Pushing Performance

DIN-Signal high current FC 20A crimp



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

Part number	09 03 000 6220
Specification	DIN-Signal high current FC 20A crimp
HARTING eCatalogue	https://b2b.harting.com/09030006220

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 MH 21+5 DIN 41612 Bauform M 0+2

Version

Gender	Female contact for female connectors
Manufacturing process	Turned contacts

Technical characteristics

Conductor cross-section	2.5 mm²
Conductor cross-section	AWG 14
Operating current	≤20 A
Performance level	1
Mating cycles	≥500

Material properties

Material (contacts)	Copper alloy
Surface (contacts)	Noble metal
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight

HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

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Material properties

ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	339476a1-86ba-49e9-ab4b-cd336420d72a

Specifications and approvals

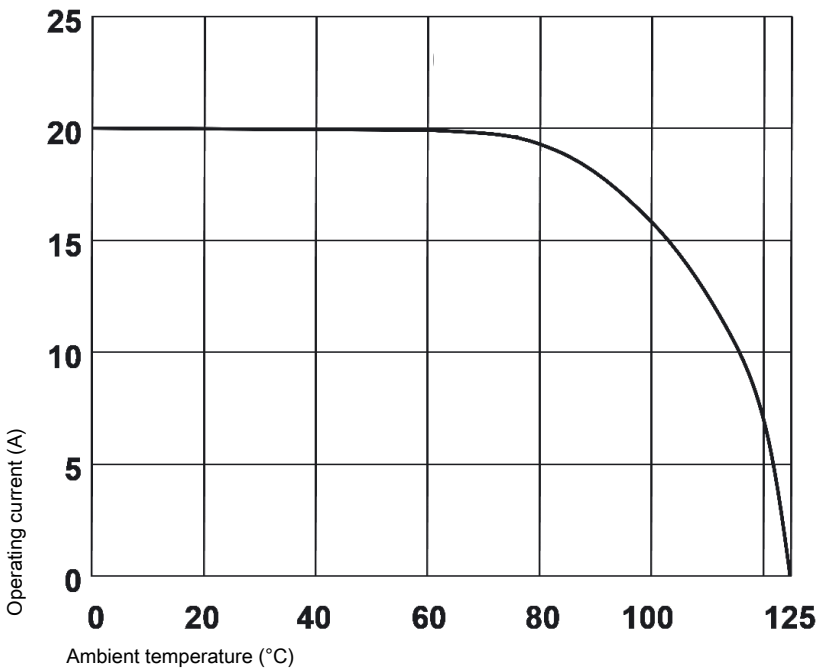
Specifications	DIN 41626

Commercial data

Packaging size	100
Net weight	1.77 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440204 Contact for industrial connectors

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



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