



中国国家强制性产品认证证书

证书编号：2024010303661587

认证委托人名称及地址

ABB Electrification Sweden AB, Motor Starting & Safety
Motorgrand 20, 72161 Vasteras, Sweden

生产者名称及地址

ABB Electrification Sweden AB, Motor Starting & Safety
Motorgrand 20, 72161 Vasteras, Sweden

生产企业名称及地址

ABB Stotz-Kontakt GmbH
Hauptstrasse 14-16, D-78132 Hornberg, Germany

产品名称和系列、型号、规格

安全继电器

BSR10, BSR11, BSR23, SSR10, SSR10M, SSR20, SSR20M, SSR32, SSR42, TSR10,
TSR20, TSR20M, USR10, USR22; 参数及型号解释详见附页

产品标准和技术要求

GB/T 14048.5-2017

上述产品符合《强制性产品认证实施规则 低压电器 低压元器件》
(CNCA-C03-02:2024) 的要求，特发此证。

发证日期：2024 年 07 月 22 日 有效期至：2029 年 07 月 21 日

证书信息和有效性可扫描下方二维码或登录发证机构网站查验，
也可在认监委网站 (www.cnca.gov.cn) 查询。



签发：

谢肇煦



中国质量认证中心
CHINA QUALITY CERTIFICATION CENTRE

中国质量认证中心有限公司





中国国家强制性产品认证证书

证书编号: 2024010303661587

证书附页: 第 1 页 共 5 页

BSR10, BSR11, BSR23, SSR10, SSR10M, SSR20, SSR20M, SSR32, SSR42, TSR10, TSR20, TSR20M, USR10, USR22, BSR10P, BSR11P, BSR23P, SSR10P, SSR10MP, SSR20P, SSR20MP, SSR32P, SSR42P, TSR10P, TSR20P, TSR20MP, USR10P, USR22P.

Ui: 250V;

Uimp:4kV;

BSR11 BSR11P:

AC-15,AC-12:Ue/Ie:AC250V/5A(NO);

DC-13,DC-12:Ue/Ie: DC24V/6A(NO);

BSR10, BSR23, SSR10, SSR10M, SSR20, SSR20M, TSR10, TSR20, TSR20M, USR10, BSR10P, BSR23P, SSR10P, SSR10MP, SSR20P, SSR20MP, TSR10P, TSR20P, TSR20MP, USR10P:

AC-15,AC-12:Ue/Ie:AC250V/5A(NO);

DC-13,DC-12:Ue/Ie: DC24V/6A(NO);

AC-15,AC-12:Ue/Ie:AC250V/0.5A(NC);

DC-13,DC-12:Ue/Ie: DC24V/2A(NC);

SSR32, SSR42, USR22 SSR32P, SSR42P, USR22P:

AC-15,AC-12:Ue/Ie:AC250V/3A(NO);

DC-13,DC-12:Ue/Ie: DC24V/3A(NO);

Ith: BSR10, BSR23, SSR10, SSR10M, SSR20, SSR20M, TSR10, TSR20, TSR20M, USR10, BSR10P, BSR23P, SSR10P, SSR10MP, SSR20P, SSR20MP, TSR10P, TSR20P, TSR20MP, USR10P: 6A(NO), 4A(NC),

SSR32, SSR42, USR22 SSR32P, SSR42P, USR22P: 3A(NO);

防护等级: IP20

本页为证书附页, 应与证书主页同时使用。



中国质量认证中心

CHINA QUALITY CERTIFICATION CENTRE

中国质量认证中心有限公司



中国国家强制性产品认证证书

证书编号: 2024010303661587

证书附页: 第 2 页 共 5 页

型号解释

BSR – Basic safety relays. Analog simple versions, mostly used for expanding outputs of other SRs.

基本安全继电器, 模拟简单版, 主要用于扩展其他 SRs 的输出

SSR – Single function safety relays. Complete for single function use.

单功能安全继电器, 单一功能使用。

TSR – Timer safety relays. Mostly used as stand-alone safe timers or safe timer expansion relays.

时间继电器, 主要用作独立的安全定时器或安全定时器扩展继电器。

USR – Universal safety relays. All functions above fitted into two safety relays.

通用安全继电器, 上述所有功能都安装在两个安全继电器上。

BSR10/BSR10P – 3 NO + 1 NC contacts. 24vdc operating power.

3 NO + 1 NC 触点, 24vdc 工作电源。

BSR11/BSR11P – 4 NO contacts. 24vdc operating power.

4 NO + 1 NC 触点, 24vdc 工作电源。

BSR23/BSR23P – 4 NO + 1 NC contacts. 24vdc operating power.

4 NO + 1 NC 触点, 24vdc 工作电源。

SSR10/SSR10P – 3 NO + 1 NC contacts. 24vdc operating power.

3 NO + 1 NC 触点, 24vdc 工作电源。

SSR10M/SSR10MP – 3 NO + 1 NC contacts. 230vac operating power.

3 NO + 1 NC 触点, 230vac 工作电源。

SSR20/SSR20P – 3 NO + 1 NC contacts. 24vdc operating power.

3 NO + 1 NC 触点, 24vdc 工作电源。

SSR20M/SSR20MP – 3 NO + 1 NC contacts. 230vac operating power.

3 NO + 1 NC 触点, 230vac 工作电源。

SSR32/SSR32P – 2 NO + 2 NO (off delay) contacts. 24vdc operating power.

2 NO + 2 NC(延迟断开) 触点, 24vdc 工作电源。

SSR42/SSR42P – 2 NO + 2 NO (off delay) contacts, off delay. 24vdc operating power.

2 NO + 2 NC(延迟断开) 触点, 24vdc 工作电源。

本页为证书附页, 应与证书主页同时使用。



中国质量认证中心
CHINA QUALITY CERTIFICATION CENTRE

中国质量认证中心有限公司



中国国家强制性产品认证证书

证书编号: 2024010303661587

证书附页: 第 3 页 共 5 页

TSR10/TSR10P – 3 NO + 1 NC contacts. Timer functions. 24vdc operating power.

3 NO + 1 NC 触点, 时间功能, 24vdc 工作电源。

TSR20/TSR20P – 3 NO + 1 NC contacts. Off delay. 24vdc operating power.

3 NO + 1 NC 触点, 延迟断开, 24vdc 工作电源。

TSR20M/TSR20MP – 3 NO + 1 NC contacts. Off delay. 230vac operating power.

3 NO + 1 NC 触点, 延迟断开, 230vac 工作电源。

USR10/USR10P – 3 NO + 1 NC contacts. Multifunctional. 24vdc operating power.

3 NO + 1 NC 触点, 多功能, 24vdc 工作电源。

USR22/USR22P – 2 NO + 2 NC contacts. Multifunctional. 24vdc operating power.

2 NO + 2 NC 触点, 多功能, 24vdc 工作电源。

Model Order code & Description		
BSR10	2TLA010040R000 0	Screw compression connection blocks. 24VDC
BSR10P	2TLA010040R000 1	Push-in connection blocks. 24VDC
BSR11	2TLA01004R0200	Screw compression connection blocks. 24VDC
BSR11P	2TLA01004R0201	Push-in connection blocks. 24VDC
BSR23	2TLA010041R060 0	Screw compression connection blocks. 24VDC
BSR23P	2TLA010041R060 1	Push-in connection blocks. 24VDC
SSR10	2TLA010050R000 0	Screw compression connection blocks. 24VDC
SSR10P	2TLA010050R000 1	Push-in connection blocks. 24VDC
SSR10M	2TLA010050R010 0	Screw compression connection blocks. 85-265VAC/120-375VDC

本页为证书附页, 应与证书主页同时使用。



中国质量认证中心
CHINA QUALITY CERTIFICATION CENTRE

中国质量认证中心有限公司



中国国家强制性产品认证证书

证书编号：2024010303661587

证书附页：第 4 页 共 5 页

SSR10M P	2TLA010050R010 1	Push-in connection blocks. 85-265VAC/120-375VDC
SSR20	2TLA010051R000 0	Screw compression connection blocks. 24VDC
SSR20P	2TLA010051R000 1	Push-in connection blocks. 24VDC
SSR20M	2TLA010051R010 0	Screw compression connection blocks. 85-265VAC/120-375VDC
SSR20M P	2TLA010051R010 1	Push-in connection blocks. 85-265VAC/120-375VDC
SSR32	2TLA010052R040 0	Screw compression connection blocks. 24VDC
SSR32P	2TLA010052R040 1	Push-in connection blocks. 24VDC
SSR42	2TLA010053R040 0	Screw compression connection blocks. 24VDC
SSR42P	2TLA010053R040 1	Push-in connection blocks. 24VDC
TSR10	2TLA010060R000 0	Screw compression connection blocks. 24VDC
TSR10P	2TLA010060R000 1	Push-in connection blocks. 24VDC
TSR20	2TLA010061R000 0	Screw compression connection blocks. 24VDC
TSR20P	2TLA010061R000 1	Push-in connection blocks. 24VDC
TSR20M	TLA010061R0100	Screw compression connection blocks. 85-265VAC/120-375VDC
TSR20M P	TLA010061R0101	Push-in connection blocks. 85-265VAC/120-375VDC
USR10		Screw compression connection blocks. 24VDC

本页为证书附页，应与证书主页同时使用。



中国质量认证中心
CHINA QUALITY CERTIFICATION CENTRE

中国质量认证中心有限公司



中国国家强制性产品认证证书

证书编号：2024010303661587

证书附页：第 5 页 共 5 页

	2TLA010070R000 0	
USR10P	2TLA010070R000 1	Push-in connection blocks. 24VDC
USR22	2TLA010070R040 0	Screw compression connection blocks. 24VDC
USR22P	2TLA010070R040 1	Push-in connection blocks. 24VDC

本页为证书附页，应与证书主页同时使用。



中国质量认证中心
CHINA QUALITY CERTIFICATION CENTRE

中国质量认证中心有限公司



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

本翻译文件不具有法律效力，
不得单独使用
This translated document
does not have legal validity and
cannot be used in isolation

CERTIFICATE NO.: 2024010303661587

NAME AND ADDRESS OF THE APPLICANT

ABB Electrification Sweden AB, Motor Starting & Safety
Motorgrand 20, 72161 Vasteras, Sweden

NAME AND ADDRESS OF THE MANUFACTURER

ABB Electrification Sweden AB, Motor Starting & Safety
Motorgrand 20, 72161 Vasteras, Sweden

NAME AND LOCATION OF THE FACTORY

ABB Stotz-Kontakt GmbH
Hauptstrasse 14-16, D-78132 Hornberg, Germany

PRODUCT NAME, MODEL AND SPECIFICATION

Safety Relay
BSR10, BSR11, BSR23, SSR10, SSR10M, SSR20, SSR20M, SSR32, SSR42, TSR10, TSR20,
TSR20M, USR10, USR22; See the Appendix for type explanation

STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS

GB/T 14048.5-2017

This is to certify that the above mentioned product(s) complies with the requirements of
implementation rules for compulsory certification (REFNO. CNCA-C03-02:2024).

Valid from: Jul.22,2024

Valid until: Jul.21,2029

The certificate information and validity could be checked by scanning the QR code below or logging in to
the website of the issuing authority, or on the website of the CNCA (www.cnca.gov.cn).



SIGNATURE:

谢肇煦



中国质量认证中心
CHINA QUALITY CERTIFICATION CENTRE

CHINA QUALITY CERTIFICATION CENTRE CO., LTD.





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

本翻译文件不具有法律效力，
不得单独使用
This translated document
does not have legal validity and
cannot be used in isolation

CERTIFICATE NO. : 2024010303661587

Appendix: Page 1 of 1

BSR10, BSR11, BSR23, SSR10, SSR10M, SSR20, SSR20M, SSR32, SSR42, TSR10, TSR20, TSR20M, USR10, USR22, BSR10P, BSR11P, BSR23P, SSR10P, SSR10MP, SSR20P, SSR20MP, SSR32P, SSR42P, TSR10P, TSR20P, TSR20MP, USR10P, USR22P.

Ui: 250V;

Uimp:4kV;

BSR11 BSR11P :

AC-15,AC-12:Ue/Ie:AC250V/5A(NO);

DC-13,DC-12:Ue/Ie: DC24V/6A(NO);

BSR10, BSR23, SSR10, SSR10M, SSR20, SSR20M, TSR10, TSR20, TSR20M, USR10, BSR10P, BSR23P, SSR10P, SSR10MP, SSR20P, SSR20MP, TSR10P, TSR20P, TSR20MP, USR10P:

AC-15,AC-12:Ue/Ie:AC250V/5A(NO);

DC-13,DC-12:Ue/Ie: DC24V/6A(NO);

AC-15,AC-12:Ue/Ie:AC250V/0.5A(NC);

DC-13,DC-12:Ue/Ie: DC24V/2A(NC);

SSR32, SSR42, USR22 SSR32P, SSR42P, USR22P:

AC-15,AC-12:Ue/Ie:AC250V/3A(NO);

DC-13,DC-12:Ue/Ie: DC24V/3A(NO);

Ith: BSR10, BSR23, SSR10, SSR10M, SSR20, SSR20M, TSR10, TSR20, TSR20M, USR10, BSR10P, BSR23P, SSR10P, SSR10MP, SSR20P, SSR20MP, TSR10P, TSR20P, TSR20MP, USR10P: 6A(NO), 4A(NC),

SSR32, SSR42, USR22 SSR32P, SSR42P, USR22P: 3A(NO);

IP20

This page is attached to the certificate and should be used at the same time as the certificate page.



中国质量认证中心
CHINA QUALITY CERTIFICATION CENTRE

CHINA QUALITY CERTIFICATION CENTRE CO., LTD.