

DIN-Signal high curr. f, 40A crimp AU50

		Part number	09 03 000 8215
		Specification	DIN-Signal high curr. f, 40A crimp AU50
		HARTING eCatalogue	https://b2b.harting.com/09030008215
Identification			
Category	Contacts		
Series	DIN 41612		
Type of contact	Crimp contact		
Description of the contact	Straight		
Contacts for	DIN 41612 Ty DIN 41612 Ty DIN 41612 Ty DIN 41612 Ba	pe M invers pe MH 21+5	
Features	lead-free		
Features Version	lead-free		
		ct for female connectors	
Version	Female contac	o daughtercard	
Version Gender	Female contact Motherboard t Mezzanine Extender card	o daughtercard	
Version Gender Connection type	Female contact Motherboard t Mezzanine Extender card PCB to cable	o daughtercard	
Version Gender Connection type Manufacturing process	Female contact Motherboard t Mezzanine Extender card PCB to cable	o daughtercard	
Version Gender Connection type Manufacturing process Technical characteristics	Female contact Motherboard t Mezzanine Extender card PCB to cable Turned contact	o daughtercard	
Version Gender Connection type Manufacturing process Technical characteristics Conductor cross-section	Female contact Motherboard to Mezzanine Extender card PCB to cable Turned contact 10 mm ²	o daughtercard	
Version Gender Connection type Manufacturing process Technical characteristics Conductor cross-section Conductor cross-section	Female contact Motherboard to Mezzanine Extender card PCB to cable Turned contact 10 mm ² AWG 8	o daughtercard	
Version Gender Connection type Manufacturing process Technical characteristics Conductor cross-section Conductor cross-section Rated current	Female contact Motherboard t Mezzanine Extender card PCB to cable Turned contact 10 mm² AWG 8 ≤40 A AU 50 1	o daughtercard	

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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
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	ecef7555-f643-4ceb-a337-fc54762297f1
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead

Specifications and approvals

Specifications	DIN 41626
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Commercial data	
Packaging size	100
Net weight	2.16 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140215320
ETIM	EC000796
eCl@ss	27440204 Contact for industrial connectors

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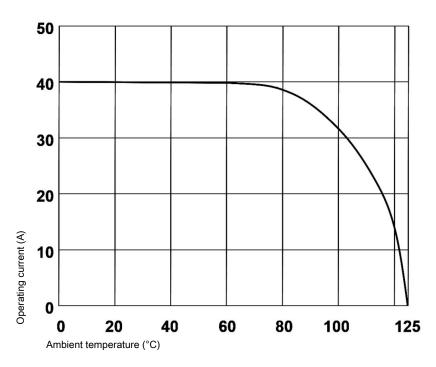


Since 1945

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 (nonintermittent) 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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