ETM-IS31-001

01 / Exact component identity

ETM-IS31-001 is the intrinsically safe battery pack listed for the Expo electronic timer arrangement. It is a replaceable pack, separate from the AGE-GE00-168 electronic timer assembly.

Replaceable boundary

The battery pack connects to the existing electronic timer

Inspection focus

Match the pack marking, timer revision and equipment variant

Service sequence

Controlled access, pack exchange and renewed commissioning

Fault isolation

If timing still fails, continue diagnosis beyond the battery pack

Documented equipment boundary

D818 arrangement

The Expo D818 service and spare-parts instructions identify this pack for the electronic timer. Use the installed timer configuration to establish the actual service path.

Ex Print variants

The Ex Print spare-parts list limits the battery pack reference to PR-1xE-A and PR-1xE-G versions. Do not extend this statement to another version from a similar case or connector.

Service interval

The D818 maintenance schedule calls for replacement of the timer battery at least every three years.

Purge state

The pack must not be exchanged during an active purge cycle.

The service interval and purge-cycle steps refer to the documented D818 procedure; Ex Print applicability is limited to the listed PR variants. Exact battery ratings and certification markings require the supplied unit label.

ETM-IS31-001

02 / Service and engineering decisions

Physical change

Use the documented retaining screws and plug connection; avoid loading or damaging the timer assembly.

Return to service

Repeat the D818 commissioning tests and confirm the full purge cycle completes.

If purging starts but fails to complete, a discharged electronic timer battery is one documented possible cause. Evaluate the other listed causes before attributing the fault to the pack.

Is ETM-IS31-001 the same part as the electronic timer assembly?

No. Expo lists ETM-IS31-001 as the IS battery pack and AGE-GE00-168 as a separate electronic timer assembly. Diagnose which component requires replacement.

Which Ex Print variants identify ETM-IS31-001 as the IS battery pack?

The Expo Ex Print spare-parts list identifies the PR-1xE-A and PR-1xE-G variants only. Check the complete installed printer variant before ordering.

What should be checked when reconnecting ETM-IS31-001 to the timer?

Follow the specified plug and retaining-screw procedure, check connector seating without forcing it, and inspect the timer and cable for damage before commissioning.

Technical basis: Expo Technologies D818 Electronic Timer user manual and Ex Print user manual.

Related product references

EXPO ETM-IS11-113

EXPO ETM-IS51-113

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