

OMRON

MODEL S8VK-R Redundancy Unit
EN INSTRUCTION MANUAL**DE Bedienungsanleitung****FR Manuel d'instructions**

Thank you for purchasing the S8VK-R.
This Instruction Manual describes the functions, performance, and application methods required to use the S8VK-R.

• Make sure that a specialist with electric knowledge operates the S8VK-R.

• Read and understand this Instruction Manual, and use the product with enough understanding.

Keep this Instruction Manual close at hand and use it for reference during operation.

Herzlichen Glückwunsch zum Kauf des S8VK-R.

Diese Bedienungsanleitung beschreibt die Funktionen, Leistungen und Anwendungsmethoden, die für den Betrieb des S8VK-R erforderlich sind.

• Vergewissern Sie sich, dass das S8VK-R von Elektro-Fachleuten bedient wird.

• Lesen Sie diese Bedienungsanleitung sorgfältig durch und vergewissern Sie sich vor dem Betrieb, alle Verständnis zu haben.

Heben Sie die Bedienungsanleitung griffbereit auf und nutzen Sie sie während des Betriebs als Referenz.

Nous vous remercions d'avoir fait l'acquisition de la S8VK-R.

Ce manuel d'instructions apporte une description des fonctions, des performances et des méthodes d'application nécessaires à son utilisation.

• Assurez-vous qu'un spécialiste ayant une bonne connaissance de l'électricité soit chargé de sa manipulation.

• Veillez lire attentivement ce manuel d'instructions et vous assurer d'avoir bien compris le fonctionnement de l'appareil avant de l'utiliser.

Gardez ce manuel à portée de main et utilisez-le comme référence pendant son utilisation.

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CAUTION

• CAUTION : FOR USE IN A CONTROLLED ENVIRONMENT REFER TO MANUAL FOR ENVIRONMENTAL CONDITIONS.

• ATTENTION : POUR UTILISATION EN ATMOSPHERE CONTRÔLÉE. CONSULTER LA NOTICE TECHNIQUE.

Refer to the following table for the suitable wire diameters for the terminal block.

Applicable Wire Diameter for Terminal Blocks

Connect wires of the recommended diameter or larger to ensure safety.

Model AWG Solid wire Twisted wire

S8VK-R10 AWG24 to 12 0.25 to 4mm² 0.25 to 2.5mm²

S8VK-R20 AWG22 to 10 0.35 to 6mm² 0.35 to 4mm²

Output AWG12 to 12 2.5 to 4mm² 2.5mm²

S8VK-R20 AWG12 to 10 4 to 6mm² 4mm²

Signal output S8VK-R:□ AWG16 1.5mm² —

All terminals wires to be stripped: 8mm

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3. On rare occasions there is a risk of internal element deterioration and damage if use is continued in a short-circuit or over-current state.

4. Do not apply more than 75N force to the terminal block when tightening it.

5. Use within a range that does not exceed the output current rating. When a load short-circuit occurs, the short-circuit current of two power supply units flows. Use output wiring that can handle the short-circuit current of two units. If the wiring does not have sufficient current capacity, connect a fuse on the output side.

Recommended fuse R10: 15A, R20: 30A Fast-acting type

If the current rating of the output terminal is exceeded on the S8VK-R20, always use multiple terminals simultaneously.

6. Risk of damage to internal components. Do not use in a state that exceeds the rated current of the signal output.

Refer to the following table for the suitable wire diameters for the terminal block.

Applicable Wire Diameter for Terminal Blocks

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Recommended fuse R10: 15A, R20: 30A Fast-acting type

If the current rating of the output terminal is exceeded on the S8VK-R20, always use multiple terminals simultaneously.

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形 S8VK-R 元長ユニット

JPN 取扱説明書
CHN 使用说明书
IT MANUALE DIISTRUZIONI
ES MANUAL DE INSTRUCCIONES

この度は、S8VK-R をお買い上げいただきまして、まことにありがとうございます。
この取扱説明書では、S8VK-R を使用する上で、必要な機能、性能、使用方法などの情報を記載しております。

S8VK-R をご使用に際して以下のことを守ってください。

・S8VK-R は電気の知識を有する専門家が扱ってください。

・この取扱説明書をよくお読みになり、十分にご理解のうえ、正しくご使用ください。

この取扱説明書はいつでも参照できるよう大切に保管ください。

感謝您购买了 S8VK-R 的产品。

此说明书中记载了 S8VK-R 使用时的功能、性能及使用方法。

• 请由具备电气知识的人员来操作 S8VK-R。

• 请充分阅读并理解本使用说明书的内容之后，再正确使用本产品。

请妥善保管本使用说明书以便作参考。

Grazie per aver acquistato l'S8VK-R. Nel presente Manuale di istruzioni vengono descritte le funzioni, le prestazioni e i metodi applicativi necessari per l'uso di S8VK-R.

• L'S8VK-R deve essere manovrato da personale esperto con conoscenze in campo elettrico.

• Leggere a fondo il presente Manuale di istruzioni e verificare di aver compreso il funzionamento del prodotto prima dell'uso.

Tenere il presente Manuale di istruzioni a portata di mano e utilizzarlo come riferimento durante il funzionamento del prodotto.

Gracias por comprar el S8VK-R. Este manual de instrucciones describe el funcionamiento, el rendimiento y los métodos de aplicación necesarios para utilizar el S8VK-R.

• Asegúrese que la persona que utiliza el S8VK-R sea un especialista que tiene los conocimientos de electricidad necesarios.

• Lea este manual de instrucciones e asegúrese de entender el funcionamiento del aparato antes de utilizarlo.

Conservate este manual de instrucciones a mano y consúntelo mientras utilice el producto.

オムロン株式会社

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JPN 取扱説明書

CHN 使用说明书

IT MANUALE DIISTRUZIONI

ES MANUAL DE INSTRUCCIONES

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JPN 各部の名称

(1) 入力端子 1
(2) 入力端子 2
(3) 接地保護端子
(4) 出力端子
(5) 状態表示(冗長 OK: 緑)
(6) 状態表示(電圧パラランス: 緑)
(7) 信号出力(冗長 OK: フォースイッチ)

JPN 安全規格

以下 EN62477-1 に従います。

・電源入力端子と分岐出力端子は非絶縁です。

・過電流保護：なし

・機器は保護クラスIII

・動作条件：OK3

以下 UL508 に従います。

・汚染度 2 の環境で使用してください。

UL508 Listing 適合のための周囲温度 (Surrounding Air Temperature) 40°C です。

CHN 各部位名称

(1) 入力端子 1
(2) 入力端子 2
(3) 接地保護端子
(4) 出力端子
(5) 状態表示(冗長 OK: 緑)
(6) 状態表示(電圧パラランス: 緑)
(7) 信号出力(冗長 OK: 光電開閉)

JPN 安全規格

根据 EN62477-1 進行。

・電源输入端子と分支输出端子不是孤立的。

・过电压类别 II

・装置：保护级别 III

・大条件：3K3

根据 UL508

・在保持 2 度污染环境的箱体中使用。

UL508 周围空气温度识别：40°C

IT Nomenclatura

(1) Terminal de ingresso 1
(2) Terminal de ingresso 2
(3) Terminal de terra
(4) Terminal de saída
(5) Indicador de estado (ridondanza OK: verde)
(6) Indicador de estado (sistema de balanceamento da corrente: verde)
(7) Saída de sinal (ridondância OK: fotoelétrica)

IT Standard di sicurezza

Conforme con EN 62477-1

• I terminali di ingresso della corrente e quelli di uscita delle diramazioni non sono isolati.

• Dispositivo: classe di protezione III

• Condizioni atmosferiche: 3K3

Conforme con UL508

• Da utilizzare in un ambiente con livello di contaminazione 2 costante.

Temperatura dell'aria circostante per UL 508: 40°C

ES Descripción

(1) Terminal de entrada 1
(2) Terminal de entrada 2
(3) Terminal de tierra
(4) Terminal de salida
(5) Indicador de estado (verde: redundancia correcta)
(6) Indicador de estado (verde: equilibrio de tensión)
(7) Salida de señal (redundancia OK: foto de interruptor)

ES Normas de seguridad

Según EN 62477-1

• Las terminales de entrada de corriente y las terminales de salida de ramificación no están aisladas.

• Categoría de sobrevoltaje : II

• Dispositivo: Clase II de protección

• Condiciones atmosféricas: 3K3

Según UL508

• Utilícese en un recinto que mantenga un entorno de nivel de contaminación 2.

Temperatura del aire circundante para el listado UL 508: 40°C

ES 联系方式

Según EN 62477-1

• Las terminales de entrada de corriente y las terminales de salida de ramificación no están aisladas.

• Categoría de sobrevoltaje : II

• Dispositivo: Clase II de protección

• Condiciones atmosféricas: 3K3

Según UL508

• Utilícese en un recinto que mantenga un entorno de nivel de contaminación 2.

Temperatura del aire circundante para el listado UL 508: 40°C

JPN お問い合わせ先

オムロン株式会社 インダストリアルオートメーション

ビジネスカンパニー OMRON Corporation Shikoku Horikawa, Shimogyo-ku, Kyoto, 600-8530 Japan

●カスタマーサポートセンター 0120-919-066 (フリーコール)

接続電話やPHSからのご利用は 055-982-5015 (通話料がかかります)

[技術のお問い合わせ時間] 8:00~17:00 ■営業日: 365日

■お問い合わせ窓口以外の制御機器への技術窓口: 電話 055-982-5000 (通話料がかかります)

●Contact address OMRON Corporation Shikoku Horikawa, Shimogyo-ku, Kyoto, 600-8530 Japan

OMRON Europe B.V. Wegalaan 67-69, 2132 JD Hoofddorp, The Netherlands

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