

## U10 QUESTIONNAIRE 1/2 [sales.usa@vahle.com](mailto:sales.usa@vahle.com), Phone: +1 713.465.9796, Fax: +1 713.465.1851

Please fill out the following questionnaire in order to determine which conductor bar system is right for your application. Copy / print this page, fill out the questionnaire, and send it to your VAHLE experts. Please attach sketches to enable us to prepare a quotation.

### Company Information

Company Name

Address

State  ZIP

### Technical Planning Contact Person

Contact Person

Email Address

Phone Number

### Project Timeline (MM/DD/YY or MM/YY)

Quote Deadline  Delivery Deadline

Installation Start   Weekdays

Installation Finish   Weekends, Holidays

### Purchasing Contact Person

Contact Person

Email Address

Phone Number

### System Information

New Application  Replacement  Add on existing system

Application Type (i.e. EMS, Floor Track System, Skillet System)

Total System Length  m  ft

Installation Height from Facility Floor or Support  m  ft

### Power Requirements

Volt  Hz

Type of Current  3-phase  AC  DC

Number of Phase Conductors  No. of Conductors for Data Communication / Signals

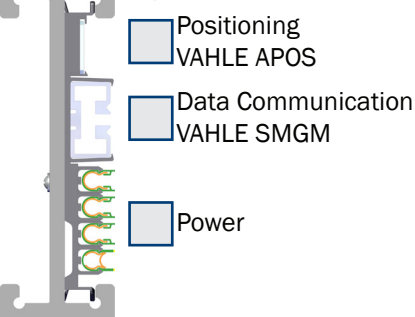
Ground Conductor  PE-Standard  PE-VP (copper only)

Conductor Material  Copper U10/25C  Stainless Steel U10/25E

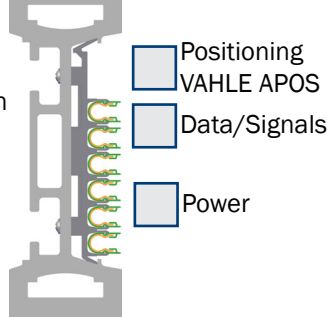
### Conductor Sequence. Example: 12-pole hanger, 6-pole used.

Pole	Required Sequence (top to bottom)	Example
1		open
2		open
3		L1
4		L2
5		L3
6		PE-VPN
7		S1
8		S2
9		open
10		open
11		open
12		open

### System Examples



### for EMS



### EMS Track:

180x60  240/80  Other:

Carrier Track Supplier or Manufacturer / Track Designation

### Conductors Orientation:

Facing sideways

Facing downwards

### In direction of travel:

Right side

Left side

### Travel Mode:

One Direction Only  Bi-directional  more details, %

Max. Travel Speed straight  m/min  ft/min

Max. Travel Speed curves  m/min  ft/min

Acceleration  m/s<sup>2</sup>  ft/s<sup>2</sup>

Acceleration time, s

Please send us the form after it is filled out to receive a free quote.

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### Environment Requirements (indoor only)

Indoor   
  Cold Storage   
  Freezer  
 (up to -30°C / -22°F)

Ambient Temperature  min.  max.  °C  °F

Temperature while Installation ~  °C  °F

Relative Humidity %  at Temp.:  °C  °F

Oxygen %  at Oxygen reduced atmosphere

Additional Notes about the Environment

### Characteristics of Construction

**Expansion gaps:** expansion distance    gap dimensions

**Track expansion gaps**    mm  inch

**Building expansion gaps**    mm  inch

Line feed cables main current (i.e. 4G6 or 4x6)  X  sq.mm.

Switches / Transfers cables main current (i.e. 4G4 or 4x4)  X  sq.mm.

Feeds and Transfers cables control current (i.e. 4G2.5 or 4x2.5)  X  sq.mm.

Specific Building Features

### If using Positioning System and/or Data Transfer:

#### Positioning system type:

- VAHLE APOS Optic  
 VAHLE APOS Magnetic  
 Leuze Barcode (support only)

comments

#### Communication system type:

- Utilizing protected profile**  
 VAHLE SMGM
- Utilizing conductor system**  
 VAHLE POWERNET  
 Semo-Wave only with VAHLE vDRIVE  
 CAN-BUS only with VAHLE vDRIVE

### Scope of Supply

- Deinstallation of old systems  Yes  No
- Installation of new systems  Yes  No
- The entire track length is freely traversible  Yes  No

### Additional Information

Download related catalogs, operation manuals, and more at <https://www.vahle.com/en/download>

