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PRELIM INFO ON IKD-IN-16 AND IKD-OUT-16

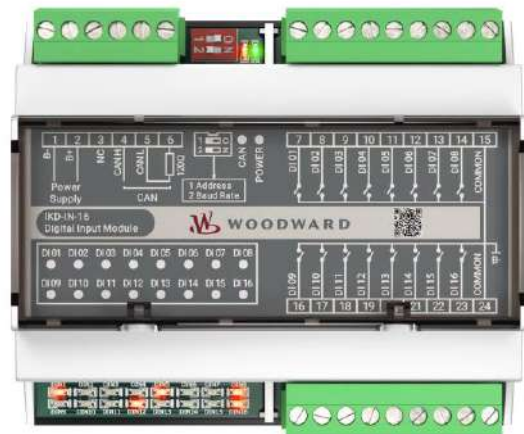
CURRENT

IKD1M



UPCOMING

IKD-IN-16



*actual product may differ from this representation

IKD-OUT-16



*actual product may differ from this representation

As you know, Woodward is among many companies experiencing component supply constraints, which are causing extended lead times on a subset of our electronic power management product lines. Ensuring timely product availability to customers is always a top priority for Woodward. Our power management controls support Woodward make IKD as well as 3rd party make remote I/Os. Not only the IKDs but also the 3rd party modules are experiencing long lead times, sometimes significantly longer than IKD. Among several actions ongoing to improve the IKD lead times, one that is among high priority is to launch remote I/O modules that are readily available. IKD-IN-16 is a discrete input module having 16 DIs. IKD-OUT-16 is a discrete output module having 16 relay outputs. Both the modules communicate over CANopen to the peer power management devices like easYgen-3000XT and others. Functionally these two modules are designed to be very close to IKD1M, however form and fit may vary. This document details the expected gaps compared to an IKD1M. Also, IKD-IN-16 and IKD-OUT-16 are not thought to be successor of IKD1M rather addition to our remote I/O accessories. Just that, we can commit a shorter and firm delivery plan to new IKD modules that helps you execute on your production schedule.

	IKD1M	IKD-IN-16	IKD-OUT-16
Housing dimensions (L x W x H mm)	168 x 128 x 51	108 x 90 x 61	162 x 90 x 61
I/O	8x discrete inputs 8x relay outputs	16x discrete inputs (DIs energized by B- signal)	16x relay outputs (7A _{DC} @28V _{DC})
Power supply	12/24 Vdc (6 to 36 Vdc)	12/24 Vdc (9 to 35 Vdc)	24 Vdc (19 to 35 Vdc)
Annunciation	1x power LED 1x CAN LED 1x Alarm LED 8x DIN status LED	1x power LED 1x CAN LED 16x DIN status LED	1x power LED
Programming	PC tool and DPC cable	No programming required 2 DIP switches for module address (1/2) and CAN speed (500/250 kbps)	No programming required 2 DIP switches for module address (1/2) and CAN speed (500/250 kbps)

Note:

- The new IKD modules are designed in a way that allows them to communicate with the easYgens without a software update to the easYgens. That means any easYgen or power management product that supported IKD will also support the new IKDs by default (some exceptions with legacy products like GCP etc. may exist).

Schedule:

- Shipment expected Nov'22 (order acceptance from mid Oct'22)
- First shipments with CE and UKCA declarations. UL/cUL in preparation.



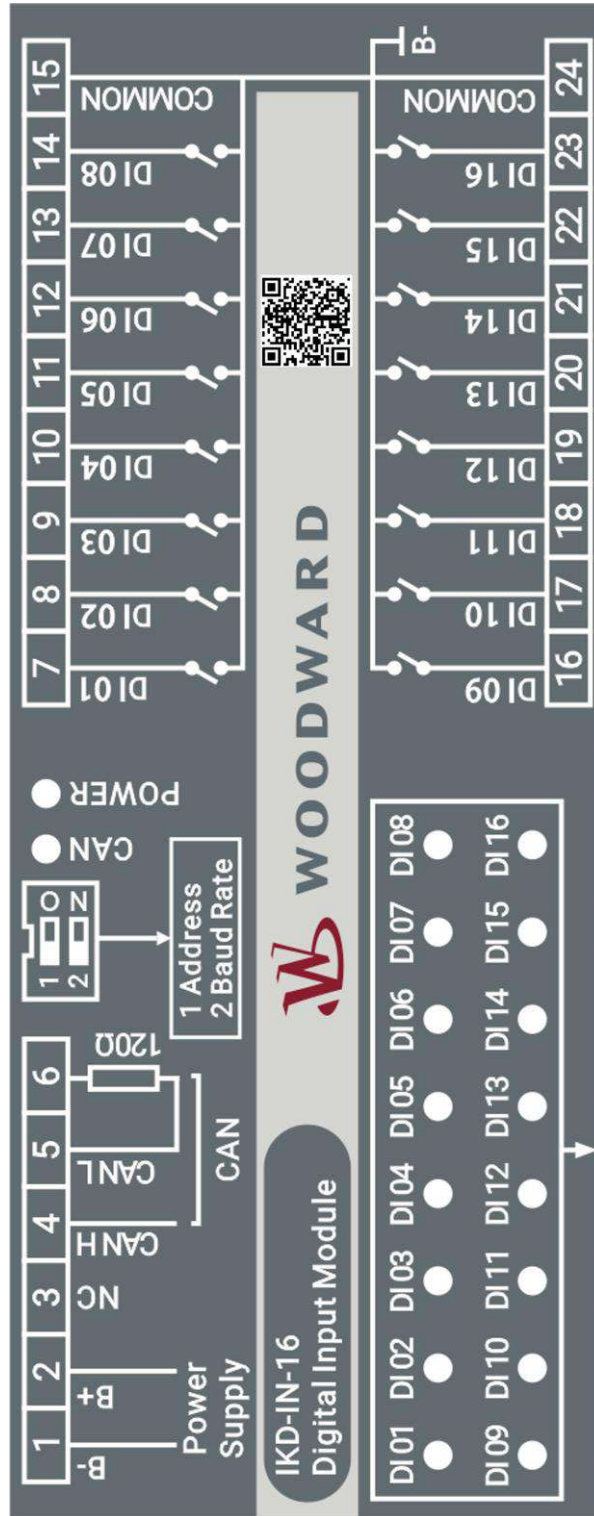
Part Numbers:

- 8440-2304: IKD-IN-16
- 8440-2305: IKD-OUT-16

More Information:

- IKD-IN-16
 - Manual: #37953
 - Product Spec: #37955
 - Product documentation URL: <http://wwdmanuals.com/ikd-in-16>
- IKD-OUT-16
 - Manual: #37952
 - Product Spec: #37954
 - Product documentation URL: <http://wwdmanuals.com/ikd-out-16>

Wiring diagram (IKD-IN-16)



Wiring diagram (IKD-OUT-16)

