

Remote Access Chassis Corner		Left Rail						
Name	Color	Rail	Module	Number	Channel	Type	Adapter	Pin
Power								
24V	violet	L	EK1101	0	24V	P	TBLOCK	
0V	gray	L	EK1101	0	0V	P	TBLOCK	
24V	violet	L	EK1101	0	+	P	TBLOCK	
0V	gray	L	EK1101	0	-	P	TBLOCK	
24V	violet	L	EL9400	11	24V	P	TBLOCK	
0V	gray	L	EL9400	11	0V	P	TBLOCK	
24V	violet	L	EL9400	11	+	P	TBLOCK	
0V	gray	L	EL9400	11	-	P	TBLOCK	
24V	violet	L	EL6692	22	24V	P	TBLOCK	
0V	gray	L	EL6692	22	0V	P	TBLOCK	
Communication								
EtherCAT in	CAT5	L	EK1101	0	X1	Comm.	Front	In
EtherCAT out	CAT5	L	EK1101	0	X2	Comm.	Front	Out
Safety								
Safety sensor 1 +	brown	L	EL1904	3	+I1	BI	8	1
Safety sensor 1 -	black	L	EL1904	3	-I1	BI	8	20
Safety sensor 2 +	brown	L	EL1904	3	+I2	BI	8	2
Safety sensor 2 -	black	L	EL1904	3	-I2	BI	8	21
Safety sensor 3 +	brown	L	EL1904	3	+I3	BI	8	3
Safety sensor 3 -	black	L	EL1904	3	-I3	BI	8	22
Safety sensor 4 +	brown	L	EL1904	3	+I4	BI	8	4
Safety sensor 4 -	black	L	EL1904	3	-I4	BI	8	23
Safety relay 1 +	orange	L	EL2904	4	+O1	BO	8	5
Safety relay 1 -	black	L	EL2904	4	-O1	BO	8	24
Safety relay 2 +	orange	L	EL2904	4	+O2	BO	8	6
Safety relay 2 -	black	L	EL2904	4	-O2	BO	8	25
Safety relay 3 +	orange	L	EL2904	4	+O3	BO	8	7
Safety relay 3 -	black	L	EL2904	4	-O3	BO	8	26
Safety relay 4 +	orange	L	EL2904	4	+O4	BO	8	8
Safety relay 4 -	black	L	EL2904	4	-O4	BO	8	27
Temperature								
Temperature Supply 1 +	red	L	EL3202	6	+R1	AI	6	1-2
Temperature Supply 1 -	black	L	EL3102	6	-R1	AI	6	1-4
Temperature Readback 1 +	green	L	EL3102	6	+R1	AI	6	1-1
Temperature Readback 1 -	white	L	EL3102	6	-R1	AI	6	1-3
Temperature Supply 2 +	red	L	EL3202	6	+R2	AI	6	2-2
Temperature Supply 2 -	black	L	EL3102	6	-R2	AI	6	2-4
Temperature Readback 2 +	green	L	EL3102	6	+R2	AI	6	2-1
Temperature Readback 2 -	white	L	EL3102	6	-R2	AI	6	2-3
Communication								
SM fiber EX	SM fiber	L	EK1521	7	X1	Comm.	9	EX
SM fiber EY	SM fiber	L	EK1521	9	X1	Comm.	9	EY
MM fiber corner	MM fiber	L	EK1521	12	X1	Comm.	9	Vertex
PTP	CAT5	L	EL6688	14	X1	Comm.	9	PTP
Serial								
H0 weather	D-sub	L	EL6002	16	X1	Serial	7	1
H0 atomic clock	D-sub	L	EL6002	16	X2	Serial	7	2
H0 GPS 1	D-sub	L	EL6002	18	X1	Serial	7	3
H0 GPS 2	D-sub	L	EL6002	18	X2	Serial	7	4
Spare RS422	D-sub	L	EL6022	20	X1	Serial	7	7
H0 timing master	D-sub	L	EL6022	20	X2	Serial	7	8
Communication (H1 only)								
H2 input	CAT5	L	EL6692	22	X1	Comm.	Rear port	1
H2 output	CAT5	L	EL6692	22	X2	Comm.	Rear port	2

Temperature terminals are coded red and blue for the supply lines and yellow for the readback lines.

Remote Access Chassis Corner				Middle Rail				
Name	Color	Rail	Module	Number	Channel	Type	Adapter	Pin

empty

Remote Access Chassis Corner				Right Rail				
Name	Color	Rail	Module	Number	Channel	Type	Adapter	Pin

empty

Remote Access Chassis End				Left Rail				
Name	Color	Rail	Module	Number	Channel	Type	Adapter	Pin
Power								
24V	violet	L	EK1101	0	24V	P	TBLOCK	
0V	gray	L	EK1101	0	0V	P	TBLOCK	
24V	violet	L	EK1101	0	+	P	TBLOCK	
0V	gray	L	EK1101	0	-	P	TBLOCK	
X-Gateway Modbus/EtherCAT 1								
Input	CAT5	L	AB9000	GW_1	X1.1	Comm.	IN	
Output	CAT5	L	AB9000	GW_2	X1.2	Comm.	L/0	X1
Modbus 1	CAT5	L	AB9000	GW_2	X2.1	Comm.	7	1
Modbus 2	CAT5	L	AB9000	GW_2	X2.2	Comm.	7	2
Communication								
EtherCAT out	CAT5	L	EK1101	0	X2	Comm.	R/4	X1
Temperature								
Temperature Supply 1 +	red	L	EL3202	2	+R1	AI	6	1-2
Temperature Supply 1 -	black	L	EL3102	2	-R1	AI	6	1-4
Temperature Readback 1 +	green	L	EL3102	2	+R1	AI	6	1-1
Temperature Readback 1 -	white	L	EL3102	2	-R1	AI	6	1-3
Temperature Supply 2 +	red	L	EL3202	2	+R2	AI	6	2-2
Temperature Supply 2 -	black	L	EL3102	2	-R2	AI	6	2-4
Temperature Readback 2 +	green	L	EL3102	2	+R2	AI	6	2-1
Temperature Readback 2 -	white	L	EL3102	2	-R2	AI	6	2-3
Communication								
MM fiber end	MM fiber	L	EK1521	4	X1	Comm.	Rear port	1

Temperature terminals are coded red and blue for the supply lines and yellow for the readback lines.

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empty

Remote Access Chassis End				Right Rail				
Name	Color	Rail	Module	Number	Channel	Type	Adapter	Pin
Power								
24V	violet	R	EK1501	0	24V	P	TBLOCK	
0V	gray	R	EK1501	0	0V	P	TBLOCK	
24V	violet	R	EK1501	0	+	P	TBLOCK	
0V	gray	R	EK1501	0	-	P	TBLOCK	
24V	violet	R	EL6692	4	24V	P	TBLOCK	
0V	gray	R	EL6692	4	0V	P	TBLOCK	
Communication								
Corner EtherCAT in	SM fiber	R	EK1501	0	X1	Comm.	1	Vertex
Corner EtherCAT out 1	SM fiber	R	EK1501	0	X2	Comm.	1	Ext.
Corner EtherCAT out 2	CAT5	R	EK1110	10	X1	Comm.	1	Ext.
End EtherCAT out	CAT5	R	EL6692	4	X2	Comm.	OUT	
Safety								
Safety sensor 1 +	brown	R	EL1904	1	+I1	BI	2	1
Safety sensor 1 -	black	R	EL1904	1	-I1	BI	2	20
Safety sensor 2 +	brown	R	EL1904	1	+I2	BI	2	2
Safety sensor 2 -	black	R	EL1904	1	-I2	BI	2	21
Safety sensor 3 +	brown	R	EL1904	1	+I3	BI	2	3
Safety sensor 3 -	black	R	EL1904	1	-I3	BI	2	22
Safety sensor 4 +	brown	R	EL1904	1	+I4	BI	2	4
Safety sensor 4 -	black	R	EL1904	1	-I4	BI	2	23
Safety relay 1 +	orange	R	EL2904	2	+O1	BO	2	5
Safety relay 1 -	black	R	EL2904	2	-O1	BO	2	24
Safety relay 2 +	orange	R	EL2904	2	+O2	BO	2	6
Safety relay 2 -	black	R	EL2904	2	-O2	BO	2	25
Safety relay 3 +	orange	R	EL2904	2	+O3	BO	2	7
Safety relay 3 -	black	R	EL2904	2	-O3	BO	2	26
Safety relay 4 +	orange	R	EL2904	2	+O4	BO	2	8
Safety relay 4 -	black	R	EL2904	2	-O4	BO	2	27
Serial								
H0 weather	D-sub	L	EL6002	6	X1	Serial	7	1
H0 GPS 1	D-sub	L	EL6002	6	X2	Serial	7	2
Spare RS422	D-sub	L	EL6022	8	X1	Serial	7	7
H0 timing master	D-sub	L	EL6022	8	X2	Serial	7	8