

| 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 |
| H0 timing master | D-sub | L | EL6022 | 20 | X1 | Serial | 7 | 7 |
| Spare RS422 | 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 | |
| Communication | | | | | | | | |
| EtherCAT in | CAT5 | L | EK1101 | 0 | X1 | Comm. | Front | In |
| EtherCAT out | CAT5 | L | EK1101 | 0 | X2 | Comm. | Right | 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.

| Remote Access Chassis End | | | Middle Rail | | | | | |
|---------------------------|-------|------|-------------|--------|---------|------|---------|-----|
| Name | Color | Rail | Module | Number | Channel | Type | Adapter | Pin |

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 in | CAT5 | R | EL6692 | 4 | X2 | Comm. | Left | 0-X2 |
| End EtherCAT out | CAT5 | R | EL6692 | 4 | X2 | Comm. | Front | 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 |
| H0 timing master | D-sub | L | EL6022 | 8 | X1 | Serial | 7 | 7 |
| Spare RS422 | D-sub | L | EL6022 | 8 | X2 | Serial | 7 | 8 |