

M12-SD-CC-CRIMP-4/5P-ACOD-F-STR-CF



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

| | |
|--------------------|---|
| Part number | 21 03 821 2513 |
| Specification | M12-SD-CC-CRIMP-4/5P-ACOD-F-STR-CF |
| HARTING eCatalogue | https://b2b.harting.com/21038212513 |

Identification

| | |
|----------------|-------------------------|
| Category | Connectors |
| Series | Circular connectors M12 |
| Identification | Slim Design |
| Element | Cable connector |
| Specification | Straight |

Version

| | |
|--------------------|---|
| Termination method | Crimp termination |
| Gender | Female |
| Shielding | Shielded Shield connection with crimp flange |
| Number of contacts | 5 4 |
| Coding | A-coding |
| Locking type | Screw locking |
| Details | Please order crimp contacts separately. |

Technical characteristics

| | |
|-------------------------|-------------------------------|
| Conductor cross-section | 0.13 ... 0.82 mm ² |
| Conductor cross-section | AWG 26 ... AWG 18 |
| Wire outer diameter | ≤2.3 mm |
| Rated current | 4 A |
| Rated voltage | 48 V AC 60 V DC |



Pushing Performance
Since 1945

Technical characteristics

| | |
|---|---------------------------------------|
| Rated voltage | 110 V AC/DC when used with 4 contacts |
| Rated impulse voltage | 1.5 kV |
| Pollution degree | 3 |
| Overvoltage category | III |
| Insulation resistance | $>10^8 \Omega$ |
| Contact resistance | $\leq 10 \text{ m}\Omega$ |
| Tightening torque | 0.6 Nm |
| Wrench size (knurled screw / knurled nut) | 15 |
| Limiting temperature | -40 ... +85 °C |
| Mating cycles | ≥ 500 |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 mated condition |
| Isolation group | I ($600 \leq \text{CTI}$) |

Material properties

| | |
|--------------------------------------|--|
| Material (insert) | Polyamide (PA) |
| Material (hood/housing) | Zinc die-cast |
| 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 | 0d7d3693-d625-47ab-934a-d241bf72c86e |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels | R22 (HL 1-3) R23 (HL 1-3) |

Specifications and approvals

| | |
|----------------|-----------------|
| Specifications | IEC 61076-2-101 |
|----------------|-----------------|



Pushing Performance
Since 1945

Specifications and approvals

| | |
|----------|--|
| UL / CSA | UL 2238 CYJV2.E302521 CSA-C22.2 No. 182.3 CYJV8.E302521 |
|----------|--|

Commercial data

| | |
|--------------------------------|--|
| Packaging size | 1 |
| Net weight | 50.4 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140225510 |
| eCl@ss | 27440116 Circular connector (for field assembly) |