



**Pushing Performance**  
Since 1945

# Han 24 HPR Hood Angled Entry 3x PG21



|               |                                      |
|---------------|--------------------------------------|
| Part number   | 09 40 024 0631                       |
| Specification | Han 24 HPR Hood Angled Entry 3x PG21 |

## Identification

|                             |                |
|-----------------------------|----------------|
| Category                    | Hoods/Housings |
| Series of hoods/housings    | Han® HPR       |
| Type of hood/housing        | Hood           |
| Description of hood/housing | Special type   |

## Version

|                         |                                               |
|-------------------------|-----------------------------------------------|
| Size                    | 24 B                                          |
| Version                 | Angled entry                                  |
| Number of cable entries | 3                                             |
| Cable entry             | 3x Pg 21                                      |
| Locking type            | Screw locking                                 |
| Field of application    | Hoods/housings for harsh outdoor environments |

## Technical characteristics

|                                        |                                                |
|----------------------------------------|------------------------------------------------|
| Tightening torque (screw locking)      | 4 Nm                                           |
| Limiting temperature                   | -40 ... +125 °C                                |
| Note on the limiting temperature       | For use as a connector according to IEC 61984. |
| Degree of protection acc. to IEC 60529 | IP65                                           |
|                                        | IP68                                           |
|                                        | IP69 / IPX9K acc. to ISO 20653                 |
| Type rating acc. to UL 50 / UL 50E     | 4                                              |
|                                        | 4X                                             |
|                                        | 12                                             |



**Pushing Performance**  
Since 1945

## Material properties

|                                      |                                                        |
|--------------------------------------|--------------------------------------------------------|
| Material (hood/housing)              | Aluminium die-cast<br>Corrosion resistant              |
| Surface (hood/housing)               | Powder-coated                                          |
| Colour (hood/housing)                | RAL 9005 (jet black)                                   |
| Material (locking)                   | Stainless steel                                        |
| RoHS                                 | compliant with exemption                               |
| RoHS exemptions                      | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status                           | compliant with exemption                               |
| China RoHS                           | 50                                                     |
| REACH Annex XVII substances          | Not contained                                          |
| REACH ANNEX XIV substances           | Not contained                                          |
| REACH SVHC substances                | Yes                                                    |
| REACH SVHC substances                | Lead                                                   |
| ECHA SCIP number                     | 5dbb3851-b94e-4e88-97a1-571845975242                   |
| California Proposition 65 substances | Yes                                                    |
| California Proposition 65 substances | Lead<br>Nickel<br>Naphthalene                          |
| Fire protection on railway vehicles  | EN 45545-2 (2020-08)                                   |
| Requirement set with Hazard Levels   | R1 (HL 1-3)<br>R7 (HL 1-3)                             |

## Specifications and approvals

|           |                                                            |
|-----------|------------------------------------------------------------|
| UL / CSA  | UL 1977 ECBT2.E235076<br>CSA-C22.2 No. 182.3 ECBT8.E235076 |
| Approvals | CE<br>DNV GL                                               |

## Commercial data

|                                |               |
|--------------------------------|---------------|
| Packaging size                 | 1             |
| Net weight                     | 988 g         |
| Country of origin              | Germany       |
| European customs tariff number | 85389099      |
| GTIN                           | 5713140058118 |
| ETIM                           | EC000437      |



**Pushing Performance**  
Since 1945

## Commercial data

eCl@ss

27440202 Shell for industrial connectors