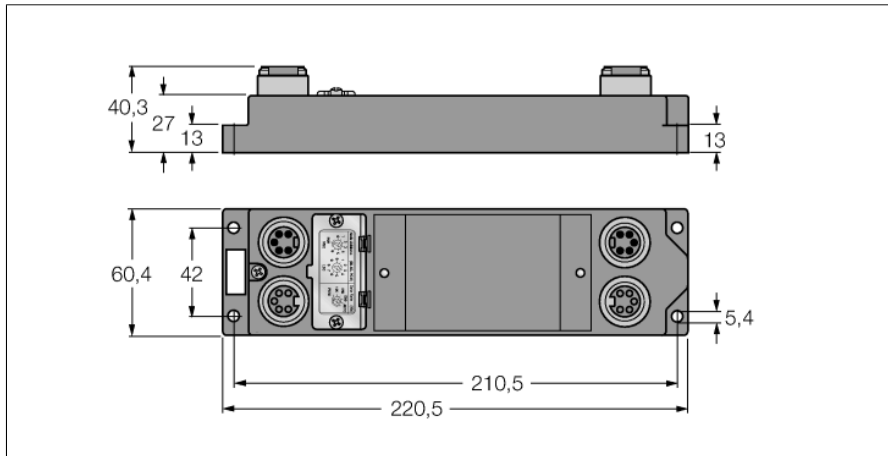


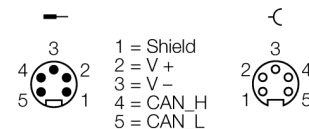
**Модуль ввода/вывода I/O Module для DeviceNet**  
**Модуль объединения сетей DeviceNet**  
**FDN-DN1**



- Robust spanner module for DeviceNet
- Transfer up to 128 bytes of data between 2 PLCs
- Optical isolation between network segments
- Rotary address switches
- корпус из пластика армированный стекловолокном
- прошел испытания на ударпрочность и виброустойчивость
- встроенная модульная электроника
- металлический разъем
- степень защиты IP67

Тип	FDN-DN1
Идент. №	6603596
<b>Рабочее напряжение</b>	11...30 В DC
Рабочий ток	< 125 мА сегмент А, < 30 мА сегмент В МА
<b>Скорость передачи данных полевой шины</b>	125 / 250 / 500 кбит/с
Адресация полевой шины	0..0,63 (decimal) благодаря трем кодированным поворотным переключателям
Электрическая изоляция	Segment A optically isolated from Segment B
<b>Размеры (Ш x Д x В)</b>	60 x 220.5 x 27мм
материал корпуса	со стекловолокном, Полиамид (PA6-GF30)
Монтаж	4 монтажных отверстия Ø 5.4 мм
Рабочая температура	-40...+70 °C
Класс защиты	IP67

**Полевая шина**

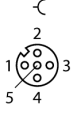


**Принцип действия**

The FDN-DN1 "Spanner" module provides a means to route data between two PLC's using DeviceNet. The spanner eliminates the need for a high level control network pyramid, by connecting the DeviceNet networks directly. This simple approach is extremely powerful and economical. It is simple because the spanner appears to each PLC as a standard rack of I/O; any DeviceNet scanner can send I/O data to the spanner without additional software or complex configuration procedures. It is powerful because it can transfer up to 128 bytes of data in one message. It is economical because it replaces the high level control network, eliminating two control cards, wiring, conduit and programming.

The spanner transfers data between PLC A and PLC B by appearing as I/O to each PLC. It immediately copies the output data from PLC A to the input data for PLC B. Similarly, PLC B's output data is copied to PLC A's input data. The size of data transferred is set by the transfer size switch, 4, 16, 32 or 128 bytes. The size of the data transferred is the same in both directions. If the transfer size switch is set to software, then the transfer size is set by the software and it can be any size (0,1,2,3... 128 bytes). When in software mode, the data size mapped to the PLC must be equal on other side of spanner. For example, if side A produces 2 input bytes and consumes 12 output bytes, then side B must be set to produce 12 input bytes and consume 2 output bytes.

**Модуль ввода/вывода I/O Module для DeviceNet**  
**Модуль объединения сетей DeviceNet**  
**FDN-DN1**

<p>F061 F098 F065 F060</p>		 <p>1 = Shield 2 = RD (V +) 3 = BK (V -) 4 = WH (CAN H) 5 = BU (CAN L)</p> <p>1 = Shield 2 = RD (V +) 3 = BK (V -) 4 = WH (CAN H) 5 = BU (CAN L)</p> <p>1 = Shield 2 = RD (V +) 3 = BK (V -) 4 = WH (CAN H) 5 = BU (CAN L)</p> <p>1 = Shield 2 = RD (V +) 3 = BK (V -) 4 = WH (CAN H) 5 = BU (CAN L)</p>
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