

Pre-Earth Series/FMLB



FIRST-MATE, LAST-BREAK (FMLB) CONNECTOR THAT INTERMATES WITH MIL-DTL-5015

Amphenol's DL Pre-Earth /FMLB (first-mate, last-break) connectors are designed for applications where a protective circuit from the ground contact to the shell is a safety requirement. These connectors provide a path for stray voltage to be shunted to a safe ground to avoid damage to sensitive equipment or harm to operators.

- Intermateable with AIT, MIL-DTL-5015 & 97 series
- UL-listed

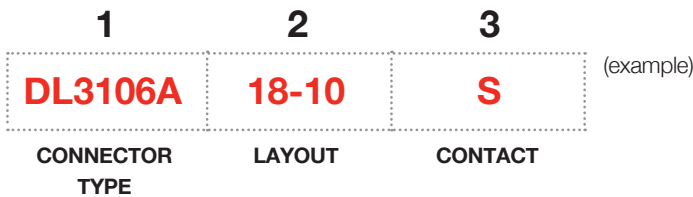
APPLICATIONS

- Power generators
- Engines
- Sensors
- Motion control
- Off-road vehicles
- Earth-moving equipment
- Ships
- Mobile equipment
- Industrial machinery
- Telecommunications

FEATURES

- Conformity with European (CE) safety standards (DIN VDE 0627 and certified through TUV Product Service GmbH) in the approved insert arrangement
- Offered in shell styles: 3102A box mount and 3106A straight plug
- Intermateable with AIT, MIL-DTL-5015 and 97 styles
- Class IP67 protection when mated
- UL-listed file # E202200
- Pre-earth (ground contact) design
- First-mate/last-break capability

CREATE YOUR PART NUMBER USING THESE THREE STEPS



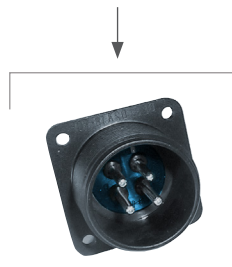
STEP 1: SELECT SHELL STYLE

PLUGS



DL3106A
Plug

RECEPTACLES



DL3102A
Box Mount Receptacle

STEP 2: SELECT LAYOUT

LAYOUT	MATING VIEW OF PIN INSERT	TOTAL CONTACTS	CURRENT RATING (AMPS)		
			13A	23A	46A
			CONTACT SIZE		
			16	12	8
10SL-3		3	3	-	-
18-10		4	-	4	-
18-12		6	6	-	-
20-15		7	-	7	-
22-22		4	-	-	4
24-106*		7	-	-	7
24-10		7	-	-	7

• Indicates Pre-Earth contact only

*Pre-Earth contact in plug

STEP 3: SELECT CONTACT

→ **P = Pin** **S = Socket**