


Part number

RDSHM 42



Male insert, RDSH series, SQUICH® spring terminal connection without tools, 42 poles + PE, 10 A 400 V 6 kV 3, size "104.27", HNM - High Number of Matings version

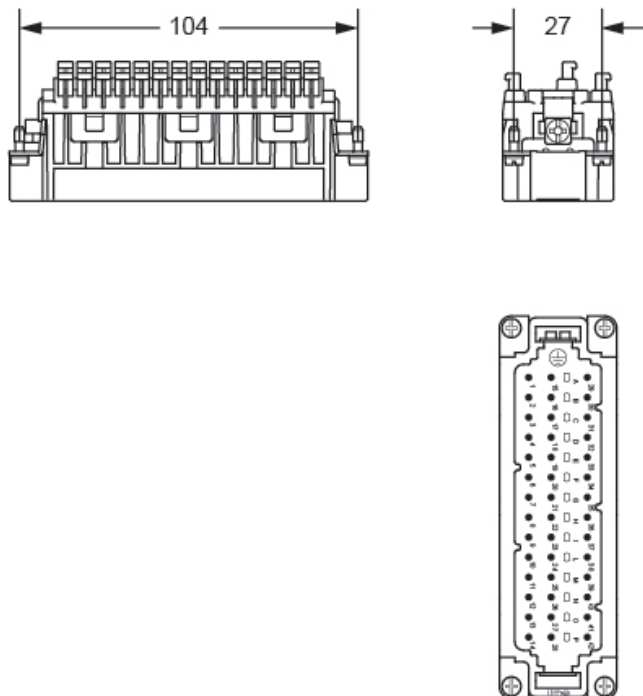
Product description		Material properties	
Product type	Insert	Main material	Polycarbonate (PC)
Series	RDSH	Other materials	Contacts: copper alloy
Connection type	SQUICH® spring terminal connection without tools	Colour	RAL 7032 grey
Gender	Male	RoHs conformity	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
N. of poles	42 poles + 	China RoHs - EFUP	50
Size	Size 104.27	REACH SVHC substances	Yes Lead
Specification	HNM - High Number of Matings version	SCIP number	1a9c93ff-0445-4a16-81e3-1609ac5274d6
Technical data		Approvals / Standards	
Current	10 A	Certifications	DNV, EAC
Voltage	400 V	General ordering information	
Rated impulse withstand voltage	6 kV	EAN13 code	8015747091411
Pollution degree	3	eCl@ss 8.1	27440205
Rated voltage according to UL/CSA	600 V	ETIM 7.0	EC000438
Wire cross-section	0,14 mm ² - 2,50 mm ²	Packaging Information	
AWG size	26 - 14	Packaging length	245,00 mm
Contact type	Turned gold plated	Packaging height	165,00 mm
IP degree of protection	IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure	Packaging width	215,00 mm
Further technical details		Packaging weight	4,23 kg
Characteristics according to EN 61984	10A 400V 6kV 3; 10A 400/690V 6kV 2	Packaging volume	8,69 dm ³
Mating cycles	≥ 10000	Packaging description	Carton box
Insulation resistance	≥ 10 GΩ	Packaging quantity	30 Pcs
Contact resistance	≤ 3 mΩ	Packaging EAN code	8015747091428
Weight	126,50 g	Sub-packaging length	197,00 mm
Operating temperature range (min, max)	-40°C...+125°C	Sub-packaging height	55,00 mm
Conductors stripping length	9...11 mm	Sub-packaging width	113,00 mm
UL 94 flammability rating	V-0	Sub-packaging weight	0,71 kg
		Sub-packaging volume	1,22 dm ³
		Sub-packaging description	Carton tray
		Sub-packaging quantity	5 Pcs
		Sub-packaging EAN barcode	8015747112079

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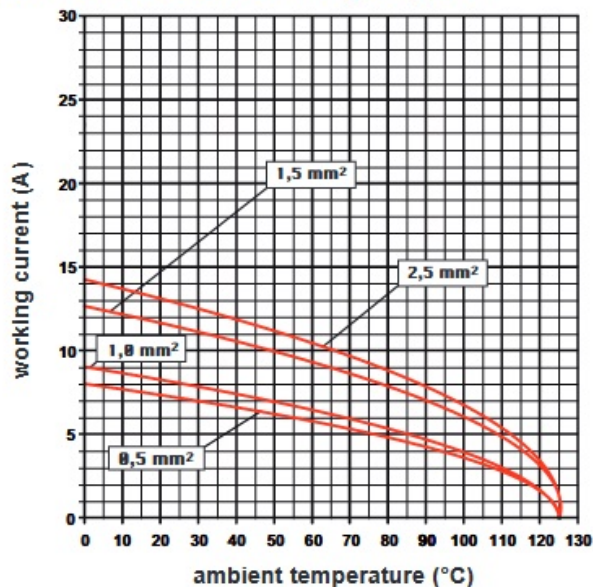


Catalogue drawings



Derating curves

RDSH 42 poles connector inserts
Maximum current load derating diagram



Notes

California Proposition 65 Information



WARNING

This product can expose you to lead and its compounds, known to the State of California to cause cancer and/or reproductive toxicity. For more information go to www.P65Warnings.ca.gov.

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Dimensions shown in mm are not binding and may be changed without notice.

SQUICH® connection with actuator button



Reopening
