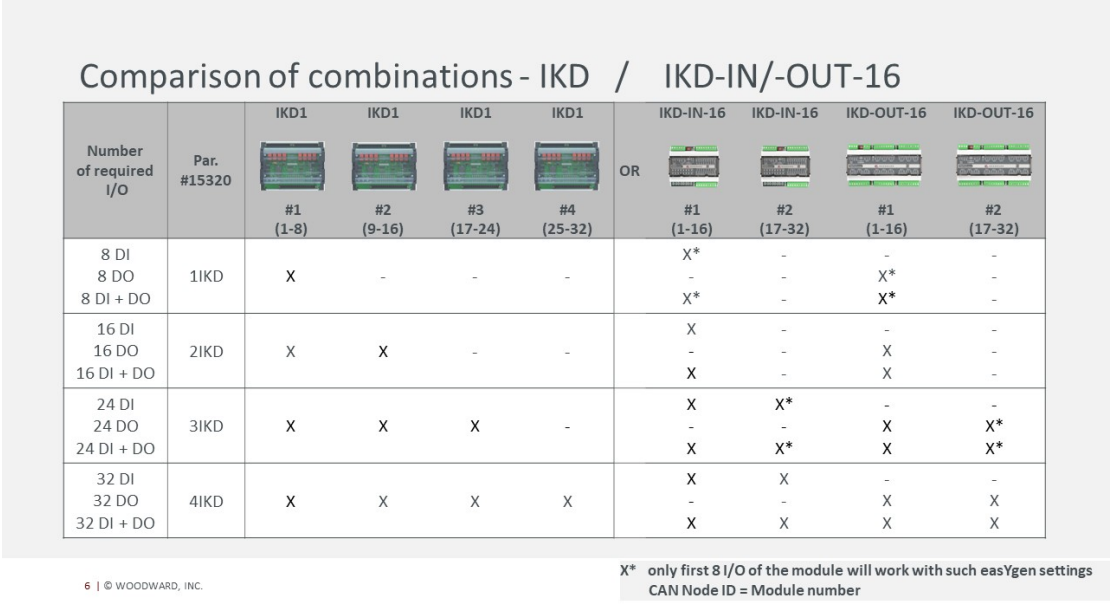
Comparison of combinations - IKD1M with IKD-IN/-OUT-16

Maciej Madej - 2023-02-01 - external I/O

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



Comparison of combinations - IKD / IKD-IN/-OUT-16

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

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

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