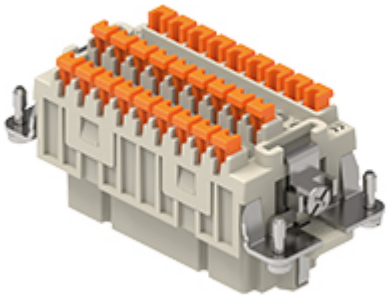
Part number

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

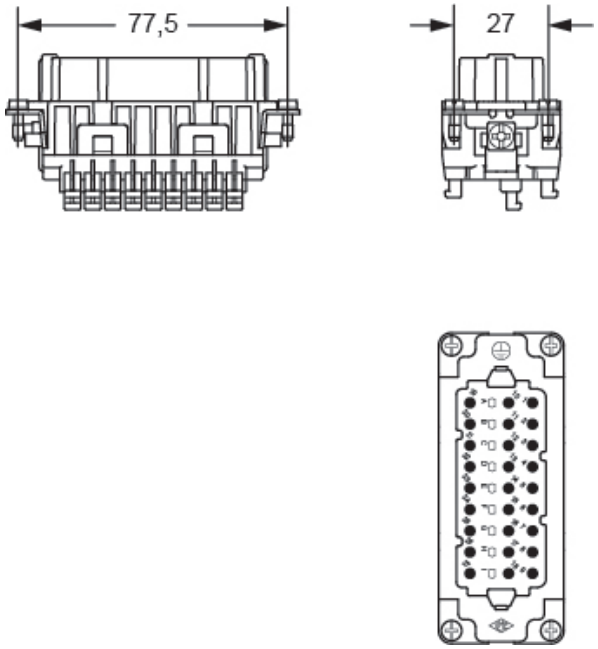
Product description	
Product type	Insert
Series	RDSH
Connection type	SQUICH® spring terminal connection without tools
Gender	Female
N. of poles	27 poles + ⏚
Size	Size "77.27"
Specification	HNM - High Number of Matings version
Technical data	
Current	10 A
Voltage	400 V
Rated impulse withstand voltage	6 kV
Pollution degree	3
Rated voltage according to UL/CSA	600 V
Wire cross-section	0,14 mm² - 2,50 mm²
AWG size	26 - 14
Contact type	Turned gold plated
IP degree of protection	IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure
Further technical details	
Characteristics according to EN 61984	10A 400V 6kV 3; 10A 400/690V 6kV 2
Mating cycles	≥ 10000
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 3 mΩ
Weight	102,50 g
Operating temperature range (min, max)	-40°C...+125°C
Conductors stripping length	9...11 mm
UL 94 flammability rating	V-0

Material properties	
Main material	Polycarbonate (PC)
Other materials	Contacts: copper alloy
Colour	RAL 7032 grey
RoHs conformity	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
China RoHs - EFUP	50
REACH SVHC substances	Yes Lead
SCIP number	1a9c93ff-0445-4a16-81e3-1609ac5274d6
Approvals / Standards	
Certifications	DNV, EAC
General ordering information	
EAN13 code	8015747278584
eCl@ss 8.1	27440205
ETIM 7.0	EC000438
Packaging Information	
Packaging length	245,00 mm
Packaging height	165,00 mm
Packaging width	215,00 mm
Packaging weight	3,55 kg
Packaging volume	8,69 dm³
Packaging description	Carton box
Packaging quantity	30 Pcs
Packaging EAN code	8015747278607
Sub-packaging length	197,00 mm
Sub-packaging height	55,00 mm
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

Part number

RDSHF 27

Catalogue drawings



Derating curves

