



# RDSH 09 HNM (High Number of Mating cycles)

## 10 A 400 V

size **44.27**  
9 poles + ⊕

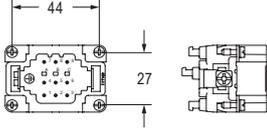
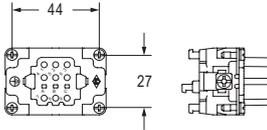
### Tool-less connection – SQUICH®

EN 61984 rating	10 A 400 V 6 kV 3
	10 A 400 / 690 V 6 kV 2
Rated voltage (UL / CSA)	600 V
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 3 mΩ
Ambient temperature limit	-40 °C ... +125 °C
Mechanical life (cycles)	≥ 10 000

CE UK EAC

DNV BUREAU VERITAS (pending: CQC)

CAIUS ECBT2.E115072 | ECBT8.E115072

Item	Description	Part No.	Dimension
	Male inserts with male contacts Spring clamp connections, with actuator button	<a href="#">RDSHM 09</a>	
	Female inserts with female contacts Spring clamp connections, with actuator button	<a href="#">RDSHF 09</a>	

### Materials

Insert	polycarbonate (PC)
UL 94 flame rating	V-0
Colour	pebble grey, RAL 7032
Contacts	built-in, copper alloy, gold ● plated (HNM version)

### Wiring information

Wires cross sectional area	
- unprepared	0,14 mm <sup>2</sup> - 2,5 mm <sup>2</sup> (AWG 26-14)
- prepared	up to 1,5 mm <sup>2</sup> (AWG 16)
Stripping length	9...11 mm



**CR CDS**  
Coding pins  
Page G.9

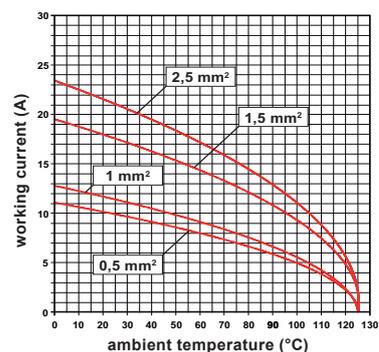
### Enclosures size 44.27

### Pages

### Specialized Applications

HNM High Number of Mating cycles

H.74-75



RDSH 09 inserts max. current load derating diagram