



Pushing Performance  
Since 1945

# Han K 32-55-F-C

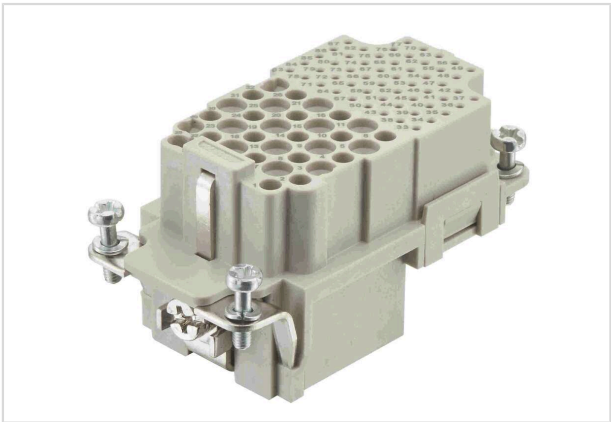


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 38 087 3101                                                                |
| Specification      | Han K 32-55-F-C                                                               |
| HARTING eCatalogue | <a href="https://harting.com/09380873101">https://harting.com/09380873101</a> |

## Identification

|                |              |
|----------------|--------------|
| Category       | Inserts      |
| Series         | Han-Com®     |
| Identification | Han® K 32/55 |

## Version

|                           |                                         |
|---------------------------|-----------------------------------------|
| Termination method        | Crimp termination                       |
| Gender                    | Female                                  |
| Size                      | 10 B                                    |
| Number of contacts        | 87                                      |
| Number of signal contacts | 55                                      |
| Number of power contacts  | 32                                      |
| PE contact                | Yes                                     |
| Details                   | Please order crimp contacts separately. |
|                           | 32x Han D®                              |
|                           | 55x D-Sub                               |

## Technical characteristics

|                                |                          |
|--------------------------------|--------------------------|
| Conductor cross-section        | 0.14 ... 2.5 mm² Power   |
|                                | 0.09 ... 0.52 mm² Signal |
| Rated current (signal)         | 4 A                      |
| Rated voltage (signal)         | 50 V                     |
| Rated impulse voltage (signal) | 0.8 kV                   |
| Pollution degree (signal)      | 2                        |
| Rated current (power)          | 10 A                     |



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## Technical characteristics

|                               |                                              |
|-------------------------------|----------------------------------------------|
| Rated voltage (power)         | 250 V                                        |
| Rated impulse voltage (power) | 4 kV                                         |
| Pollution degree (power)      | 2                                            |
| Rated voltage acc. to UL      | 600 V Power contacts<br>30 V Signal contacts |
| Insulation resistance         | $>10^{10} \Omega$                            |
| Limiting temperature          | -40 ... +125 °C                              |
| Mating cycles                 | $\geq 500$                                   |

## Material properties

|                                           |                              |
|-------------------------------------------|------------------------------|
| Material (insert)                         | Polycarbonate (PC)           |
| Colour (insert)                           | RAL 7032 (pebble grey)       |
| Material flammability class acc. to UL 94 | V-0                          |
| RoHS                                      | compliant                    |
| ELV status                                | compliant                    |
| China RoHS                                | e                            |
| REACH Annex XVII substances               | Not contained                |
| REACH ANNEX XIV substances                | Not contained                |
| REACH SVHC substances                     | Not contained                |
| California Proposition 65 substances      | Not contained                |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08)         |
| Requirement set with Hazard Levels        | R22 (HL 1-3)<br>R23 (HL 1-3) |

## Specifications and approvals

|                |                                                            |
|----------------|------------------------------------------------------------|
| Specifications | IEC 60664-1<br>IEC 61984                                   |
| UL / CSA       | UL 1977 ECBT2.E235076<br>CSA-C22.2 No. 182.3 ECBT8.E235076 |

## Commercial data

|                                |          |
|--------------------------------|----------|
| Packaging size                 | 1        |
| Net weight                     | 35 g     |
| Country of origin              | China    |
| European customs tariff number | 85366990 |



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Commercial data

|             |                                                   |
|-------------|---------------------------------------------------|
| GTIN        | 5713140186507                                     |
| eCl@ss      | 27440205 Contact insert for industrial connectors |
| ETIM        | EC000438                                          |
| UNSPSC 24.0 | 39121522                                          |