CONTROLLOGIX INTEGRATED MOTION

# Product Data Sheet

## 1756-M16SE/A

16-axis SERCOS interface motion module

| FUNCTION | FAMILY | ORIGIN | WEIGHT |
|---|---|---|---|
| **16-axis SERCOS interface motion modu** | **ControlLogix Integrated Motion** | **United States** | **0.28 kg** |

Allen-Bradley 1756-M16SE/A is a chassis-based SERCOS motion interface module for the ControlLogix Integrated Motion. The values below are limited to the exact documented article.

## 01 VERIFIED TECHNICAL DATA

| | |
|---|---|
| Maximum drives | 16 |
| SERCOS data rate | 4 or 8 Mbps |
| Cycle time at 4 Mbps | 0.5 ms to 2 ms by drive count |
| Cycle time at 8 Mbps | 0.5 ms to 2 ms by drive count |
| Drive control modes | Position, velocity and torque |
| Backplane current at 5.1 V DC | 760 mA |
| Backplane current at 24 V DC | 2.5 mA |
| Power dissipation | 5.0 W |
| Slot width | 1 slot |
| Module location | Any slot in 1756 chassis |

Technical values are limited to the exact manufacturer record and applicable official manual.

## 02 ADDITIONAL PRODUCT DATA

| | |
|---|---|
| Fiber interface | Digital SERCOS ring |
| Operating temperature | 0 to 60 °C |
| Storage temperature | -40 to 85 °C |
| Relative humidity | 5 to 95% noncondensing |
| Operating vibration | 2 g at 10 to 500 Hz |

## 03 OFFICIAL APPLICATIONS

- n: d
- u: t
- a: t

## 04 SYSTEM COMPATIBILITY

Match 1756-M16SE/A to the installed ControlLogix Integrated Motion, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

## 05 OFFICIAL SOURCES

**Rockwell Automation technical documentation for 1756-M16SE/A**

https://literature.rockwellautomation.com/

**AMIKON PRODUCT SUPPORT**

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