



INDUSTRIAL & COMMERCIAL TRANSPORTATION SERIES BRIEF

Rugged Single-Pole Power Interconnect Solution

TE Connectivity's DEUTSCH DTSK connectors are easy-to-use, single-pole connectors designed for power applications. They can be used either inline or as a pass-through with an optional mounting flange. These heavy-duty thermoplastic connectors accept size Ø8mm contacts that are rated up to



Featured:

DEUTSCH DTSK CONNECTORS

SPECIFICATIONS

Current Rating:

125 amps using 35mm² wire

Immersion:

IP68 & IP69K

Maximum Voltage:

250VAC/VDC

Operating Temperature:

-55°C to +125°C

Additional Information:

- Product Specification, 108-151027
- Application Specification (Connector System), 114-151028
- Application Specification (Contacts), 114-151039

125 amps. Designed with ease of use and simplicity in mind, DEUTSCH DTSK connectors feature latch-style mating and an integrated secondary lock. Single wire seals and a rear protective cover are designed to prevent dirt, dust and moisture from contaminating connections. For applications that require a rugged and environmentally-sealed power connector, the DEUTSCH DTSK connectors are a reliable solution.

Common Part Numbers

Here are some of the common part numbers for DEUTSCH DTSK connectors and related products.



Description	Part Number
Plug housing, Key A, gray	DTSK06-1-08SA
Plug housing, Key B, black	DTSK06-1-08SB
Plug housing, Key C, brown	DTSK06-1-08SC



Receptacle housing, Key A, gray	DTSK04-1-08PA
Receptacle housing, Key B, black	DTSK04-1-08PB
Receptacle housing, Key C, brown	DTSK04-1-08PC



Pin contact, Ø8mm, 4AWG (25mm ²) wire*	SRK-PC-080-25-601
Pin contact, Ø8mm, 2AWG (32mm ²) wire*	SRK-PC-080-32-601
Pin contact, Ø8mm, 35mm ² wire*	SRK-PC-080-35-601
Socket contact, 8mmØ, 4AWG (25mm ²) wire*	SRK-SC-080-25-601
Socket contact, 8mmØ, 2AWG (32mm ²) wire*	SRK-SC-080-32-601
Socket contact, 8mmØ, 35mm ² wire*	SRK-SC-080-35-601

* CONTACTS ARE CRIMPED USING NFC 20.130 STANDARD CRIMP TOOLS



Wire seal, 4AWG (25mm ²) wire, 8.17-9.66mm [0.322-0.380"] insulation, Blue	WS-25-001 (2289241-1)
Wire seal, 2AWG (32mm ²) wire, 9.49-10.52mm [0.374-0.414"] insulation, Red	WS-32-001 (2289242-1)
Wire seal, 35mm ² wire, 10.59-11.59mm [.417-.456"] insulation, Green	WS-35-001 (2289243-1)



Mounting flange**	DTSKF-1 (2289235-1)
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** REQUIRES SEPARATE AS568-212 O-RING FOR PROPER MOUNTING FIT

Removal tool	DT-RT1
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