

## SIRIUS

Überwachungsrelais zur einphasigen Spannungsüberwachung

Monitoring relay for single-phase voltage monitoring

Relais de contrôle de tension monophasée

Relé de vigilancia de tensión monofásica

Relé di controllo della tensione monofase

Relé de monitoramento da tensão monofásica

Tek faz gerilim kontrolü için kontrol rölesi

Реле контроля напряжения для однофазных цепей

用于监控单相电压的监控继电器

3UG4631

3UG4632



EN/IEC 60 947

Betriebsanleitung	Operating Instructions	Instructions de service	Instructivo	Istruzioni operative
Instruções de Serviço	İşletme kılavuzu	Руководство по эксплуатации	使用说明	

	Deutsch	English	Français
	Vor der Installation, dem Betrieb oder der Wartung des Geräts muss diese Anleitung gelesen und verstanden werden.	Read and understand these instructions before installing, operating, or maintaining the equipment.	Ne pas installer, utiliser ou intervenir sur cet équipement avant d'avoir lu et assimilé les présentes instructions et notamment les conseils de sécurité et mises en garde qui y figurent.
	<b>⚠ GEFÄHR</b>	<b>⚠ DANGER</b>	<b>⚠ DANGER</b>
	<b>Gefährliche Spannung. Lebensgefahr oder schwere Verletzungsgefahr.</b> Vor Beginn der Arbeiten Anlage und Gerät spannungsfrei schalten.	<b>Hazardous voltage. Will cause death or serious injury.</b> Turn off and lock out all power supplying this device before working on this device.	<b>Tension électrique. Danger de mort ou risque de blessures graves.</b> Mettre hors tension avant d'intervenir sur l'appareil.
	<b>VORSICHT</b>	<b>CAUTION</b>	<b>PRUDENCE</b>
	Eine sichere Gerätefunktion ist nur mit zertifizierten Komponenten gewährleistet.	Reliable functioning of the equipment is only ensured with certified components.	La sécurité de fonctionnement de l'appareil n'est garantie qu'avec des composants certifiés.
	Español	Italiano	Português
	Leer y comprender este instructivo antes de la instalación, operación o mantenimiento del equipo.	Leggere con attenzione queste istruzioni prima di installare, utilizzare o eseguire manutenzione su questa apparecchiatura.	Ler e compreender estas instruções antes da instalação, operação ou manutenção do equipamento.
	<b>⚠ PELIGRO</b>	<b>⚠ PERICOLO</b>	<b>⚠ PERIGO</b>
	<b>Tensión peligrosa. Puede causar la muerte o lesiones graves.</b> Desconectar la alimentación eléctrica antes de trabajar en el equipo.	<b>Tensione pericolosa. Può provocare morte o lesioni gravi.</b> Scollegare l'alimentazione prima di eseguire interventi sull'apparecchiatura.	<b>Tensão perigosa. Perigo de morte ou ferimentos graves.</b> Desligue a alimentação elétrica e proteja contra o religamento, antes de iniciar o trabalho no equipamento.
	<b>PRECAUCIÓN</b>	<b>CAUTELA</b>	<b>CUIDADO</b>
	El funcionamiento seguro del aparato sólo está garantizado con componentes certificados.	Il funzionamento sicuro dell'apparecchiatura è garantito soltanto con componenti certificati.	O funcionamento seguro do aparelho apenas pode ser garantido se forem utilizados os componentes certificados.
	Türkçe	Русский	中文
	Cihazın kurulumundan, çalıştırılmasından veya bakıma tabi tutulmasından önce, bu kılavuzun okunmuş ve anlaşılmış olması gerekmektedir.	Перед установкой, вводом в эксплуатацию или обслуживанием устройства необходимо прочесть и понять данное руководство.	安装、使用和维修本设备前必须先阅读并理解本说明。
	<b>⚠ TEHLİKE</b>	<b>⚠ ОПАСНО</b>	<b>⚠ 危險</b>
	<b>Tehlikeli gerilim. Ölüm tehlikesi veya ağır yaralanma tehlikesi.</b> Çalışmalara başlamadan önce, sistemin ve cihazın gerilim beslemesini kapatınız.	<b>Опасное напряжение. Опасность для жизни или возможность тяжелых травм.</b> Перед началом работ отключить подачу питания к установке и к устройству.	<b>危險电压。可能导致生命危险或重伤危险。</b> 操作设备时必须确保切断电源。
	<b>ÖNEMLİ DİKKAT</b>	<b>ОСТОРОЖНО</b>	<b>小心</b>
	Cihazın güvenli çalışması ancak sertifikalı bileşenler kullanılması halinde garanti edilebilir.	Безопасность работы устройства гарантируется только при использовании сертифицированных компонентов.	只有使用经过认证的部件才能保证设备的正常运转。

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E-mail: [technical-assistance@siemens.com](mailto:technical-assistance@siemens.com)

Internet: [www.siemens.com/industrial-controls/technical-assistance](http://www.siemens.com/industrial-controls/technical-assistance)


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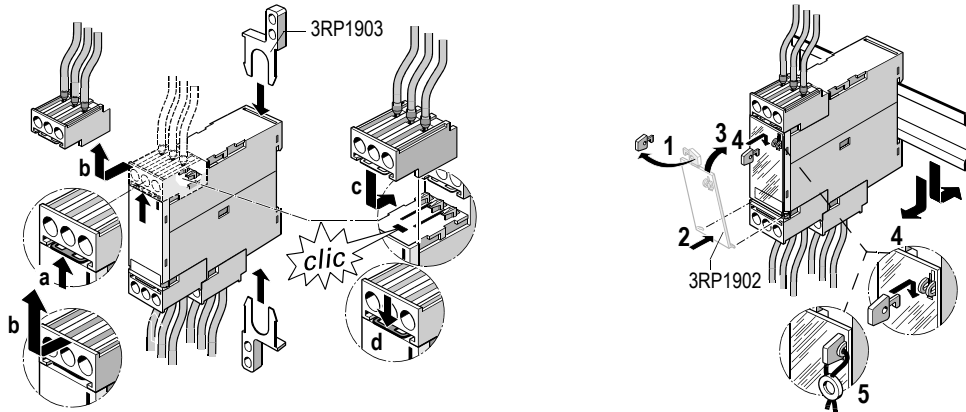
Technical Assistance

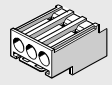
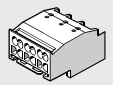

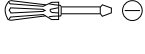



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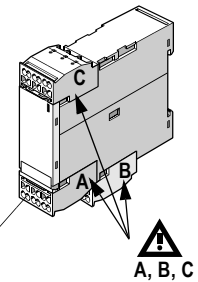
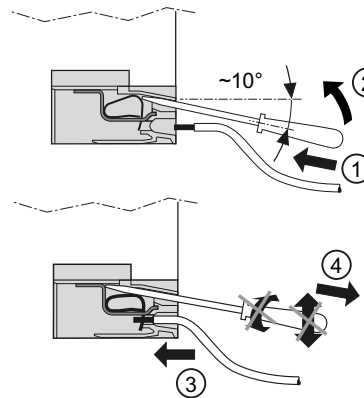
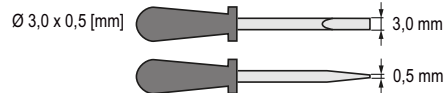
D-90766 Fürth

DE	Montage / Anschließen	ES	Montaje / Conexión	TR	Montaj / Bağlantı
EN	Assembly / Connect	IT	Montaggio / Collegamento	PY	Монтаж / Подключение
FR	Montage / Branchement	PT	Montagem / Conexão	中文	安装 / 连接

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 1. U = 0 V  
 2. a, b, c, d

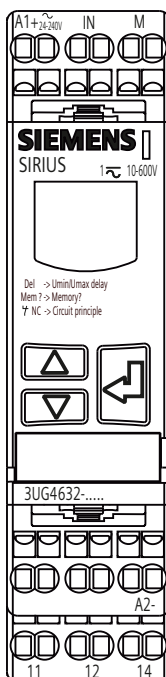


	3UG4631-1... 3UG4632-1...	3UG4631-2... 3UG4632-2...
		
	 0,8 ... 1,2 Nm (7 to 10.3 lb in) PZ2 (Ø 5 ... 6 mm)	 Ø 3,0 x 0,5 [mm]
	1 x (0,5 ... 4) mm <sup>2</sup> 2 x (0,5 ... 2,5) mm <sup>2</sup>	2 x (0,25 ... 1,5) mm <sup>2</sup>
	—	2 x (0,25 ... 1,5) mm <sup>2</sup>
	1 x (0,5 ... 2,5) mm <sup>2</sup> 2 x (0,5 ... 1,5) mm <sup>2</sup>	2 x (0,25 ... 1,5) mm <sup>2</sup>
AWG	2 x (20 to 14)	2 x (24 to 16)





DE	Kodiert
EN	Coded
FR	Codé
ES	Cifrado
IT	Codificato
PT	Codificado
TR	Kodlanmış
PY	Кодировки
中文	带编码的

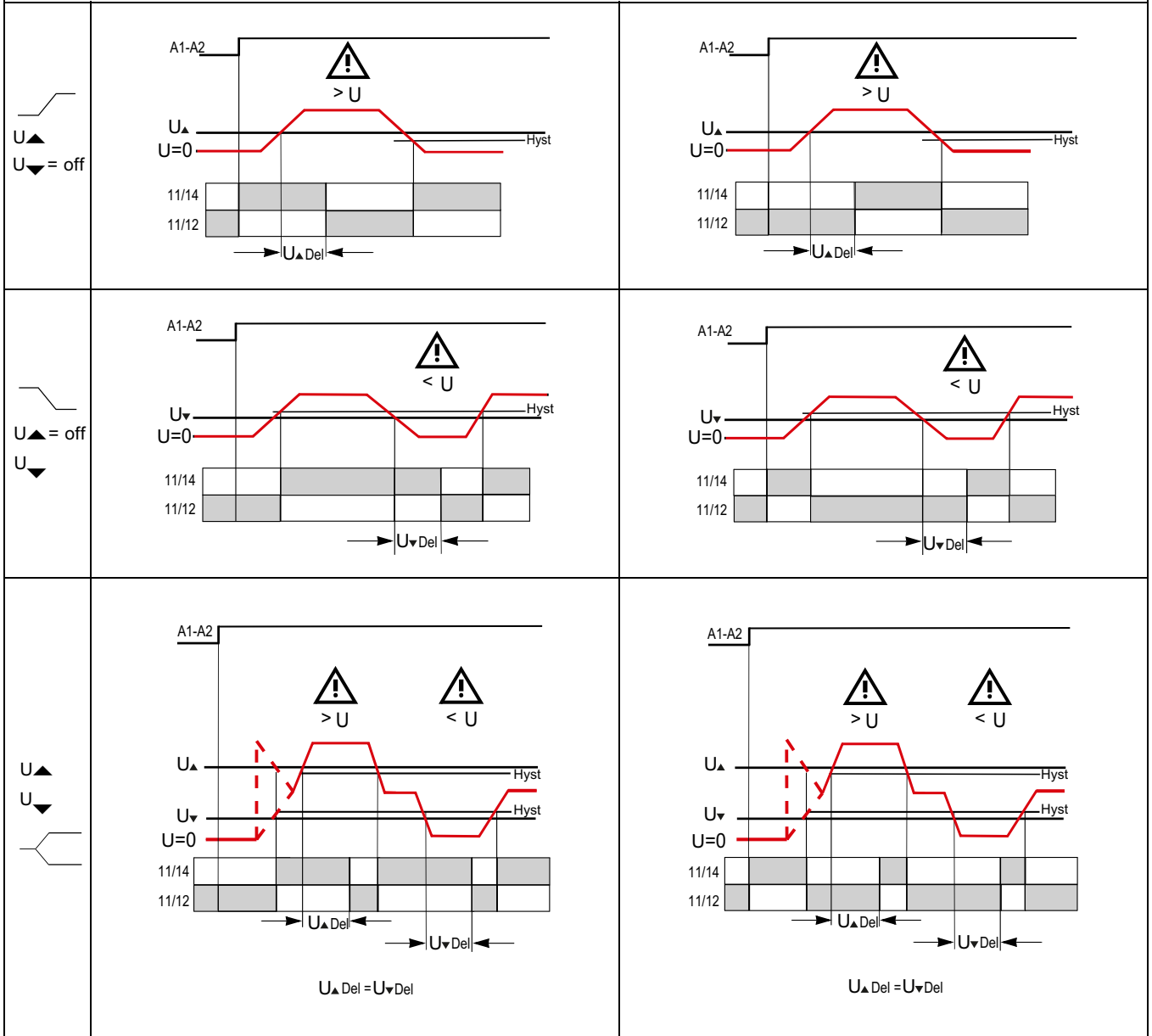
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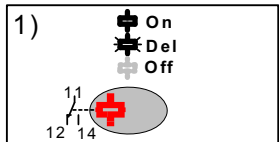
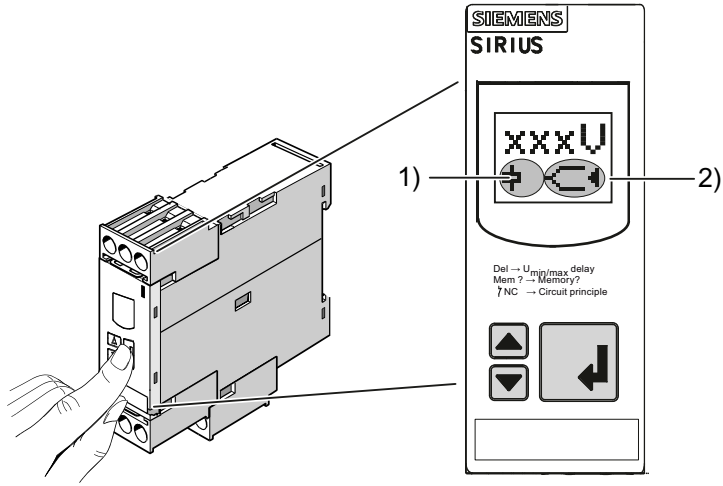
DE	Funktionsdiagramme	ES	Diagramas de funcionamiento	TR	Fonksiyon diyagramları
EN	Functional diagrams	IT	Diagrammi funzionali	PY	Функциональные диаграммы
FR	Diagrammes fonctionnels	PT	Diagramas funcionais	中文	功能图表

<p>Ruhestromprinzip / Closed-circuit principle /  Montage à courant de repos / Principio corriente de reposo /  Principio di riposo / Principio de corrente de repouso /  Hareketsiz akım prensibi / Принцип тока покоя /  闭合电路原理</p>		<p>Arbeitsstromprinzip / Working-current principle /  Montage à courant de travail / Principio corriente de trabajo /  Principio di lavoro / Principio de corrente de trabalho /  Çalışma akımı prensibi / Принцип рабочего тока /  工作电流原理</p>	
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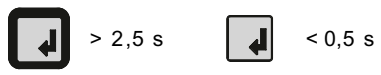
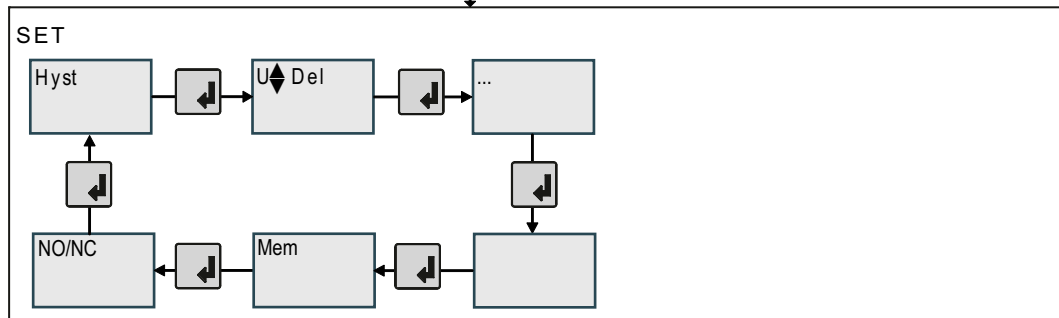
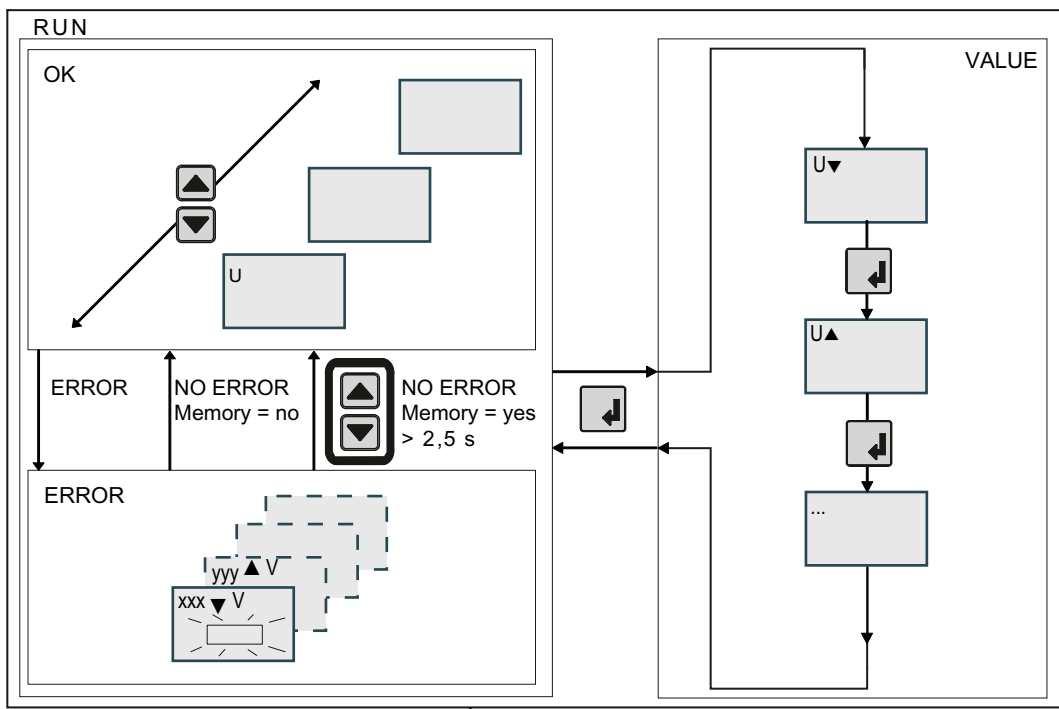


DE	Menüführung	ES	Guía menú	TR	Menü yardımı
EN	Menu-based operation	IT	Guida menu	PY	Меню параметрирования
FR	Guidage par menu	PT	Guia de menu	中文	菜单导航

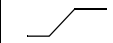
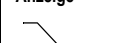
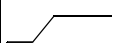
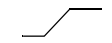
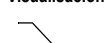
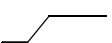
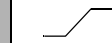
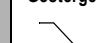
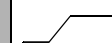
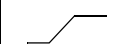
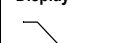
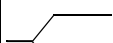
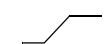
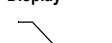
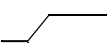
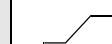
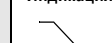
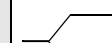
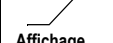
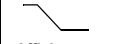

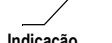
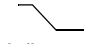

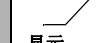
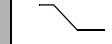
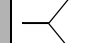


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DE	Siehe Seite 5
EN	See page 5
FR	Voir page 5
ES	Véase página 5
IT	Vedi pagina 5
PT	Veja página 5
TR	Bkz. Sayfa 5
PY	Смотри стр. 5
中文	见第 5 页

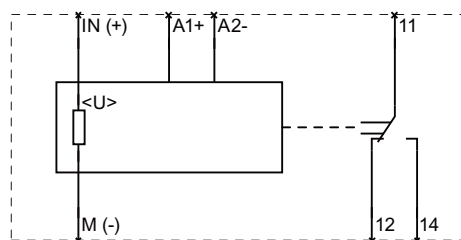


2)

<p><b>DE</b></p> <p>Je nach Einstellung im Menü "Value" Anzeige <b>oberer Schwellwert</b></p>  <p>▲ überschritten ▼ nicht überschritten</p> <p>Anzeige <b>unterer Schwellwert</b></p>  <p>▼ nicht unterschritten ▲ unterschritten</p> <p>Anzeige <b>Schwellwert</b></p>  <p>▲ überschritten ▼ nicht über- unterschritten ▼ unterschritten</p>	<p><b>ES</b></p> <p>Según el ajuste efectuado en "Value" Visualisación <b>Valor umbral superior</b></p>  <p>▲ rebasar lim.sup. ▼ no rebasado</p> <p>Visualisación <b>Valor umbral inferior</b></p>  <p>▼ no rebasado ▲ rebasar lim.inf.</p> <p>Visualisación <b>Valor umbral</b></p>  <p>▲ rebasar lim.sup. ▼ no rebasado ▼ rebasar lim.inf.</p>	<p><b>TR</b></p> <p>Ayara göre Menü "Value" Gösterge <b>Üst eşik değeri</b></p>  <p>▲ Aşıldı ▼ Aşılmadı</p> <p>Gösterge <b>Alt eşik değeri</b></p>  <p>▼ Düşülmedi ▲ Düşüldü</p> <p>Gösterge <b>Eşik değeri</b></p>  <p>▲ Aşıldı ▼ Aşılmadı / düşülmedi ▼ Düşüldü</p>
<p><b>EN</b></p> <p>According to the settings in the "Value" menu Display <b>upper threshold</b></p>  <p>▲ Exceeded ▼ Not exceeded</p> <p>Display <b>lower threshold</b></p>  <p>▼ Not below ▲ Below</p> <p>Display <b>Threshold</b></p>  <p>▲ Exceeded ▼ not exceeded /- below ▼ Below</p>	<p><b>IT</b></p> <p>A seconda dell'impostazione nel menu "Value" Display <b>valore pulsante superiore</b></p>  <p>▲ superato ▼ non superato</p> <p>Display <b>valore pulsante inferiore</b></p>  <p>▼ non al di sotto ▲ al di sotto</p> <p>Display <b>valore pulsante</b></p>  <p>▲ superato ▼ non superato /- al di sotto ▼ al di sotto</p>	<p><b>РУ</b></p> <p>В зависимости от настройки в меню „Value“ („Величина“) Индикация <b>Верхнее пороговое значение</b></p>  <p>▲ Превышает ▼ Не превышает</p> <p>Индикация <b>Нижнее пороговое значение</b></p>  <p>▼ Не занижено ▲ Занижено</p> <p>Индикация <b>Пороговое значение</b></p>  <p>▲ Превышено ▼ Не превышено и не занижено ▼ Занижено</p>
<p><b>FR</b></p> <p>Selon le réglage dans le menu "Value" Affichage <b>Valeur de seuil supérieur</b></p>  <p>▲ dépassé par le haut ▼ non dépassé par le haut</p> <p>Affichage <b>Valeur de seuil inférieur</b></p>  <p>▼ non dépassé par le bas ▲ dépassé par le bas</p> <p>Affichage <b>Valeur de seuil</b></p>  <p>▲ dépassé par le haut ▼ non dépassé par le haut/-bas ▼ dépassé par le bas</p>	<p><b>PT</b></p> <p>Dependendo do ajuste no menu "Value" Indicação <b>valor limiar superior</b></p>  <p>▲ ultrapassado ▼ não ultrapassado</p> <p>Indicação <b>valor limiar inferior</b></p>  <p>▼ não caiu a um nível inferior ▲ caiu a um nível inferior</p> <p>Indicação <b>valor limiar</b></p>  <p>▲ ultrapassado ▼ não ultrapassado / não caiu a um nível inferior ▼ caiu a um nível inferior</p>	<p><b>中文</b></p> <p>按照在“数值”菜单中的设置 显示 <b>上限</b></p>  <p>▲ 超出 ▼ 不超出</p> <p>显示 <b>下限</b></p>  <p>▼ 不低于 ▲ 低于</p> <p>显示 <b>极限域</b></p>  <p>▲ 超出 ▼ 不超出 /- 低于 ▼ 低于</p>

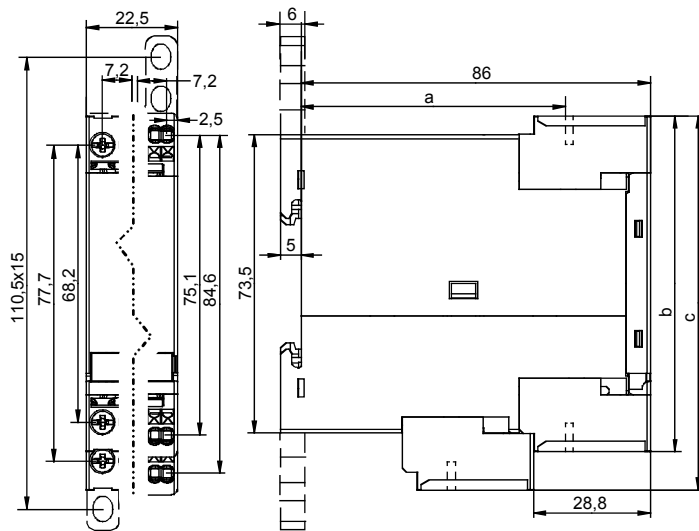
DE	Geräteschaltplan	ES	Esquema de conexiones	TR	Cihaz devre planı
EN	Device circuit diagram	IT	Schema delle connessioni	РУ	Принципиальная схема
FR	Schéma des connexions	PT	Esquema elétrico do equipamento	中文	仪表接线图

3UG4631 / 3UG4632



DE	Maßzeichnungen (Angaben in mm)	ES	Dibujos dimensionales (medidas en mm)	TR	Ölçü resimleri (Bilgiler mm olarak)
EN	Dimension drawings (all dimensions in mm)	IT	Disegni quotati (indicazioni in mm)	РУ	Габаритные чертежи (Все размеры в мм)
FR	Encombremments (indications en mm)	PT	Desenhos cotados (dimensões em mm)	中文	尺寸图 (单位: mm)

### 3UG4631/32



	a	b	c
3UG4631-1....	65	82,6	92,2
3UG4632-1....	—	84,4	93,9

	DE	3ZX1012-0UG40-0AB0	<a href="http://www.siemens.de/industrial-controls/support">www.siemens.de/industrial-controls/support</a>
	EN	3ZX1012-0UG40-0AC0	<a href="http://www.siemens.com/industrial-controls/support">www.siemens.com/industrial-controls/support</a>
	FR	3ZX1012-0UG40-0AD0	<a href="http://www.siemens.com/industrial-controls/support">www.siemens.com/industrial-controls/support</a>
	ES	3ZX1012-0UG40-0AE0	<a href="http://www.siemens.com/industrial-controls/support">www.siemens.com/industrial-controls/support</a>