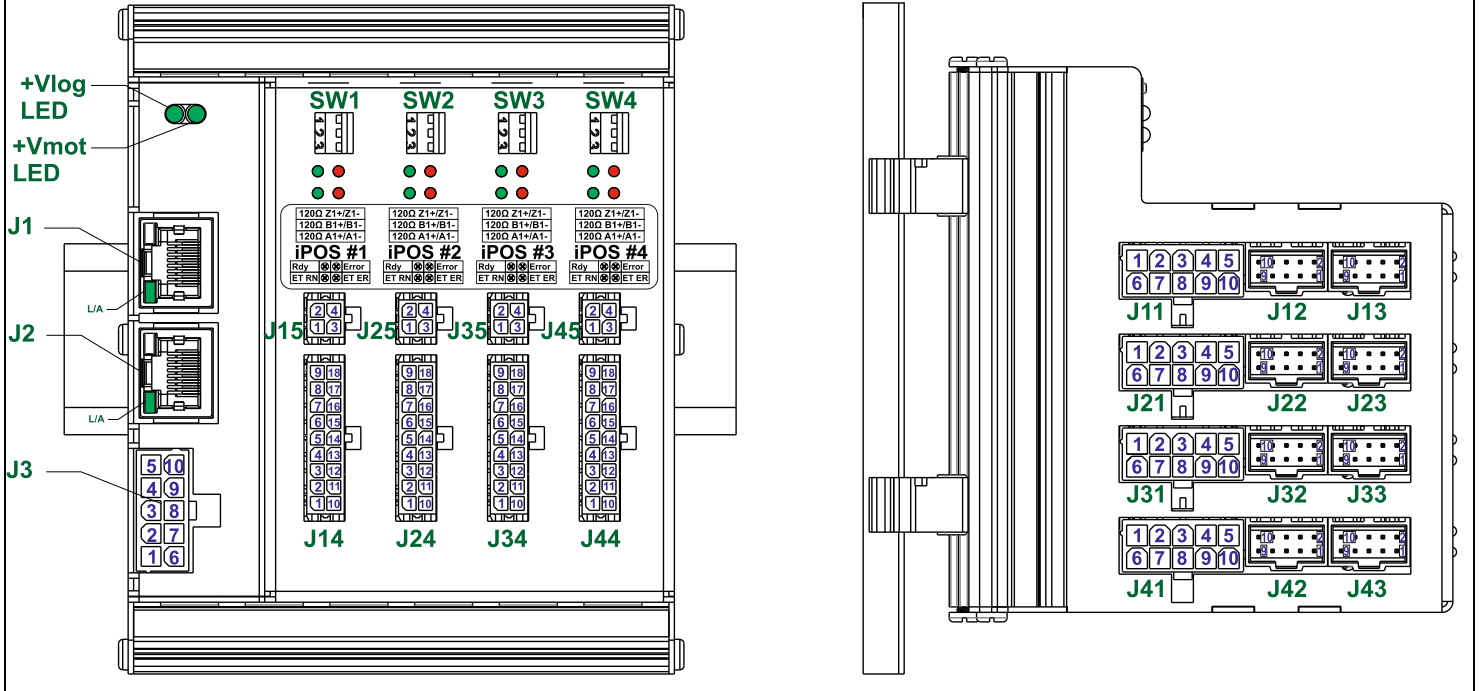


iPOS4808 SY-CAT connectors and pinout



Compatible products		
Part No.	Name	Description
P027.051.E424	iPOS4808 SY-CAT	4 axis EtherCAT system

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

Ordering information			
Part No.	Description	Package components	Connectors
P027.040.C319	CCS iPOS4808 SYD (Complete cable set, 100 cm with differential encoder cable)	1 x Supply cable	J3
		4 x Motor & Hall cable	J11, J21, J31, J41
		4 x Differential Encoder cable or Linear Hall cable	J12, J22, J32, J42/ J13, J23, J33, J43
		4 x I/O cable	J14, J24, J34, J44
		1 x RS232 cable	J15, J25, J35, J45
P027.040.318	CCS iPOS4808 SYE (Complete cable set, 100 cm with single-ended encoder cable)	1 x Supply cable	J3
		4 x Motor & Hall cable	J11, J21, J31, J41
		4 x Single-ended Encoder cable	J12, J22, J32, J42
		4 x I/O cable	J14, J24, J34, J44
		1 x RS232 cable	J15, J25, J35, J45

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J3 - Power Supply cable										
	Connector's view from crimp pins entry side 	Connector's lateral view 	<ul style="list-style-type: none"> 1 - white 2 - brown 3 - green 4 - yellow 5 - grey 6 - pink 7 - blue 8 - red 9 - black 10 - purple <p>AWG 18</p>							
J11, J21, J31, J41 - Motor and Hall Inputs cables										
	Connector's view from crimp pins entry side 	Connector's lateral view 	Motor cable <ul style="list-style-type: none"> 1 - white 2 - brown 6 - green 7 - yellow 8 - black <p>Shield connected to housing pin 8</p> <p>AWG 18</p>							
			Hall Inputs cable <ul style="list-style-type: none"> 3 - white 4 - brown 5 - green 9 - yellow 10 - gray <p>AWG 24</p>							
J12, J22, J32, J42 / J13, J23, J33, J43 - Differential Encoder cable or Linear Hall cable										
	Connector's view from crimp pins entry side 	Connector's lateral view 	<table border="1"> <thead> <tr> <th colspan="2">Twisted Pairs</th> </tr> </thead> <tbody> <tr><td>1 - 2</td></tr> <tr><td>3 - 4</td></tr> <tr><td>5 - 6</td></tr> <tr><td>7 - 8</td></tr> <tr><td>9 - 10</td></tr> </tbody> </table> <ul style="list-style-type: none"> 1 - white 2 - brown 3 - green 4 - yellow 5 - gray 6 - pink 7 - blue 8 - red 9 - black 10 - violet <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										
J12, J22, J32, J42 - Single-Ended Encoder cable										
	Connector's view from crimp pins entry side 	Connector's lateral view 	<ul style="list-style-type: none"> 2 - brown 4 - yellow 6 - pink 9 - black 10 - violet 7 - blue: connected to shield <p>AWG 24</p>							
J14, J24, J34, J44 - I/O cable										
	Connector's view from crimp pins entry side 	Connector's lateral view 	<ul style="list-style-type: none"> 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>AWG 24</p>							
J15, J25, J35, J45 - RS232 cable										
	Connector's view from crimp pins entry side 	Connector's lateral view 	<ul style="list-style-type: none"> 1 - white 2 - brown 3 - green 4 - yellow <p>AWG 24</p>							
Cables description - Cables length 1000 mm; - Stripted wires 5 mm; - One end with flying leads (20mm).										

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