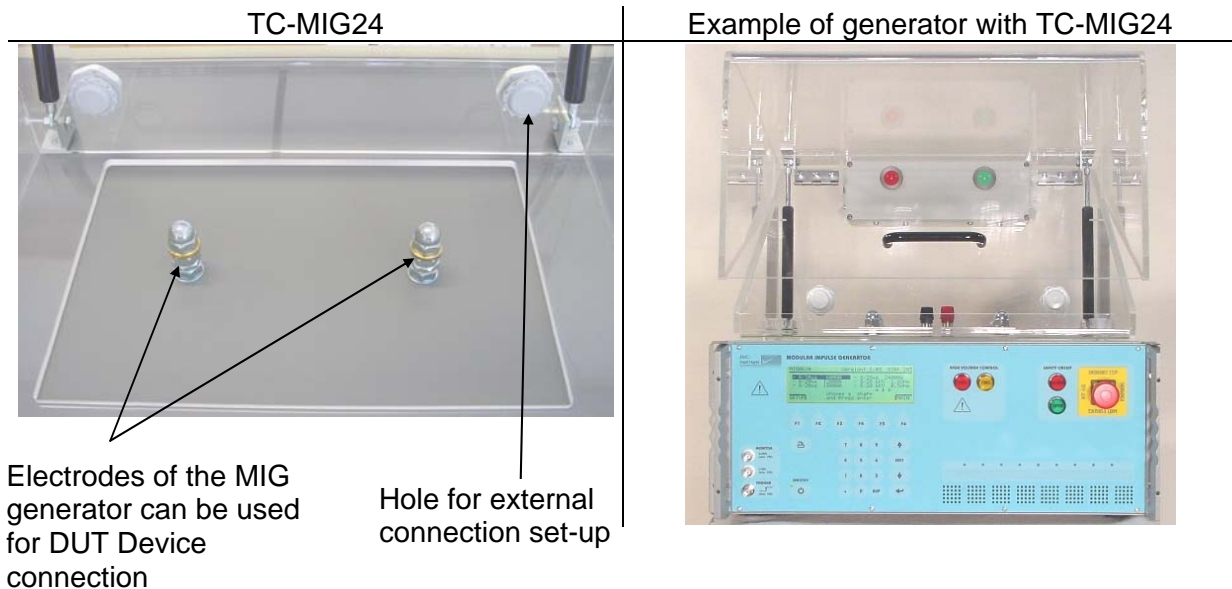


## TC-MIG24, test cabinet to MIG generators with output on top

Revised: 12.December 2012

### 1 General Information TC-MIG24



#### 1.1 Technical data

Insulation withstand	1.2/50 $\mu$ s	up to maximum 36 kV
Maximum EUT dimension	20 x 20 x 30	cm
Warning lamp	green	Test cabinet can be opened
Warning lamp	red	Test cabinet closed
Multi Pin connector	25 pole	See diagram next page
Hole diameter	2 x 34 mm	2 holes from the rear side
Box made of	Acrylic glass	7 mm
Cover	can be hold in any position	

#### 1.2 TC-MIG24 can be used with the following generators:

MIG0603, MIG0603CAP, MIG0603CB, MIG0603CLP, MIG0606, MIG0612, MIG0612EA, MIG0612SPD, MIG0612T-K12, MIG0612UL, MIG0624, MIG0624LPx, MIG0624T-K12, MIG0636EA

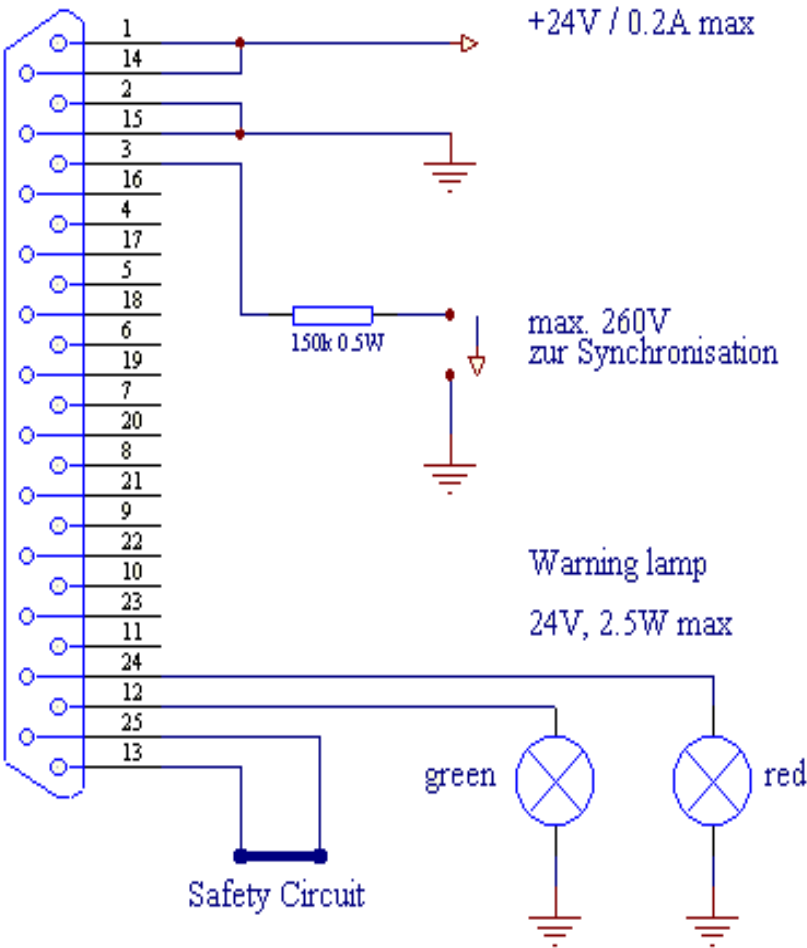
MIG1203, MIG1203CWG, MIG1206, MIG1206SPD, MIG1206T, MIG1212, MIG1212CAP, MIG1224

MIG1803, MIG1803CAP, MIG1809

MIG2403, MIG2412, MIG2412SPD

MIG3603C

### 1.3 Connector pinning of the generators



## 2 Standard accessories, dimensions

### 2.1 Included articles, dimensions

TC-MIG24 (Article No. 103532)

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#### Mechanical Dimensions

Unit Height: 6  
Length: 47 cm  
Width: 43.5 cm  
Height: 25.4 cm  
Net Weight: 8.5 kg

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#### Included Articles

According to STL-Variante 20, STL-Version 1

Qty	PN	Description
0	104986	Broschüre -System Automation Hardware and power supplies
1	104802	Standard calibration report
1	103194	CD-UM-IN-ALL includes all User Manuals and Instruction sheets of all EMC PARTNER AG sales products.

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### 2.2 Standard accessories

Accessories to TC-MIG24 (Article No. 103532)

According to OP-Variante 1, OP-Version 1

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Qty	PN	Description	Weight (kg)	Length (cm)	Width (cm)	Height (cm)
4	102436	Screw plastic M4 x 16 mm	0	0	0	0
1	103109	Connection cable 25/25 pole m/f	0	82	0	0

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## **3 Recycling / Disposal**

### **3.1 RoHS directive 2002/95/EG**

The TC-MIG24 complies with the directive 2002/95/EG (RoHS - Restriction of certain Hazardous Substances).

From December 2005, all EMC Partner products either hand soldered or by machine are produced using lead-free solder.

### **3.2 WEEE directive 2002/96/EG**

The EMC Partner TC-MIG24, is exempted from the directive 2002/96/EG (WEEE) under category 9.

The product should be recycled through a professional organisation with appropriate experience for the disposal and recycling of electronic products. EMC Partner are also available to help with questions relating to the recycling of this product.

### **3.3 Information for dismantling**



Remove always power cord fist.

There is no special danger involved in dismantling the TC-MIG24.

### **3.4 Parts which can be recycled**

The TC-MIG24 contains parts made from steel, aluminium, PVC, two-component sealing compound. The impulse capacitors are filled with non-poisonous mineral oil. The various parts can be separated and recycled.

### **3.5 Parts which can not be recycled**

All parts in the TC-MIG24 can be recycled.

## 4 Appendixes

### 4.1 Safety Switch Declaration

#### **EG-Herstellererklärung EC-Declaration of Manufacturer**

Im Sinne der EG-Richtlinie Maschinenrichtlinie 89/392/EWG; Anhang II B  
(Gem. Artikel 4 Absatz 2)  
*According to the EC-Machinery Directive 89/329/EWG; Annex II B  
(acc. article 4 section 2)*

Hiermit erklären wir, daß das nachfolgend aufgeführte Produkt der oben genannten Richtlinie entspricht.  
*We hereby declare, that the following product conforms to the above mentioned machinery directive.*

Das nachfolgend bezeichnete Produkt ist zum Einbau in eine Maschine bestimmt. Nach Feststellen der Konformität des Endproduktes mit der Maschinenrichtlinie 89/392/EWG kann das Produkt in Betrieb genommen werden.  
*This following product is designed for installation on machinery. The product can be taken into operation once it has been established that the final product (machine) conforms to the machinery directive 89/392/EWG.*

Produktbezeichnung/Product name: **ST 14**

Produktbeschreibung/Product description: **Sicherheits-Türschalter**

Die Übereinstimmung des bezeichneten Produktes mit den Vorschriften der o. g. Richtlinie wird durch die Einhaltung folgender Normen nachgewiesen:  
*The product complies with the regulations of the above mentioned machinery directive in accordance with the following standards:*

Harmonisierte Normen/Harmonized standards: **EN 60 947-5-1-:1991**

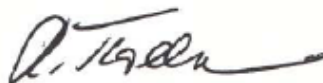
Nationale Normen/National standards: **DIN VDE 0660 Teil 200**

(nach der Niederspannungsrichtlinie oder nach der Maschinenrichtlinie  
Art. 5 Abs. 1 Satz 2)  
*(according to the low voltage directive or the machinery directive article 5 section 1 sentence 2)*

Angewandte technische Spezifikation: **BG-GS-ET 15/1.1994**  
(nach der Niederspannungsrichtlinie) **BG-GS-ET 15 Kategorie 2**  
*Applied technical specifications:*  
*(according to the low voltage directive)*

Ort/Datum:  
place/date

32584 Löhne, 13.06.1996



i. V. Ralf Twellmann  
(Technischer Leiter/Technical Director)

## 4.2 Safety Switch Specification

### Technische Daten:

#### Technical data:

Angewandte Normen <i>Conformity to standards</i>	IEC 947-5-1 / EN 60 947-5-1 / DIN VDE 0660 T.200 und BG-GS-ET 15
Gehäuse <i>Housing</i>	glasfaserverstärkter Thermoplast Ultramid A3X2G5, selbstverlöschend <i>Glass fibre reinforced thermoplastic; Ultramid A3X2G5, self extinguishing.</i>
Betätigungsschlüssel <i>Actuator key</i>	Nichtrostender Stahl 1.4301 <i>Stainless steel 1.4301</i>
Anschluß <i>Connection</i>	4 adrige Leitung H05 VV-F 0,75 mm <sup>2</sup> <i>4- core cable H05 VV-F, 0,75 mm<sup>2</sup></i>
UL / CSA	4 x AWG 20 UL
Schaltsystem <i>Contact system</i>	⊖ gem./According to IEC 947-5-1; ⊕ BG-GS-ET 15 Schleichschaltung bzw. Tastkontakte, Öffnerkontakt zwangsöffnend <i>Slow action, 1NC/1NO contact; NC contact with positive break when key is withdrawn.</i>
zul. Elektrische Belastung <i>Max. electrical load</i>	250 VAC - 6A (AC15) 220 VDC - 0,25A (DC13) 24 VDC - 4A (DC13)
UL / CSA	6A. 250 VAC, A600
Kurzschlußfestigkeit <i>Short circuit resistance</i>	6A (träge) als zwangsöffnender Öffner <i>6A (slow) as a positive break NC contact</i>
Schutzart <i>Protection class</i>	IP 67 gem. IEC 529 / EN 60 529 / DIN VDE 0470-1 für inneren Schaltraum, Anfahrkopf (Betätigungskopf) = IP 20 <i>IP 67 to IEC 529/EN 60 529/DIN VDE 0470-1 with internal switch space. IP 20 for actuator head.</i>
Zul. Umgebungstemperatur <i>Temperature range</i>	-20 °C bis +80 °C
Mechanische Lebensdauer <i>Mechanical life</i>	> 10 <sup>5</sup> Schaltspiele/cycles

## **Service Information**

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