

## ALLEN-BRADLEY KINETIX 350

# 2097-V34PR6-LM

480 V-class single-axis EtherNet/IP servo drive

## Verified catalog data

|                    |                                             |
|--------------------|---------------------------------------------|
| Manufacturer       | Allen-Bradley                               |
| Catalog number     | 2097-V34PR6-LM                              |
| Product family     | Kinetix 350                                 |
| Product type       | EtherNet/IP Servo Drive                     |
| AC input           | 320...528 V rms three-phase                 |
| Input frequency    | 48...62 Hz                                  |
| Main input current | 7.9 A rms                                   |
| Maximum inrush     | 22.6 A 0-pk                                 |
| Control backup     | 20...26 V DC; 500 mA nominal                |
| Continuous output  | 6.0 A rms; 8.5 A 0-pk                       |
| Peak output        | 18.0 A rms; 25.5 A 0-pk for up to 2 seconds |
| Output power       | 3.0 kW at 480 V                             |
| Weight             | 1.8 kg                                      |
| Maximum power loss | 99 W                                        |

## Configuration and replacement checks

|                         |                                         |
|-------------------------|-----------------------------------------|
| Hardware series         | Series A                                |
| Recommended line filter | 2097-F2 side-mount AC line filter       |
| Passive shunt           | 2097-R6, 75 $\Omega$ , 150 W continuous |
| Drive firmware          | Kinetix 350 firmware revision 2.004     |
| Lifecycle               | Discontinued; 2023-08-04                |
| Engineering replacement | 2198-C4020-ERS                          |

### Application checkpoints

- Confirm the Logix motion controller, EtherNet/IP topology, Studio 5000 version, drive firmware, and axis configuration.
- Verify the motor-feedback combination, motor-power connector, cable set, line filter, shunt resistor, grounding, and Safe Torque Off wiring.
- The 2198-C4020-ERS replacement requires engineered validation of electrical, feedback, network, mechanical, and safety differences.