


Part number

# CSAHF 16 N



Female insert, CSAH series, SQUICH® spring terminal connection without tools, 16 poles + PE (17-32), 16 A 250 V 4 kV 3, size "66.40"

Product description	
<b>Product type</b>	Insert
<b>Series</b>	CSAH
<b>Connection type</b>	SQUICH® spring terminal connection without tools
<b>Gender</b>	Female
<b>N. of poles</b>	32 poles + 
<b>Size</b>	Size "66.40"
Technical data	
<b>Current</b>	16 A
<b>Voltage</b>	250 V
<b>Rated impulse withstand voltage</b>	4 kV
<b>Pollution degree</b>	3
<b>Rated voltage according to UL/CSA</b>	600 V
<b>Wire cross-section</b>	0,14 mm <sup>2</sup> - 2,50 mm <sup>2</sup>
<b>AWG size</b>	26 - 14
<b>Contact type</b>	Turned silver plated
<b>Pole numbering system</b>	17-32
<b>IP degree of protection</b>	IP20 without enclosure, IP65/IP66 with enclosure
Further technical details	
<b>Characteristics according to EN 61984</b>	16A 250V 4kV 3; 16A 230/400V 4kV 2
<b>Mating cycles</b>	≥ 500
<b>Insulation resistance</b>	≥ 10 GΩ
<b>Contact resistance</b>	≤ 3 mΩ
<b>Weight</b>	63,00 g
<b>Operating temperature range (min, max)</b>	-40 °C ... +125 °C
<b>Conductors stripping length</b>	9...11 mm
<b>UL 94 flammability rating</b>	V-0
<b>Tightening torque for PE connection</b>	M3,5: 0,8 Nm; 7,1 lb.in (Ph1 or 0,8 x 5,5 mm)

Material properties	
<b>Main material</b>	Polycarbonate (PC)
<b>Other materials</b>	Contacts: copper alloy
<b>Colour</b>	RAL 7032 grey
<b>RoHs conformity</b>	Compliant with exemption 6(c); copper alloy containing up to 4% lead by weight
<b>China RoHs - EFUP</b>	50
<b>REACH SVHC substances</b>	Yes Lead
<b>SCIP number</b>	1a9c93ff-0445-4a16-81e3-1609ac5274d6
Approvals / Standards	
<b>Reference standard</b>	EN 61984:2009-06
<b>Certifications</b>	DNV, BV, EAC, CQC
<b>UL</b>	ECBT2
<b>cUL</b>	ECBT8
General ordering information	
<b>EAN13 code</b>	8015747221436
<b>eCl@ss 8.1</b>	27440205
<b>ETIM 7.0</b>	EC000438
Packaging Information	
<b>Packaging length</b>	260,00 mm
<b>Packaging height</b>	120,00 mm
<b>Packaging width</b>	140,00 mm
<b>Packaging weight</b>	2,18 kg
<b>Packaging volume</b>	4,37 dm <sup>3</sup>
<b>Packaging description</b>	Carton box
<b>Packaging quantity</b>	30 Pcs
<b>Packaging EAN code</b>	8015747222280
<b>Sub-packaging length</b>	127,00 mm
<b>Sub-packaging height</b>	45,00 mm
<b>Sub-packaging width</b>	79,00 mm
<b>Sub-packaging weight</b>	0,36 kg
<b>Sub-packaging volume</b>	0,45 dm <sup>3</sup>
<b>Sub-packaging description</b>	Carton tray
<b>Sub-packaging quantity</b>	5 Pcs
<b>Sub-packaging EAN barcode</b>	8015747221467