

DIN-Signal high curr.FS40A M-flat AU50



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

| | |
|--------------------|---|
| Part number | 09 03 000 8225 |
| Specification | DIN-Signal high curr.FS40A M-flat AU50 |
| HARTING eCatalogue | https://b2b.harting.com/09030008225 |

Identification

| | |
|----------------------------|-----------------------|
| Category | Contacts |
| Series | DIN 41612 |
| Type of contact | PCB solder contact |
| Description of the contact | Straight |
| Contacts for | DIN 41612 Type M-flat |

Version

| | |
|-----------------------|--------------------------------------|
| Gender | Female contact for female connectors |
| Manufacturing process | Turned contacts |

Technical characteristics

| | |
|-------------------|-----------------------------------|
| Operating current | ≤40 A |
| Performance level | AU 50 1 acc. to IEC 60603-2 |
| Mating cycles | ≥500 |

Material properties

| | |
|---------------------|--|
| Material (contacts) | Copper alloy |
| Surface (contacts) | Au over Ni Mating side Noble metal Termination side |
| Layer thickness | ≥1.27 µm |
| Layer thickness | ≥50 µinch |
| RoHS | compliant with exemption |



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Material properties

| | |
|--------------------------------------|--|
| 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 | 339476a1-86ba-49e9-ab4b-cd336420d72a |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead |

Specifications and approvals

| | |
|----------------|-----------|
| Specifications | DIN 41626 |
|----------------|-----------|

Commercial data

| | |
|--------------------------------|--|
| Packaging size | 100 |
| Net weight | 1.05 g |
| Country of origin | Czechia |
| European customs tariff number | 85366990 |
| GTIN | 5713140215368 |
| eCl@ss | 27440204 Contact for industrial connectors |



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Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2

