

H4 PLUS SOLID AND S&F CONTACT INTERMATEABILITY STATEMENT

Dear Customer,

Hereby Amphenol Technology Shenzhen confirms that the Amphenol H4 Plus connector with S&F and CF (cold formed) contacts are fully interchangeable and intermateable between each other.

The interface design is fully controlled by Amphenol and validation has been confirmed by internal testing.

The above statement refers to the following part numbers:

CABLE CONNECTORS FEMALE

CABLE SIZE	COLD FORMED CONTACT VERSION	STAMPED AND FORMED CONTACT VERSION
AWG 14/2,5MM ²	H4SFC2DM	H4SFC2DMS
AWG 12/4,0MM ²	H4SFC4DM	H4SFC4DMS* ¹ / HH4SFD4TMS* ³
AWG 10/6,0MM ²	H4SFC6DM	H4SFC4DMS* ¹ / HH4SFD4TMS* ³
AWG 8/10MM ²	H4SFC8DM* ²	HH4SFD8TMS* ²

CABLE CONNECTORS MALE

CABLE SIZE	COLD FORMED CONTACT VERSION	STAMPED AND FORMED CONTACT VERSION
AWG 14/2,5MM ²	H4SMC2DM	H4SMC2DMS
AWG 12/4,0MM ²	H4SMC4DM	H4SMC4DMS* ¹ / HH4SMD4TMS* ³
AWG 10/6,0MM ²	H4SMC6DM	H4SMC4DMS* ¹ / HH4SMD4TMS* ³
AWG 8/10MM ²	H4SMC8DM* ²	HH4SMD8TMS* ²

PANEL CONNECTORS FEMALE

CABLE SIZE	COLD FORMED CONTACT VERSION	STAMPED AND FORMED CONTACT VERSION
AWG 14/2,5MM ²	H4SFM2DM	H4SFM2DMS
AWG 12/4,0MM ²	H4SFM4DM	H4SFM4DMS* ¹
AWG 10/6,0MM ²	H4SFM6DM	H4SFM4DMS* ¹

PANEL CONNECTORS MALE

CABLE SIZE	COLD FORMED CONTACT VERSION	STAMPED AND FORMED CONTACT VERSION
AWG 14/2,5MM ²	H4SMM2DM	H4SMM2DMS
AWG 12/4,0MM ²	H4SMM4DM	H4SMM4DMS* ¹
AWG 10/6,0MM ²	H4SMM6DM	H4SMM4DMS* ¹

*1 The S&F versions do have one contact for both 4 and 6MM² cable

*2 H4SFC8DM ,H4SMC8DM are dual certified by UL6703 and IEC62852, rated current is 65A @85°C by IEC62852
HH4SFD8TMS, HH4SMD8TMS are certified by IEC62852 only, rated current is 55A@85°C by IEC62852.

*3 HH4SFD4TMS, HH4SMD4TMS are certified by IEC62852 only, rated current is 41A@85°C for AWG 12/4MM² and 45A@85°C for AWG 10/6MM² by IEC62852.

Sincerely,

Amphenol Technology Shenzhen
Christina Zhang
Product Manager



Date, 09/01/2025