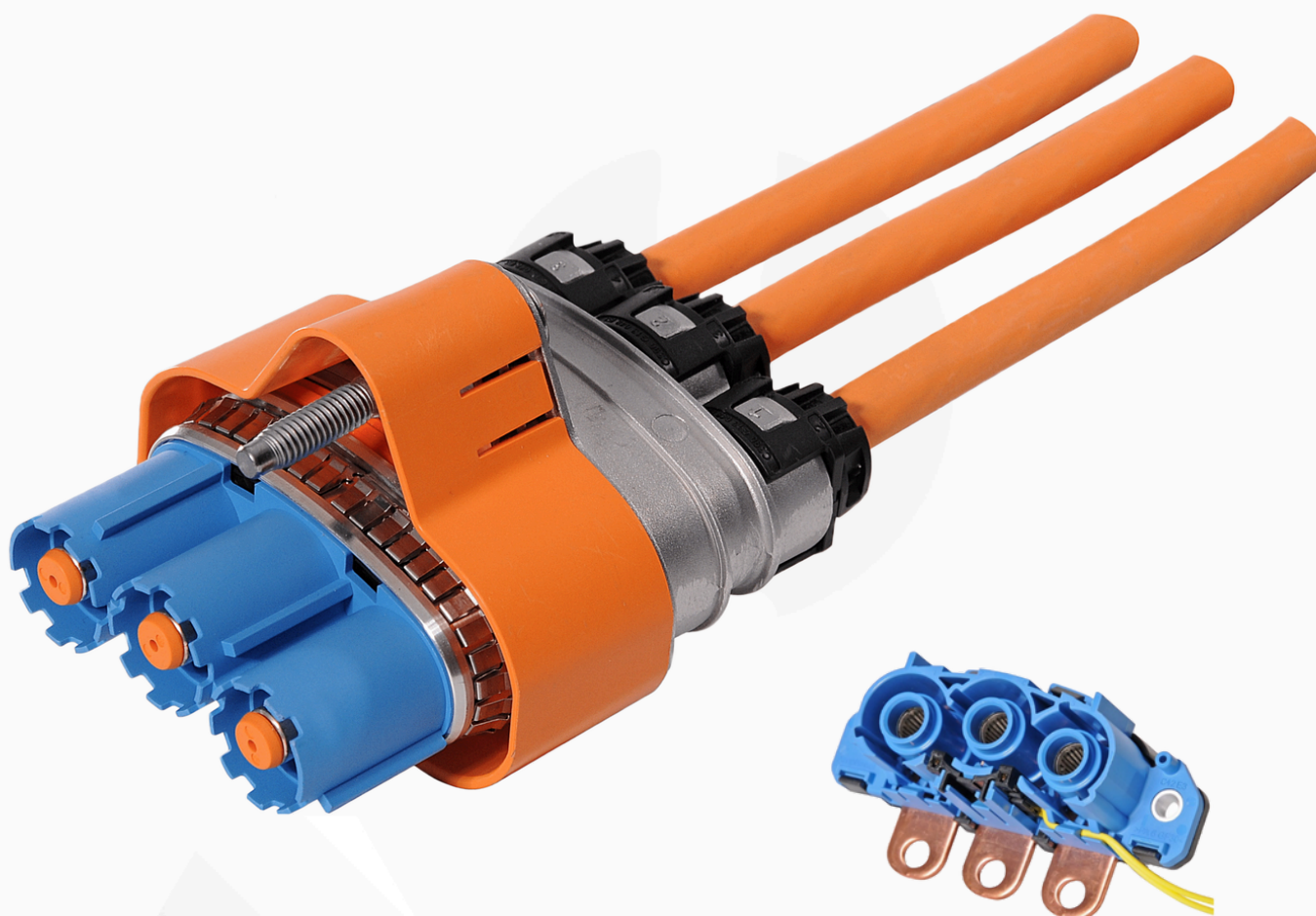


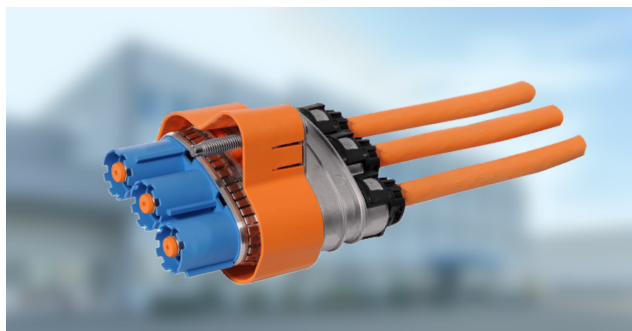
Amphenol Automotive

Amphenol-Tuchel Electronics GmbH



8mm 180° HEAVYSOK® - 3SC

C390 3103 XH22 20XX



PRODUCT CHARACTERISTICS

Mating design	robust flange connection for M6 screw
Terminal System	- 3 x Ø 8.0 mm pin; silver plated - 2 x 1.2 mm HVIL contact system as jumper; silver plated
Power Termination Technology	resistance brazing, ultrasonic welding
General Characteristics	- touch-proof - applicable for common shield - sealed in mated condition acc. IP 6K9K - connector supplied in kit form (optional pig-tail) - five codings available
Corresponding Receptacle	- C390 3M03 XH22 400X - Ø 8.0 mm RADSOK® contact system; silver plated - power contact pitch 20.38 mm - HVIL contact pitch 17.4 mm

DESIGN DETAILS

Housing material	aluminum alloy
Contact material	copper
Cable cross section	3 x 35mm ² , 3 x 50mm ²
RFI/EMI protection	applicable for common shield

PERFORMANCE CHARACTERISTICS

Vibration class	V3 (acc. to USCAR 2 Rev.06)
Mating force	less than 75 N
Current profile (85°C)	230A with 50mm ²
Current profile (105°C)	200A with 50mm ²
Current profile (125°C)	160A with 50mm ²
Rated voltage	max. 800 V
environmental temperature range	-40°C to +125°C