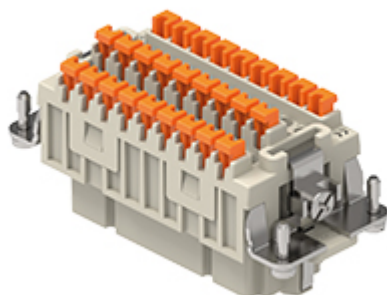


Part number

RDSHF 27



Female insert, RDSH series, SQUICH® spring terminal connection without tools, 27 poles + PE, 10 A 400 V 6 kV 3, size "77.27", 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	Female	RoHs conformity	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
N. of poles	27 poles + 	China RoHs - EFUP	50
Size	Size "77.27"	REACH SVHC substances	Yes
Specification	HNM - High Number of Matings version	Lead	Lead
Technical data		SCIP number	1a9c93ff-0445-4a16-81e3-1609ac5274d6
Current	10 A	Approvals / Standards	
Voltage	400 V	Certifications	DNV, EAC
Rated impulse withstand voltage	6 kV	General ordering information	
Pollution degree	3	EAN13 code	8015747278584
Rated voltage according to UL/CSA	600 V	eCl@ss 8.1	27440205
Wire cross-section	0,14 mm² - 2,50 mm²	ETIM 7.0	EC000438
AWG size	26 - 14	Packaging Information	
Contact type	Turned gold plated	Packaging length	245,00 mm
IP degree of protection	IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure	Packaging height	165,00 mm
Further technical details		Packaging width	215,00 mm
Characteristics according to EN 61984	10A 400V 6kV 3; 10A 400/690V 6kV 2	Packaging weight	3,55 kg
Mating cycles	≥ 10000	Packaging volume	8,69 dm³
Insulation resistance	≥ 10 GΩ	Packaging description	Carton box
Contact resistance	≤ 3 mΩ	Packaging quantity	30 Pcs
Weight	102,50 g	Packaging EAN code	8015747278607
Operating temperature range (min, max)	-40°C...+125°C	Sub-packaging length	197,00 mm
Conductors stripping length	9...11 mm	Sub-packaging height	55,00 mm
UL 94 flammability rating	V-0	Sub-packaging width	113,00 mm
		Sub-packaging weight	0,59 kg
		Sub-packaging volume	1,22 dm³
		Sub-packaging description	Carton tray
		Sub-packaging quantity	5 Pcs
		Sub-packaging EAN barcode	8015747278591

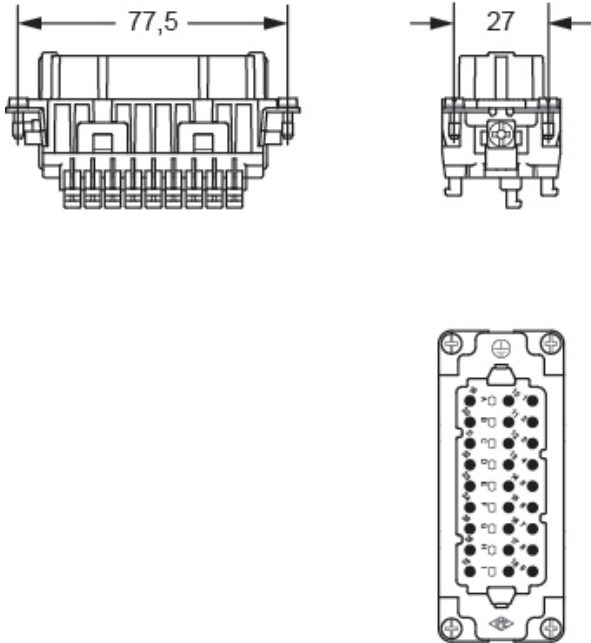
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Catalogue drawings

Derating curves



RDSH 27 poles connector inserts
Maximum current load derating diagram

