

M12-PP-CC-CRIMP-SCOD-F-STR-SHLD



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

| | |
|--------------------|---|
| Part number | 21 03 896 2425 |
| Specification | M12-PP-CC-CRIMP-SCOD-F-STR-SHLD |
| HARTING eCatalogue | https://b2b.harting.com/21038962425 |

Identification

| | |
|----------------|-------------------------|
| Category | Connectors |
| Series | Circular connectors M12 |
| Identification | Power PushPull |
| Element | Cable connector |
| Specification | Straight |

Version

| | |
|-----------------------------------|---|
| Termination method | Crimp termination |
| Gender | Female |
| Shielding | Shielded |
| Number of contacts | 4 |
| Number of power contacts | 3 |
| Number of special contacts | 1 |
| Specification of special contacts | PE contact |
| Coding | S-coding |
| Locking type | Outer PushPull |
| Details | Please order crimp contacts separately. |

Technical characteristics

| | |
|-------------------------|-----------------------------|
| Conductor cross-section | 0.5 ... 2.5 mm ² |
| Conductor cross-section | AWG 20 ... AWG 14 |
| Rated current | 12 A |



Pushing Performance
Since 1945

Technical characteristics

| | |
|--|-----------------------------|
| Rated voltage | 630 V |
| Rated impulse voltage | 6 kV |
| Pollution degree | 3 |
| Overvoltage category | III |
| Insulation resistance | $>10^8 \Omega$ |
| Contact resistance | $\leq 10 \text{ m}\Omega$ |
| Limiting temperature | -40 ... +125 °C |
| Mating cycles | ≥ 100 |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 mated condition |
| Cable diameter | 5.1 ... 10.1 mm |
| Isolation group | I ($600 \leq \text{CTI}$) |

Material properties

| | |
|-------------------------------------|----------------------|
| Material (insert) | Polyamide (PA) |
| Material (hood/housing) | Zinc die-cast |
| 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 |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels | R26 |

Specifications and approvals

| | |
|----------------|------------------------------------|
| Specifications | IEC 61076-2-111 IEC 61076-2-010 |
|----------------|------------------------------------|

Commercial data

| | |
|--------------------------------|---------------|
| Packaging size | 1 |
| Net weight | 70 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140227033 |



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ETIM EC002635

eCl@ss 27440116 Circular connector (for field assembly)