

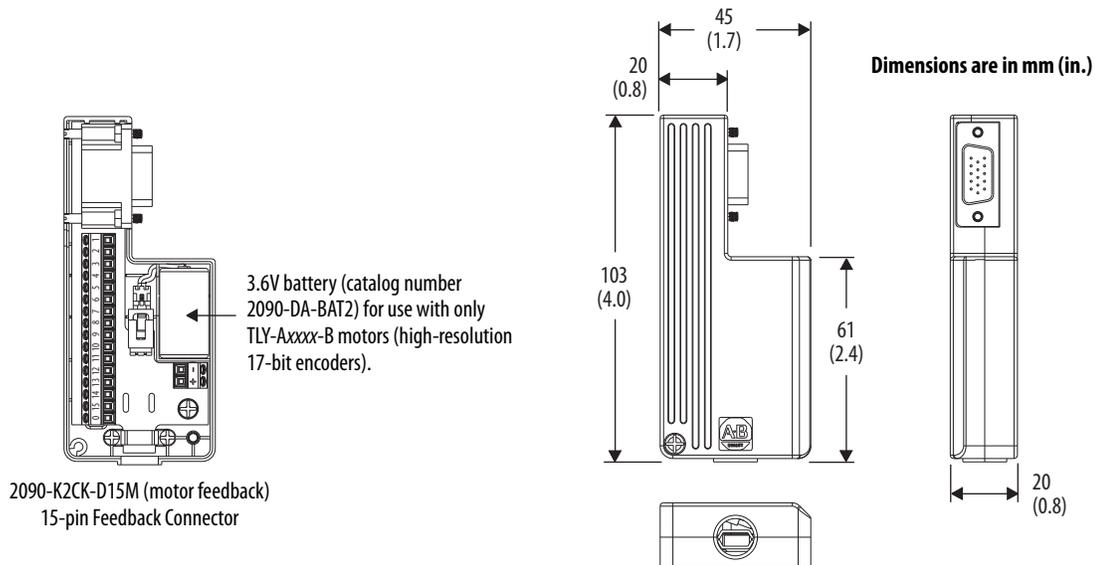
Low-profile Connector Kit Components

Low-profile connector kits are designed for use with the Kinetix 300/350, Kinetix 6000, Kinetix 6200/6500, Kinetix 2000, and Kinetix 7000 drives, and LIM modules. Use this table to identify the low-profile connector kit for your feedback or I/O connector.

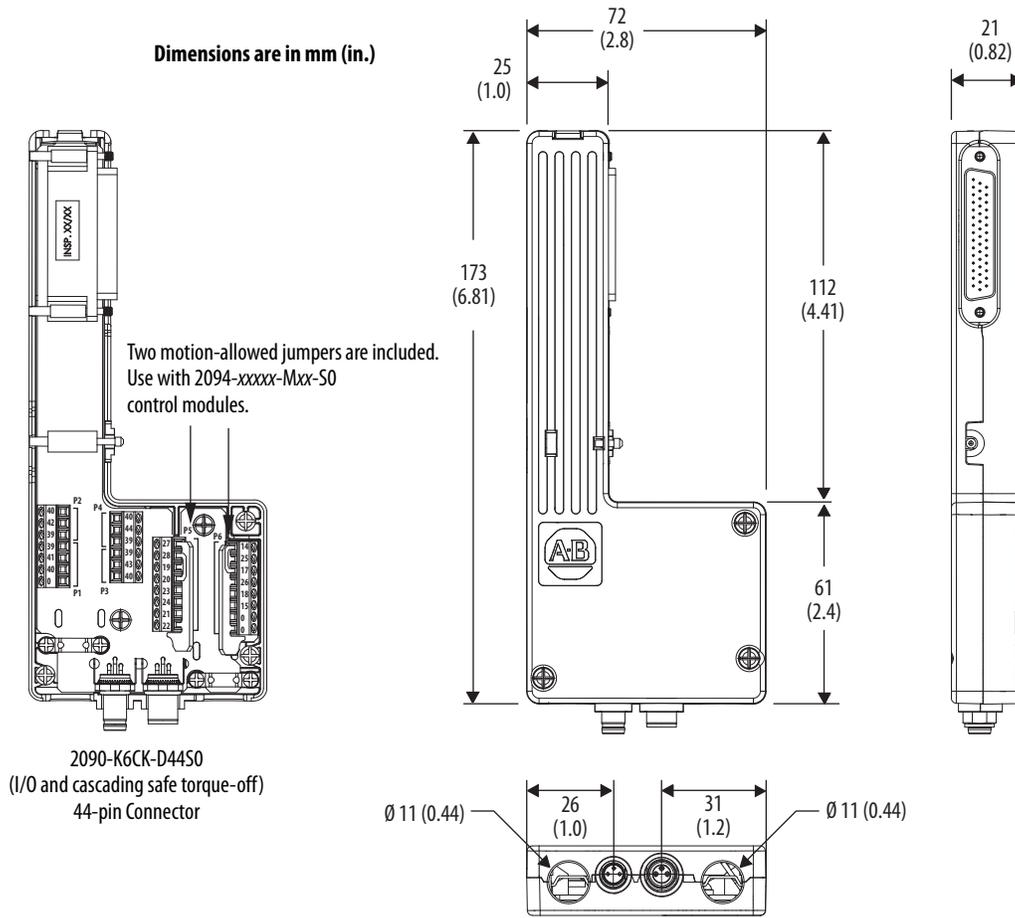
IMPORTANT		The flying-lead compatible cables listed below require connector kits to complete feedback and I/O connections to the drive.
Cat. No.	Description	Cable Compatibility
2090-K2CK-D15M	Low-profile connector kit for motor feedback (15-pin, male, D-sub). Use with any Kinetix 2000 IAM/AM module or Kinetix 300/350 drive and compatible motors with incremental or high-resolution feedback. Does not include 3.6V battery (catalog number 2090-DA-BAT2) required for use with TLY-Axxxx-B high-resolution motors and 17-bit encoders.	2090-XXNFMF-Sxx 2090-CFBM4DF-CDAFxx 2090-CFBM7DF-CEAFxx 2090-CFBM7DF-CEAFxx 2090-CFBM7DF-CDAFxx 2090-CFBM6DF-CBAAXx
2090-K2CK-COMBO	Low-profile connector kit for motor feedback (15-pin, male, D-sub) and IO (44-pin, male, D-sub). Use with any Kinetix 2000 IAM/AM module and compatible motors with incremental or high-resolution feedback. Does not include 3.6V battery (catalog number 2090-DA-BAT2) required for use with TLY-Axxxx-B high-resolution motors and 17-bit encoders. The 2090-K2CK-COMBO kit, mounted on the Kinetix 2000 (IAM/AM) drive, fits in a standard 10 in. enclosure.	
2090-K6CK-D15M	Low-profile connector kit for motor feedback (15-pin, male, D-sub). Use with any Kinetix 6000, Kinetix 6200/6500, or Kinetix 7000 drive and compatible motors with incremental or high-resolution feedback.	
	Low-profile connector kit for motor feedback (15-pin, male, D-sub). Use with any Kinetix 6000 IAM/AM module and MPL-Bxxxx-R or MPM-A/Bxxxx-2 (resolver feedback) motors.	2090-CFBM7DF-CEAFxx 2090-CFBM7DF-CEAFxx
2090-K6CK-D15F	Low-profile connector kit for auxiliary feedback (15-pin, female, D-sub). Use with any Kinetix 6000 IAM/AM module or Kinetix 7000 drive auxiliary feedback application.	
2090-K6CK-D26M	Low-profile connector kit for I/O (26-pin, male, D-sub). For use with any Kinetix 6000 IAM/AM module, Kinetix 7000 drive, or 2094-AL09 and 2094-BL02 LIM module.	Customer supplied
2090-K6CK-D44M	Low-profile connector kit for I/O, safety, and auxiliary feedback (44-pin, male, D-sub). For use with any Kinetix 6200 or Kinetix 6500 control module.	
2090-K6CK-D44S0	Low-profile connector kit for I/O and cascading safe torque-off signals (44-pin, male, D-sub). For use with any Kinetix 6200 or Kinetix 6500 (safe torque-off, -S0 control module). Refer to Kinetix 6200 and Kinetix 6500 Safe-off Components on page 91 for example diagrams.	2090-CS0SDS-AAxx

Dimensions - Low-profile Connector Kits

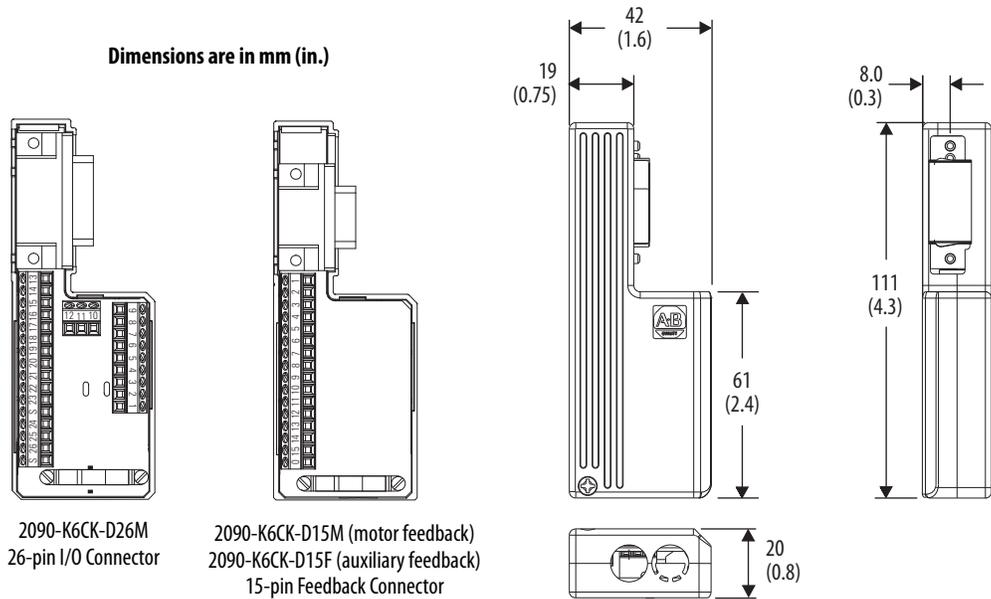
Catalog Number 2090-K2CK-D15M



Catalog Number 2090-K6CK-D44S0



Catalog Numbers 2090-K6CK-D26M, 2090-K6CK-D15M, 2090-K6CK-D15F



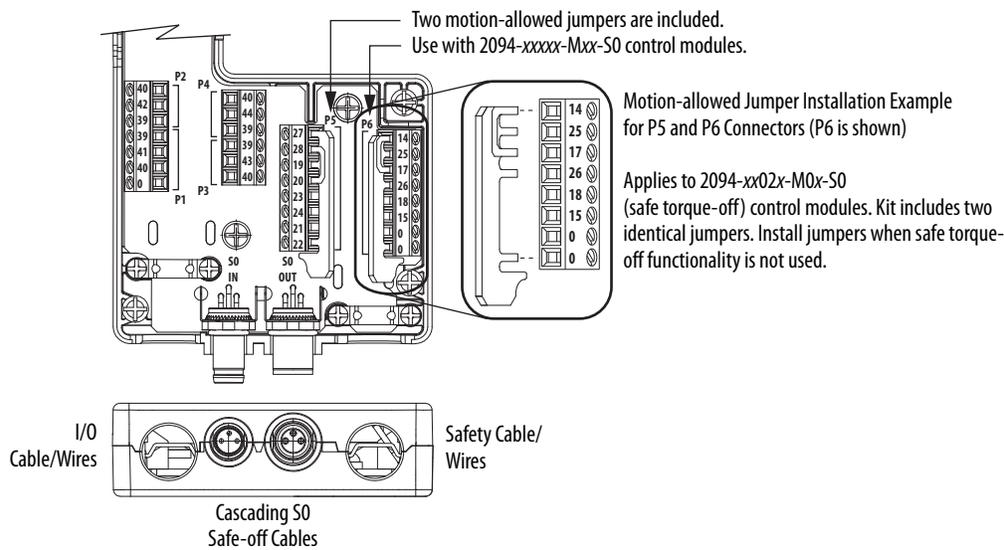
Kinetix 6200 and Kinetix 6500 Safe-off Components

Kinetix 6200 and Kinetix 6500 drive families share these safe torque-off connector kits and cables.

Catalog Numbers - Kinetix 6200 and Kinetix 6500 Safe Torque-off Components

Cat. No.	Description
2090-K6CK-D44S0	Low-profile connector kit for I/O and cascading safe torque-off connections from drive-to-drive (44-pin, male, D-sub). For use with any Kinetix 6200 or Kinetix 6500 safe torque-off (catalog number 2094-xx02x-M0x-S0) control module.
2090-CS0SDS-AA02	Drive-to-drive safety cable for connecting single-wide Kinetix 6200 and Kinetix 6500 drives.
2090-CS0SDS-AA03	Drive-to-drive safety cable for connecting double-wide Kinetix 6200 and Kinetix 6500 drives.
2090-CS0SDS-AA10	Drive-to-drive safety cable for connections between two Bulletin 2094 power rails with Kinetix 6200 and Kinetix 6500 drives.

Kinetix 6200/6500 I/O and Cascading Safe Torque-off Low-profile Connector Kit Example



In this example, three safe torque-off drives are shown using the Bulletin 2090 low-profile connector kit and cables. The right-angled cable connectors are keyed to exit left as shown. Cables loop back and cascade to the next drive or other cascading device. Refer to Low-profile Connector Kit Components on [page 65](#) for more information.

Kinetix 6200/6500 Cascading Safe Torque-off Cable Example

