

# Amphenol Automotive

Amphenol-Tuchel Electronics GmbH



**C390 - 8mm Active Pin Lock**

C390 10E101 X41 2



## Product Description

### 8mm Pin Lock - C390 - R8S

The Pin Lock provides a high performance with an optimized cost structure. It assures all high-current applications such as battery disconnects, ground connections, overseas transports, and heaters in vehicles.

## PRODUCT CHARACTERISTICS

Mating design	serviceable locking button
Terminal system	- Ø 8mm RADSOK® contact system - silver plated - tin coated crimp area
Terminal technology	crimping
General features	- 90° angled connector design - 5 different coding available - TPA (terminal position assurance) implemented in the housing - accepts 35-50mm <sup>2</sup> wire

## CONSTRUCTION

Housing material	PBT GF30
Contact material	copper alloy (silver plated)
standard wire	35-50mm <sup>2</sup>

## PERFORMANCE CHARACTERISTICS

Nominal current	160A at 85°C (35mm <sup>2</sup> ) 205A at 85°C (50mm <sup>2</sup> )
Voltage range	60V DC/AC
Pull out force	>250N (once only)
Temperature range	-40°C to+125°C
Contact resistance	0,39m (35mm) - 0,36m (50mm)

## CONNECTOR INTERFACE

grooved pin, 8mm, silver plated

cover stepped, optional flat design

housing color see coding  
- neutral (black)  
- A (red), B (white), C (blue), D (brown)

## DIMENSIONAL CHARACTERISTICS

