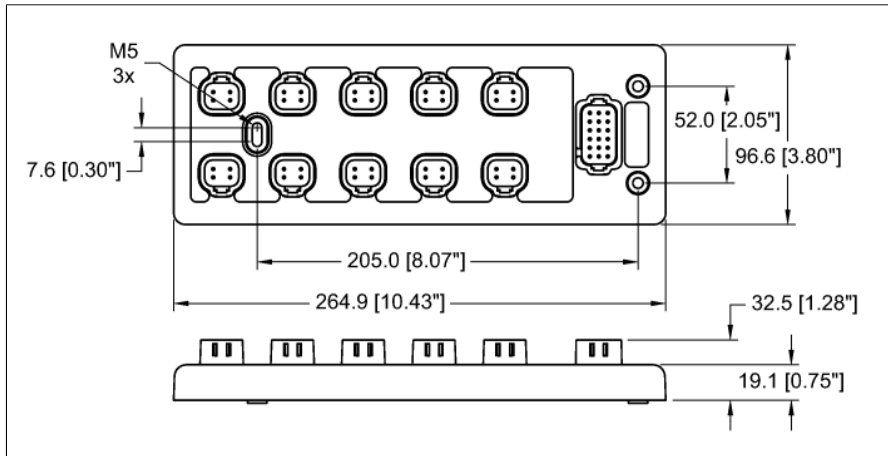


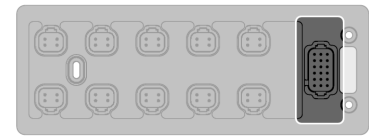
16 Digital PNP Outputs TBCJ-D1-16DOP



Type designation	TBCJ-D1-16DOP
Ident-No.	6884503
Supply voltage	8-32VDC
Admissible range	8-32VDC
Fieldbus connection technology	2 x DT06-4S
Number of channels	16
Output type	PNP
Output voltage	8-32VDC
Output current per channel	(14) 4A, (2) 10A
Vibration test	Vibration to JDQ 53.3 6.1.1 & 6.1.2, level 4
Shock test	acc. to EN 60068-2-27
Dimensions (W x L x H)	96.6 x 264.8 x 32.5mm
Operating temperature	-40...+85 °C
Storage temperature	-45...+85 °C
Protection class	IP67
Housing color	Black
Mounting	Screw connection

- Molded plastic housing
- Shock and vibration tested
- Fully potted module electronics
- Protection class IP67
- J1939 Interface
- This block only has 16 separate outputs. All 16 outputs can be switched on at the same time, two outputs at 10 A and the others at 4 A. This module can deliver up to 52 A output power.
- 2 non-isolated J1939 ports (250 kb and 500 kb)
- Node ID: 0-15
- Configurable outputs: Ports 1–8 — digital high side
- Output diagnostics: Short-circuit and overcurrent
- The TBCJ family is a family of distribution blocks with ports for Deutsch connectors. Designed for the mobile equipment industry (using J1939 for communication), the TBCJ family includes input, output and combination blocks. Each I/O point on the block has short circuit and overcurrent protection as well LED indicators to assist in troubleshooting.

16 Digital PNP Outputs TBCJ-D1-16DOP

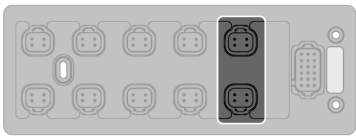
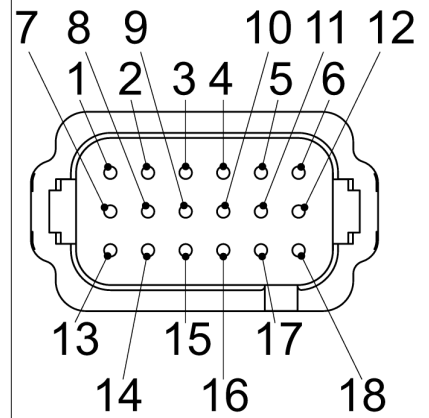


Accessories

Operating Voltage and CAN bus: 18 pole DT16-18SA Socket

Pin 1= Baud 1-A
Pin 2= Config 1-A
Pin 3=Config 2-A
Pin 4= Config 3-A
Pin 5= Config 4-A
Pin 6= Power 4
Pin 7= Baud 1-B
Pin 8= Config 1-B
Pin 9= Config 2-B
Pin 10= Config 3-B
Pin 11= Config 4-B
Pin 12= Ground B
Pin 13=Power 1
Pin 14= Power 2
Pin 15= Power 3
Pin 16= Ground B
Pin 17= Ground B
Pin 18= Ground B

Pinout

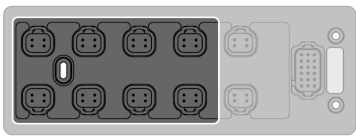
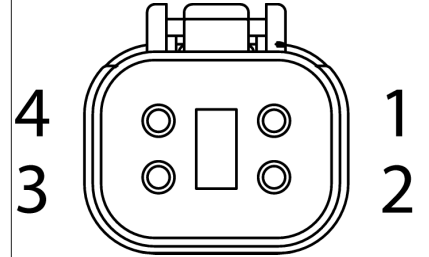


Accessories

CAN in/out: 2 x DT06-4S

CAN Port 1 & 2
Pin 1= 8-32 VDC
Pin 2= CAN High
Pin 3= Ground A
Pin 4= CAN Low

Pinout



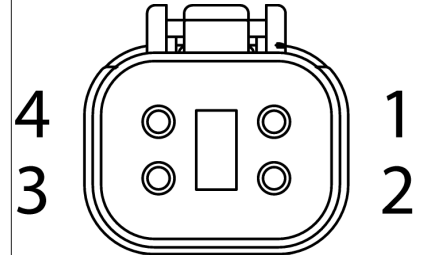
Accessories

Outputs: 8 x DT06-4S

OUTPUT Ports 1 to 8

Pin 1= Ground B
Pin 2= Output B
Pin 3= Ground B
Pin 4= Output A

Pinout



16 Digital PNP Outputs

TBCJ-D1-16DOP

Module LED Status

Operating States (LEDs)		Color	Status
PWR		Blue	Module and Ports power are connected
COM & STAT		Green	Module and Communication status
FLT		Red	Fault Status
OUT		Yellow	Left LED-Output A Right LED – Output B