



Pushing Performance
Since 1945

DIN-Signal high current f, 30A crimp



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

Part number	09 03 000 8224
Specification	DIN-Signal high current f, 30A crimp
HARTING eCatalogue	https://harting.com/09030008224

Identification

Category	Contacts
Series	DIN 41612
Type of contact	Crimp contact
Description of the contact	Straight
Contacts for	DIN 41612 Type M DIN 41612 Type M invers

Version

Termination method	Crimp termination
Gender	Female contact for female connectors
Connection type	Motherboard to daughtercard Mezzanine Extender card PCB to cable
Manufacturing process	Turned contacts

Technical characteristics

Conductor cross-section	4 ... 6 mm ²
Conductor cross-section [AWG]	AWG 12 ... AWG 10
Rated current	≤30 A
Insertion force	≤10 N
Withdrawal force	≥1.6 N
Performance level	AU 50 1 acc. to IEC 60603-2



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Technical characteristics

Mating cycles	≥500
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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

Specifications and approvals

Specifications	DIN 41626
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Commercial data

Packaging size	100
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140466920
eCl@ss	27440204 Contact for industrial connectors
ETIM	EC000796
UNSPSC 24.0	39121522

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

