Pushing Performance

DIN-Signal high current m, 40A solder

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

Part number	09 03 000 6135
Specification	DIN-Signal high current m, 40A solder
HARTING eCatalogue	https://b2b.harting.com/09030006135

Identification

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

Version

Gender	Male contact for male connectors
Manufacturing process	Turned contacts

Technical characteristics

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

Material properties

Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni Mating side Sn over Ni Termination side
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

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Material properties

REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	ecef7555-f643-4ceb-a337-fc54762297f1
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel Lead

Specifications and approvals

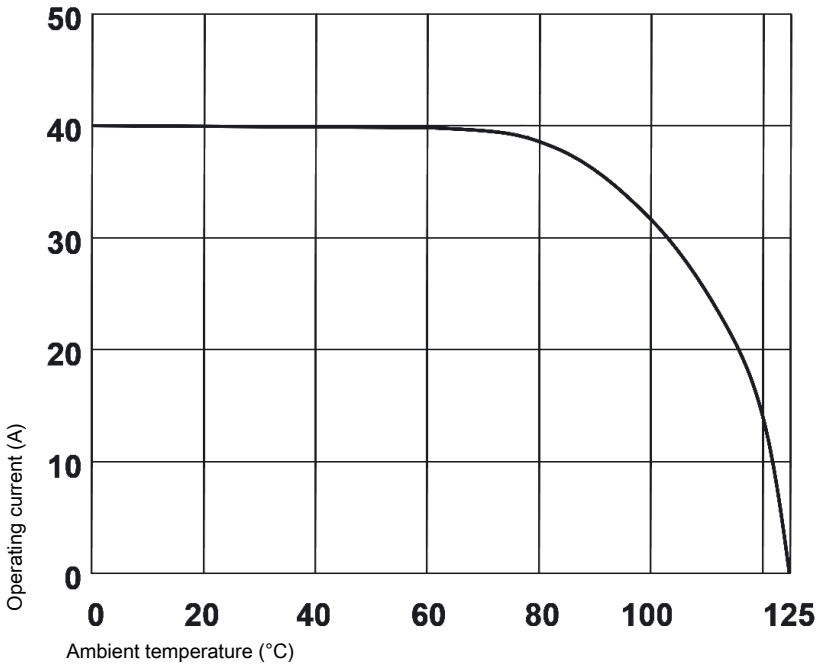
Specifications	DIN 41626

Commercial data

Packaging size	100
Net weight	1.6 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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