

Connector Technical Data

RECOMMENDED TORQUE FOR EPIC® ASSEMBLY SCREWS

Screw Size	Connector Assembly Part Example	Recommended Torque	
		Metric	U.S.
M3	HBE, HA Screw Terminals Insert Mounting Screws Guide Pin & Bushing	0.80 Nm	0.59 lb ft (7.08 in lbs)
M4	HD, HDD, HBE, HA Grounding Screw HBS Screw Terminal	1.50 Nm	1.11 lb ft (13.32 in lbs.)
M5	HBS Grounding Screw	2.50 Nm	1.84 lb ft. (22.13 in lbs.)
M6	MP 80A Screw Terminal	3.00 Nm	2.21 lb ft (26.52 in lbs)

* Recommended Torque per Contact GmbH.

Notes:

1. Use the table above to determine torque values that must be used for all screws. All values are metric based, thus torque calculated.
2. Please consult customer service with any additional questions.

CROSS REFERENCE FOR AWG (AMERICAN WIRE GAUGE) TO MM²

AWG	MM ²	AWG	MM ²
30	0.05	8	10
28	0.08	6	16
26	0.14	4	25
24	0.25	2	35
22	0.34	1	50
21	0.38	2/0	70
21	0.50	3/0	95
20	0.50	4/0	120
19	0.75	300 KCMIL	150
18	1.0	350 KCMIL	185
16	1.5	500 KCMIL	240
14	2.5	600 KCMIL	300
12	4	750 KCMIL	400
10	6	1,000 KCMIL	500