

Circular Connector w. Harax 7/8" L 5 F



Part number	21 04 116 2505
Specification	Circular Connector w. Harax 7/8" L 5 F
HARTING eCatalogue	https://b2b.harting.com/21041162505

Identification

Category	Connector
Series	Circular connectors 7/8"
Element	Cable connector
Specification	Straight

Version

Termination method	HARAX [®] connection technology
Gender	Female
Locking type	Screw locking
Shielding	Unshielded
Number of contacts	5

Technical characteristics

Conductor cross-section	0.75 1.5 mm²
Conductor cross-section	AWG 18 AWG 16
Wire outer diameter	≤2.8 mm
Rated current	10 A
Rated voltage conductor-earth	230 V
Rated voltage conductor-conductor	400 V
Rated impulse voltage	4.8 kV
Pollution degree	3
Insulation resistance	> 10 ⁸ Ω
Contact resistance	≤10 mΩ
Ambient temperature	-40 +85 °C

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Technical characteristics

Tightening torque	1.5 Nm
Wrench size	A/F 22 Knurled screw / knurled nut
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 when mated IP67 when mated
Cable diameter	6.8 12.5 mm
Overvoltage category	III
Isolation group	I (600 ≤ CTI)
Material properties	
Material (insert)	Polyamide TPU
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated
Material (hood/housing)	Polyamide Zinc die-cast TPU
RoHS	compliant with exemption
RoHS exemptions	6c: Copper alloy containing up to 4 % lead by weight
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
Commercial data	
Packaging size	1
Net weight	92.9 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440102 Circular connector (for field assembly)

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