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IEC 60974-12

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INTERNATIONAL STANDARD

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Arc welding equipment –
Part 12: Coupling devices for welding cables

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

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ARC WELDING EQUIPMENT –

Part 12: Coupling devices for welding cables

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This edition includes the following significant technical changes with respect to the previous edition:

a) updated Table 1 to include 100 % duty cycle;

b) updated Annex A to provide more detail.

The text of this document is based on the following documents:

Draft	Report on voting
26/734/FDIS	26/736/RVD

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ARC WELDING EQUIPMENT –

Part 12: Coupling devices for welding cables

1 Scope

This part of IEC 60974 is applicable to COUPLING DEVICES for cables used in arc welding and allied processes, designed for connection and disconnection without using tools.

This part of IEC 60974 specifies safety and performance requirements of COUPLING DEVICES.

This part of IEC 60974 is not applicable to COUPLING DEVICES for underwater welding.

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Arc welding equipment –
Part 12: Coupling devices for welding cables

Matériel de soudage à l'arc –
Partie 12: Dispositifs de connexion pour câbles de soudage

IEC 60974-12:2022-07(en-fr)

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ARC WELDING EQUIPMENT –

Part 12: Coupling devices for welding cables

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Partie 12: Dispositifs de connexion pour câbles de soudage

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Cette édition inclut les modifications techniques majeures suivantes par rapport à l'édition précédente:

a) mise à jour du Tableau 1 pour inclure le facteur de marche de 100 %;
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MATÉRIEL DE SOUDAGE À L'ARC –

Partie 12: Dispositifs de connexion pour câbles de soudage

1 Domaine d'application

La présente partie de l'IEC 60974 s'applique aux DISPOSITIFS DE CONNEXION pour câbles utilisés lors du soudage et des techniques connexes conçus pour assurer les opérations de connexion et de déconnexion sans emploi d'outils.

La présente partie de l'IEC 60974 spécifie les exigences de sécurité et de performance pour les DISPOSITIFS DE CONNEXION.

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IEC 60974-1:2021, *Matériel de soudage à l'arc – Partie 1: Sources de courant de soudage*