QHT01E Push-Pull High-Power EV Connectors, 130 A

Push-pull · 130 A · 600 VAC · color-keyed



Current rating	80–130 A
Contacts	1
Working voltage	600 VAC
Protection	IP67 (mated)
Mating cycles	≥ 500

Key features

- Push-pull quick coupling
- Ø 8 mm crown-spring silver-plated contact
- Five colors: black, green, blue, red, yellow
- -01 version adds mechanical keying
- Receptacles for crimp, bus-bar or threaded connection
- EMI shielded; harnesses to order

Specifications

Electrical

Parameter	Value	Condition
Rated voltage	600 VAC	
Rated current	80 A / 130 A	20 mm² / 35 mm² cable
Withstanding voltage	2500 VAC	
Contact resistance	0.2 mΩ	
Insulation resistance	≥ 5000 MΩ	

Mechanical and environmental

Parameter	Value	Condition
Durability	≥ 500 mating cycles	
Vibration	10–2000 Hz, 196 m/s²	Interruption ≤ 1 µs
Shock	980 m/s²	
Operating temperature	–55 to +110 °C	
Protection	IP67	Mated

Request a quote or drawing: https://sinoxh.com/request-a-quote/?product=QHT01E