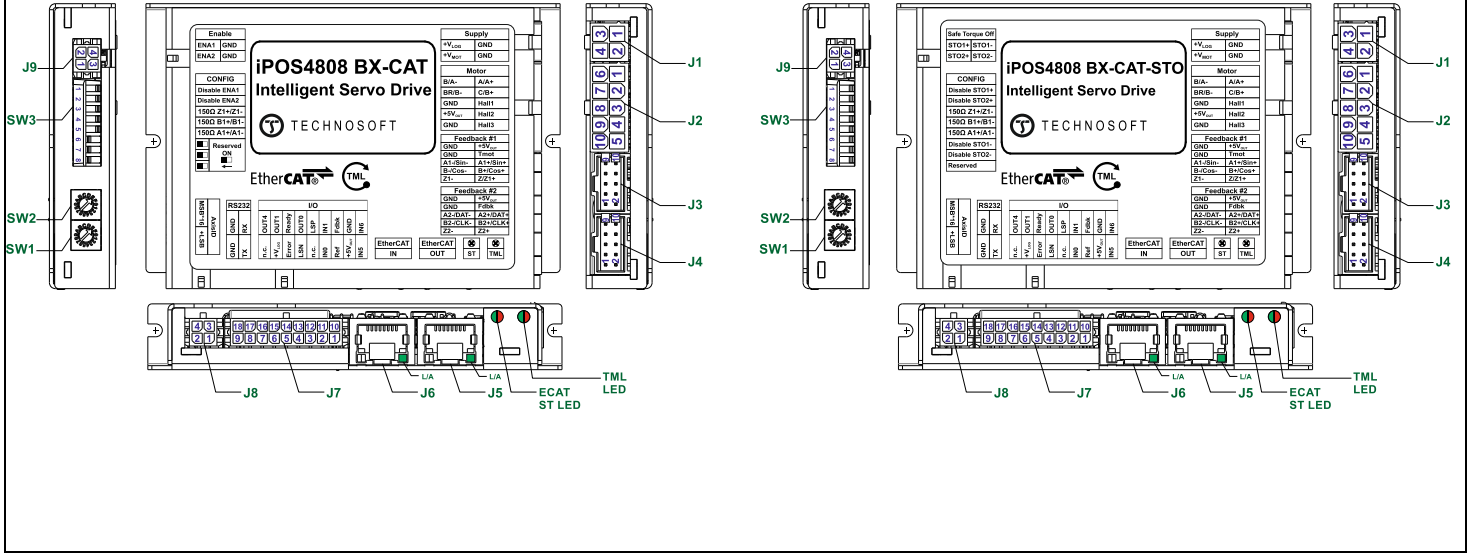


iPOS4808 BX-CAT and iPOS4808 BX-CAT-STO connectors and pinout



Compatible products		
Part No.	Name	Description
P027.214.E221	iPOS4808 BX-CAT	Standard execution, closed frame
P027.214.E221.C01		Standard execution, DIN mount, closed frame
P027.314.E221	iPOS4808 BX-CAT-STO	Standard execution, closed frame
P027.314.E221.C01		Standard execution, DIN mount, closed frame

Accessories		
Part No.	Name	Description
P028.040.C232	CA RS232 cable	Molex 2x2 M-Fit to DB9 cable
P038.001.E136	RS232 - USB adapter	Standard USB to RS232 adapter with FTDI chipset

Ordering information			
Part No.	Description	Package components	Connectors
P027.040.C219	CCS iPOS4808 BTD2 (Complete cable set, 100 cm with differential encoder cable)	1 x Supply cable	J1
		1 x Motor & Hall cable	J2
		1 x Differential Encoder cable or Linear Hall cable	J3/J4
		1 x I/O cable	J7
		2 x RS232 cable / STO or Enable Cable	J8 / J9
P027.040.C218	CCS iPOS4808 BTE2 (Complete cable set, 100 cm with single-ended encoder cable)	1 x Supply cable	J1
		1 x Motor & Hall cable	J2
		1 x Single-ended Encoder cable	J3
		1 x I/O cable	J7
		2 x RS232 cable / STO or Enable Cable	J8 / J9

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J1 - Power Supply cable															
	<p>Connector's view from crimp pins entry side</p>	<p>Connector's lateral view</p>	<p>1 - white 2 - brown 3 - green 4 - yellow</p> <p>AWG 20</p>												
J2 - Motor and Hall Inputs cables															
	<p>Connector's view from crimp pins entry side</p>	<p>Connector's lateral view</p>	<p>Motor cable</p> <p>1 - white 2 - brown 6 - green 7 - yellow</p> <p>8 - black Shield connected to housing pin 8</p> <p>AWG 18</p> <p>Hall Inputs cable</p> <p>3 - white 4 - brown 5 - green 9 - yellow 10 - gray</p> <p>AWG 24</p>												
J3 / J4 - Differential Encoder cable or Linear Hall cable															
	<p>Connector's view from crimp pins entry side</p>	<p>Connector's lateral view</p>	<table border="1"> <thead> <tr> <th colspan="2">Twisted Pairs</th> </tr> </thead> <tbody> <tr> <td>1 - 2</td> <td></td> </tr> <tr> <td>3 - 4</td> <td></td> </tr> <tr> <td>5 - 6</td> <td></td> </tr> <tr> <td>7 - 8</td> <td></td> </tr> <tr> <td>9 - 10</td> <td></td> </tr> </tbody> </table> <p>1 - white 2 - brown 3 - green 4 - yellow 5 - gray 6 - pink 7 - blue 8 - red 9 - black 10 - violet</p> <p>AWG 24</p>	Twisted Pairs		1 - 2		3 - 4		5 - 6		7 - 8		9 - 10	
Twisted Pairs															
1 - 2															
3 - 4															
5 - 6															
7 - 8															
9 - 10															
J3 - Single-Ended Encoder cable															
	<p>Connector's view from crimp pins entry side</p>	<p>Connector's lateral view</p>	<p>Version 1</p> <p>2 - brown 4 - yellow 6 - pink 9 - black 10 - violet</p> <p>7 - blue: connected to shield</p> <p>AWG 24</p> <p>Version 2</p> <p>2 - brown 4 - yellow 6 - white 9 - green 10 - grey</p> <p>7 - black: connected to shield</p> <p>AWG 24</p>												
J7 - I/O cable															
	<p>Connector's view from crimp pins entry side</p>	<p>Connector's lateral view</p> <p>Pin #1</p>	<p>1 - white 2 - brown 3 - green 4 - yellow 5 - gray 6 - rose 7 - blue 8 - red 9 - black 10 - purple 11 - rose/grey 12 - blue/red 13 - white/green 14 - green/brown 15 - white/yellow 16 - yellow/brown 17 - white/grey 18 - grey/brown</p> <p>AWG 24</p>												
J8 / J9 - RS232 cable / STO or Enable cable															
	<p>Connector's view from crimp pins entry side</p>	<p>Connector's lateral view</p>	<p>1 - white 2 - brown 3 - green 4 - yellow</p> <p>AWG 24</p>												
<p>Cables description</p> <ul style="list-style-type: none"> - Cables length 1000 mm; - Stripted wires 5 mm; - One end with flying leads (20mm). 															

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