S047059 MICROLOGIC 6.0 P

Electronic Trip Unit

PUBLISHED IDENTITY

Schneider Electric S047059 MICROLOGIC 6.0 P is an electronic trip unit identified as a Micrologic 6.0P ERMS control unit for compatible low-voltage circuit-breaker equipment. The 6.0P platform provides LSIG protection functions and local protection setup.

Technical snapshot

Product reference	S047059
Control-unit family	MICROLOGIC 6.0 P
Device class	Electronic circuit-breaker trip unit
Protection profile	LSIG
Long-time protection	Included
Short-time protection	Included
Instantaneous protection	Included
Ground-fault protection	Included

Verified related ApterPower product pages

Schneider Electric BMXNOC0401

Schneider Electric 140XBE10000

Engineering data

Official evidence organized for exact-model review

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Device class	Electronic circuit-breaker trip unit
Protection profile	LSIG
Long-time protection	Included
Short-time protection	Included
Instantaneous protection	Included
Ground-fault protection	Included
Maintenance function	ERMS supported on labeled 6.0P units
Service items	Rating plug and internal battery procedures documented

More verified ApterPower product pages

- Schneider Electric 140ACO13000
- Schneider Electric 140AII33010
- Schneider Electric 140ARI03010
- Schneider Electric 140ATI03000
- Schneider Electric 140AVO02000
- Schneider Electric 140CHS11000

EVIDENCE BOUNDARY

Confirm S047059, the complete MICROLOGIC 6.0 P marking, breaker frame, sensor rating and ERMS arrangement before installation or setup.

Applications and system role

Four distinct documented operating contexts

CIRCUIT-BREAKER PROTECTION

Applies the approved LSIG protection settings for a compatible breaker and installation.

ERMS MAINTENANCE OPERATION

Provides a separate reduced protection setting during an authorized maintenance procedure.

PROTECTION-EVENT REVIEW

Supports local inspection of trip, alarm and operating information through the Micrologic display.

INSTALLED TRIP-UNIT REPLACEMENT

Restores the documented breaker protection arrangement after settings and hardware compatibility are verified.

Integration control

The Micrologic 6.0P platform combines LSIG protection with metering, alarm and event functions described in Schneider Electric's product literature. ERMS applies a separate maintenance protection setting so that an equipped breaker can trip faster during authorized energized work; the blue ERMS indication must be checked before work begins. Preserve the breaker frame, sensor rating, rating plug, protection settings, communication arrangement and existing trip history before exchanging the control unit.

Verified related ApterPower product pages

Schneider Electric 140DDM39000

Schneider Electric 140CPU53414A

Technical questions

Complete model-specific answers from the approved evidence set

What role does S047059 MICROLOGIC 6.0 P perform?

S047059 MICROLOGIC 6.0 P serves as an electronic trip unit that applies the approved protection settings in a compatible low-voltage circuit breaker.

Which protection functions belong to the Micrologic 6.0P profile?

The Micrologic 6.0P profile provides long-time, short-time, instantaneous and ground-fault protection, commonly abbreviated as LSIG.

How does ERMS change operation on a MICROLOGIC 6.0 P unit?

ERMS substitutes a separate set of maintenance protection settings so that an equipped breaker can clear a short circuit more quickly during authorized work.

What indicates that ERMS is engaged?

A blue ERMS indication identifies that the maintenance setting is engaged on a correctly equipped Micrologic 6.0P arrangement.

Which records should be saved before replacing S047059?

Technicians should preserve the breaker identity, sensor and rating-plug data, LSIG settings, alarm configuration, communications setup and trip history.

Can settings from another breaker be copied without comparison?

Settings must not be copied until the breaker frame, sensor rating, rating plug, protection study and installed application have been verified as matching.

Which checks complete commissioning of MICROLOGIC 6.0 P?

Commissioning is complete after the approved settings are restored, Ready and ERMS indications are verified, trip testing passes and the final protection report is recorded.

Product precautions

Eight aligned controls before return to service

1. Record S047059, the complete MICROLOGIC 6.0 P marking and breaker identification.
2. Use the approved electrical safe-work and isolation procedure before handling the trip unit.
3. Export or transcribe every LSIG, alarm, metering and communication setting before removal.
4. Verify the breaker frame, sensor rating, rating plug and control-power arrangement.
5. Confirm the ERMS switch or I/O arrangement and check the blue ERMS indication.
6. Inspect the trip-unit connector, rating plug, battery and retention points before installation.
7. Restore the approved settings and perform the specified primary or secondary injection tests.
8. Document the final settings, indications, trip results and return-to-service authorization.

Verified related ApterPower product pages

- Schneider Electric 140XBP01000
- Schneider Electric 140NOE77110
- Schneider Electric 140DDO36400
- Schneider Electric 140DDO35301

Evidence and support

Manufacturer references, related products and direct contact

Manufacturer evidence used

- Schneider Electric MicroLogic 5.0P and 6.0P Electronic Trip Units User Guide, document 48049-137-06.
- Schneider Electric ERMS guidance for Micrologic 6.0P and 6.0H trip units, FAQ FA325579.
- Exact-reference catalog cross-check identifying S047059 as a MICROLOGIC 6.0 P ERMS control unit.

Verified related ApterPower product pages

Schneider Electric 140DDI35310

Schneider Electric 140CRA21220

Schneider Electric 140CRP93200

Schneider Electric 140XTS00200

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