KINETIX 6000

Product Data Sheet

2094-BM01-S

Safe-Torque-Off Axis Module

VOLTAGE CLASS	CONTINUOUS OUTPUT POWER	POWER-RAIL FAMILY	POWER STAGE ARRANGEMENT
400 V	**3.9 kW**	**Bulletin 2094**	**Axis module supplied from DC power rail**

Allen-Bradley 2094-BM01-S is a 400 V-class Kinetix 6000 axis module with Safe Torque Off. It provides 3.9 kW continuous output power within a Bulletin 2094 multi-axis installation and receives its DC power through the power rail associated with the integrated axis module.

01 TECHNICAL DATA

Voltage class	400 V
Continuous output power	3.9 kW
Power-rail family	Bulletin 2094
Power stage arrangement	Axis module supplied from DC power rail
Safety function	Safe Torque Off
Standard peak mode	150%
Enhanced peak mode	250%
Enhanced-peak hardware requirement	Series B or later
Enhanced-peak firmware minimum	1.111
Enhanced-peak software minimum	RSLogix 5000 version 16

Allen-Bradley 2094-BM01-S; applicable product and connection sections.

02 ADDITIONAL PRODUCT DATA

Motion network	Sercos optical interface

03 PRODUCT FUNCTION

The module operates in the Kinetix 6000 Sercos motion arrangement. Standard peak operation is 150%; enhanced 250% peak operation depends on series B or later hardware, firmware 1.111 or later and RSLogix 5000 version 16 or later. The axis module is not a standalone incoming AC supply unit, and its safety connections form part of the complete machine safety design.

04 SYSTEM COMPATIBILITY

Connect the Sercos optical path, motor and feedback circuits using the applicable Kinetix 6000 wiring instructions. Configure the axis and motor data in the motion project, and check hardware, firmware and engineering-software versions before enabling enhanced peak operation.

05 REFERENCE

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