New generation of Wih Coding type guide rails for PCBs or plug-in units. Forms a reliable interface between the subrack mechanics and the sub-assemblies. With the optimized design and the new high quality plastic material not just the stability was significantly increased, but also the fire safety properties improved. Which means the material ensures a low flammability, low smoke toxicity and density and fulfills the EN 45545-2 (Fire Safety in Railway Vehicle) requirements sets R22, R23 and R24 with the

## FEATURES

NEW generation with coding type plastic guide rails for reliable retention of PCBs or plug-in units

Significantly increased stability, due to a optimized design and high quality material (PC)

Improved fire safety properties, fulfills EN 45545-2 requirement sets R22, R23 and R24 with HL3

"Halogen-Free", according to IEC 61249-2-21

Can be clipped into horizontal rails (Al extrusion) or into 1.5 mm thick plates

Can be bolted to the horizontal rails Type H and R for higher shock and vibration requirements

Optional ESD clip for an conductive contact between PCB and horizontal rail available

Storage temperature: from -40 °C ... 130 °C

## SPECIFICATIONS

| Table 1/2 | | | | | | |
|---|---|---|---|---|---|---|
| **Catalog Number** | **Board Depth** | **Package Quantity** | **Product Type** | **Product Family** | **Works With** | **Type** |
| 24568-356 | 160 mm | | Guide Rail | EuropacPRO, RatiopacPRO, RatiopacPRO AIR, CompacPRO, PropacPRO, MultipacPRO, Inpac | Subracks, Cases, 19" Chassis, Systems | With Coding |

| Catalog Number | Board Depth | Package Quantity | ProductType | Product Family | Works With | Type |
|---|---|---|---|---|---|---|
| 24568-357 | 70 mm | | Guide Rail | EuropacPRO, RatiopacPRO, RatiopacPRO AIR, CompacPRO, PropacPRO, MultipacPRO, Inpac | Subracks, Cases, 19" Chassis, Systems | With Coding |
| 24568-358 | 160 mm | | Guide Rail | EuropacPRO, RatiopacPRO, RatiopacPRO AIR, CompacPRO, PropacPRO, MultipacPRO, Inpac | Subracks, Cases, 19" Chassis, Systems | With Coding |
| 24568-360 | 70 mm | | Guide Rail | EuropacPRO, RatiopacPRO, RatiopacPRO AIR, CompacPRO, PropacPRO, MultipacPRO, Inpac | Subracks, Cases, 19" Chassis, Systems | With Coding |
| 64568-085 | 70 mm | 50 | Guide Rail | EuropacPRO, RatiopacPRO, RatiopacPRO AIR, CompacPRO, PropacPRO, MultipacPRO, Inpac | Subracks, Cases, 19" Chassis, Systems | With Coding |
| 64568-086 | 70 mm | 50 | Guide Rail | EuropacPRO, RatiopacPRO, RatiopacPRO AIR, CompacPRO, PropacPRO, MultipacPRO, Inpac | Subracks, Cases, 19" Chassis, Systems | With Coding |
| 64568-089 | 160 mm | 50 | Guide Rail | EuropacPRO, RatiopacPRO, RatiopacPRO AIR, CompacPRO, PropacPRO, MultipacPRO, Inpac | Subracks, Cases, 19" Chassis, Systems | With Coding |

| Catalog Number | Board Depth | Package Quantity | ProductType | Product Family | Works With | Type |
|---|---|---|---|---|---|---|
| 64568-090 | 160 mm | 50 | Guide Rail | EuropacPRO, RatiopacPRO, RatiopacPRO AIR, CompacPRO, PropacPRO, MultipacPRO, Inpac | Subracks, Cases, 19" Chassis, Systems | With Coding |
| 64568-091 | 220 mm | 50 | Guide Rail | EuropacPRO, RatiopacPRO, RatiopacPRO AIR, CompacPRO, PropacPRO, MultipacPRO, Inpac | Subracks, Cases, 19" Chassis, Systems | With Coding |
| 64568-092 | 220 mm | 50 | Guide Rail | EuropacPRO, RatiopacPRO, RatiopacPRO AIR, CompacPRO, PropacPRO, MultipacPRO, Inpac | Subracks, Cases, 19" Chassis, Systems | With Coding |
| 24568-331 | 280 mm | 10 | Guide Rail | EuropacPRO, RatiopacPRO, RatiopacPRO AIR, CompacPRO, PropacPRO, MultipacPRO, Inpac | Subracks, Cases, 19" Chassis, Systems | With Coding |
| 24568-332 | 340 mm | 10 | Guide Rail | EuropacPRO, RatiopacPRO, RatiopacPRO AIR, CompacPRO, PropacPRO, MultipacPRO, Inpac | Subracks, Cases, 19" Chassis, Systems | With Coding |
| 24568-341 | 280 mm | 10 | Guide Rail | EuropacPRO, RatiopacPRO, RatiopacPRO AIR, CompacPRO, PropacPRO, MultipacPRO, Inpac | Subracks, Cases, 19" Chassis, Systems | With Coding |

| Catalog Number | Board Depth | Package Quantity | ProductType | Product Family | Works With | Type |
|---|---|---|---|---|---|---|
| 24568-342 | 340 mm | 10 | Guide Rail | EuropacPRO, RatiopacPRO, RatiopacPRO AIR, CompacPRO, PropacPRO, MultipacPRO, Inpac | Subracks, Cases, 19" Chassis, Systems | With Coding |
| 64568-111 | 220 mm | 50 | Guide Rail | EuropacPRO, RatiopacPRO, RatiopacPRO AIR, CompacPRO, PropacPRO, MultipacPRO, Inpac | Subracks, Cases, 19" Chassis, Systems | With Coding |
| 64568-112 | 220 mm | 50 | Guide Rail | EuropacPRO, RatiopacPRO, RatiopacPRO AIR, CompacPRO, PropacPRO, MultipacPRO, Inpac | Subracks, Cases, 19" Chassis, Systems | With Coding |
| 64568-110 | 160 mm | 50 | Guide Rail | EuropacPRO, RatiopacPRO, RatiopacPRO AIR, CompacPRO, PropacPRO, MultipacPRO, Inpac | Subracks, Cases, 19" Chassis, Systems | With Coding |
| 64568-109 | 160 mm | 50 | Guide Rail | EuropacPRO, RatiopacPRO, RatiopacPRO AIR, CompacPRO, PropacPRO, MultipacPRO, Inpac | Subracks, Cases, 19" Chassis, Systems | With Coding |

| Table 2/2 | | | | |
|---|---|---|---|---|
| **Catalog Number** | **Complies With** | **Color** | **Material** | **Groove Width** |
| 24568-356 | EN 45545-2 | Red | Polycarbonate | 2 |
| 24568-357 | EN 45545-2 | Red | Polycarbonate | 2 |
| 24568-358 | EN 45545-2 | Grey | Polycarbonate | 2 |

| Catalog Number | Complies With | Color | Material | Groove Width |
|---|---|---|---|---|
| 24568-360 | EN 45545-2 | Grey | Polycarbonate | 2 |
| 64568-085 | EN 45545-2 | Red | Polycarbonate | 2 |
| 64568-086 | EN 45545-2 | Grey | Polycarbonate | 2 |
| 64568-089 | EN 45545-2 | Red | Polycarbonate | 2 |
| 64568-090 | EN 45545-2 | Grey | Polycarbonate | 2 |
| 64568-091 | EN 45545-2 | Red | Polycarbonate | 2 |
| 64568-092 | EN 45545-2 | Grey | Polycarbonate | 2 |
| 24568-331 | EN 45545-2 | Red, Silver | Polycarbonate, Aluminum | 2.5 |
| 24568-332 | EN 45545-2 | Red, Silver | Polycarbonate, Aluminum | 2.5 |
| 24568-341 | EN 45545-2 | Grey, Silver | Polycarbonate, Aluminum | 2.5 |
| 24568-342 | EN 45545-2 | Grey, Silver | Polycarbonate, Aluminum | 2.5 |
| 64568-111 | EN 45545-2 | Red, Silver | Polycarbonate, Aluminum | 2.5 |
| 64568-112 | EN 45545-2 | Grey, Silver | Polycarbonate, Aluminum | 2.5 |
| 64568-110 | EN 45545-2 | Grey, Silver | Polycarbonate, Aluminum | 2.5 |
| 64568-109 | EN 45545-2 | Red, Silver | Polycarbonate, Aluminum | 2.5 |

## ADDITIONAL PRODUCT DETAILS

Please take into consideration that deliveries may be carried out in the stated SPQs (SPQ, e.g. 5 pieces, 10 pieces, 50 pieces, etc.). Differing order quantities (e.g. 2 pieces) may be changed to the next possible delivery quantity = Standard Pack Quantity.

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.