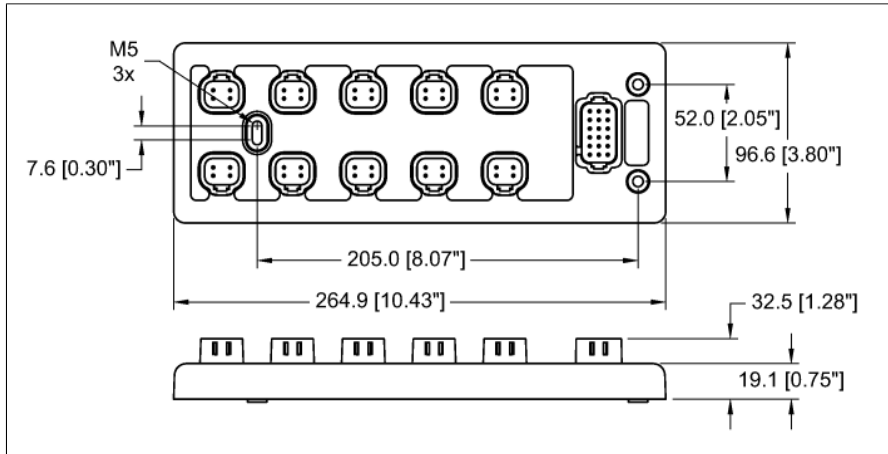


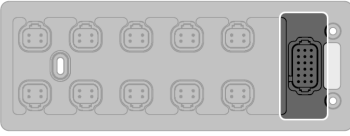
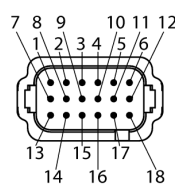
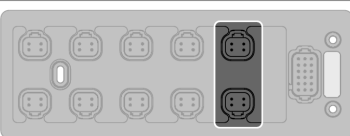
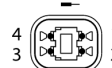
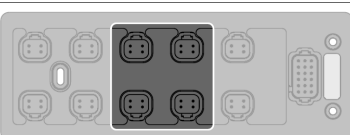
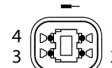

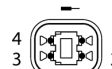
4 Digital PNP Inputs, 4 Digital or Analog Inputs (Configurable), and 8 Digital PNP outputs with PWM

TBCJ-D1-4DI-4DIAI-8DOPPWM



- This block module combines all of our I/O configurations in a single device. It has eight inputs that can be operated separately — up to four of which can be operated as analog inputs. Two of the digital inputs can be configured as frequency/counter. This block module also has eight freely configurable outputs. This module can deliver up to 26 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
- PWM frequency: 100...1200 Hz
- Output diagnostics: Short-circuit and over-current

ID	6884502
Supply voltage	8...32 VDC
Admissible range	8...32 VDC
Number of channels	16
Low-level signal voltage	< 0.3 V
High level signal voltage	>0.8 V
Operating modes	Digital, analog
Resolution	12 Bit
Load resistance	3300 K Ω
Measuring range	0 to 10 V, 0 to 5 V, 0 to 32 V
Measurement error total (FSR)	$\leq 1\%$ full scale
Load resistance	162 Ω
Measuring range	4...20 mA
Measurement error total (FSR)	$\leq 1\%$ full scale
Output voltage	8...32 VDC
Output current per channel	4A
Vibration test	Vibration acc. to JDQ 53.3 6.1.1 and 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 32.5 mm
Ambient temperature	-40...+85 $^{\circ}$ C
Storage temperature	-45...+85 $^{\circ}$ C
Protection class	IP67
Housing color	Black
Mounting	Screw connection

	<p>Operating Voltage and CAN bus: 18 pole DT16-18SA Socket</p> <ol style="list-style-type: none"> 1. Baud 1-A 2. Config 1-A 3. Config 2-A 4. Config 3-A 5. Config 4-A 6. N/C 7. Baud1-B 8. Config 1-B 9. Config 2-B 10. Config 3-B 11. Config 4-B 12. Ground B 13. Power 1 14. Power 2 15. N/C 16. Ground B 17. Ground B 18. Ground B 	<p>Pinout</p>  <ul style="list-style-type: none"> 1 = BAUD 1-A 2 = CONFIG 1-A 3 = CONFIG 2-A 4 = CONFIG 3-A 5 = CONFIG 4-A 6 = N/C 7 = BAUD 1-B 8 = CONFIG 1-B 9 = CONFIG 2-B 10 = CONFIG 3-B 11 = CONFIG 4-B 12 = GROUND B 13 = POWER 1 14 = POWER 2 15 = N/C 16 = GROUND B 17 = GROUND B 18 = GROUND B
	<p>CAN in/out: 2 x DT06-4S</p> <p>CAN Port 1 & 2</p> <p>Pin 1 = 8-32VDC Pin 2 = CAN High Pin 3 = Ground A Pin 4 = CAN Low</p>	<p>Pinout</p>  <ul style="list-style-type: none"> 1 = 8-32 VDC 2 = CAN HIGH 3 = GROUND A 4 = CAN LOW
	<p>Outputs: 4 x DT06-4S</p> <p>OUTPUT Ports 1 to 4</p> <p>Pin 1= Ground B Pin 2= Output B Pin 3= Ground B Pin 4= Output A</p>	<p>Pinout</p>  <ul style="list-style-type: none"> 1 = GROUND B 2 = OUTPUT B 3 = GROUND B 4 = OUTPUT A
	<p>Inputs: 4 x DT06-4S</p> <p>INPUT Ports 5 to 8</p> <p>Pin 1= 8-32VDC Pin 2= Input B Pin 3= Ground A Pin 4= Input A</p>	<p>Pinout</p>  <ul style="list-style-type: none"> 1 = 8-32 VDC 2 = INPUT B 3 = GROUND A 4 = INPUT A

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