

SAFEMASTER
Emergency Stop Module
LG 5924

Translation
of the original instructions

0262828



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Before installing, operating or maintaining this device, these instructions must be carefully read and understood.



Keep instructions for future reference



The installation must only be done by a qualified electrician!



Do not dispose of household garbage!
The device must be disposed of in compliance with nationally applicable rules and requirements.

To help you understand and find specific text passages and notes in the operating instructions, we have important information and information marked with symbols.

Symbol and Notes Statement



DANGER:
Indicates that death or severe personal injury will result if proper precautions are not taken.



WARNING:
Indicates that death or severe personal injury can result if proper precautions are not taken.



CAUTION:
Indicates that a minor personal injury can result if proper precautions are not taken.



INFO:
Referred information to help you make best use of the product.



ATTENTION:
Warns against actions that can cause damage or malfunction of the device, the device environment or the hardware / software result.

General Notes

The product hereby described was developed to perform safety functions as a part of a whole installation or machine. A complete safety system normally includes sensors, evaluation units, signals and logical modules for safe disconnections. The manufacturer of the installation or machine is responsible for ensuring proper functioning of the whole system. DOLD cannot guarantee all the specifications of an installation or machine that was not designed by DOLD. The total concept of the control system into which the device is integrated must be validated by the user. DOLD also takes over no liability for recommendations which are given or implied in the following description. The following description implies no modification of the general DOLD terms of delivery, warranty or liability claims.

Designated Use

The LG 5924 is used to interrupt a safety circuit in a safe way. It can be used to protect people and machines in applications with e-stop buttons and safety gates.

When used in accordance with its intended purpose and following these operating instructions, this device presents no known residual risks. Nonobservance may lead to personal injuries and damages to property.

Safety Notes



Risk of electrocution! **Danger to life or risk of serious injuries.**

- Disconnect the system and device from the power supply and ensure they remain disconnected during electrical installation.
- The device may only be used for the applications described in the mutually applicable operating instructions / data sheet. The notes in the respective documentation must be heeded. The permissible ambient conditions must be observed.
- The contact protection of the elements connected and the insulation of the supply cables must be designed in accordance with the requirements in the operating instructions / data sheet.
- Note the VDE and local regulations, particularly those related to protective measures.



Risk of fire or other thermal hazards! **Danger to life, risk of serious injuries or property damage.**

- The device may only be used for the applications described in the mutually applicable operating instructions / data sheet. The notes in the respective documentation must be heeded. The permissible ambient conditions must be observed. In particular, the current limit curve must be heeded.
- The device may only be installed and put into operation by experts who are familiar with this technical documentation and the applicable health and safety and accident prevention regulations.



Functional error! **Danger to life, risk of serious injuries or property damage.**

- The device may only be used for the applications described in the mutually applicable operating instructions / data sheet. The notes in the respective documentation must be heeded. The permissible ambient conditions must be observed.
- The device may only be installed and put into operation by experts who are familiar with this technical documentation and the applicable health and safety and accident prevention regulations.
- The unit should be panel mounted in an enclosure rated at IP 54 or superior. Dust and dampness may lead to malfunction.



Installation fault! **Danger to life, risk of serious injuries or property damage.**

- Make sure of sufficient protection circuitry at all output contacts for capacitive and inductive loads.



Attention!

- The safety function must be triggered during commissioning.
- **AUTOMATIC START !**
According to IEC/EN 60 204-1 part 9.2.5.4.2 and 10.8.3 it is not allowed to restart automatically after emergency stop. Therefore the machine control has to disable the automatic start after emergency stop.
- Opening the device or implementing unauthorized changes voids any warranty



02:49759

Product Description

The emergency stop modules LG 5924 can be used to protect people and machines by interrupting a safety circuit in a safe way.

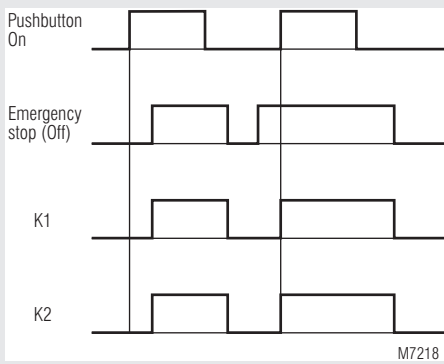
Your Advantages

- For safety application up to PL e / Cat. 4 resp. SIL 3
- Manual or automatic start

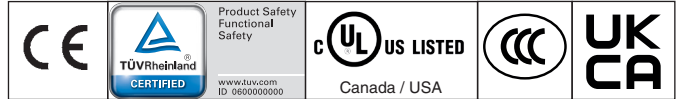
Features

- **According to**
 - Performance Level (PL) e and category 4 to EN ISO 13849-1
 - SIL Claimed Level (SIL CL) 3 to IEC/EN 62061
 - Safety Integrity Level (SIL) 3 to IEC/EN 61508
- According to EN 50156-1 for furnaces
- Single channel or two-channel operation
- Output: max. 4 NO contacts
- AC 230 V model with galvanic separation
- LED indicator for channel 1 / 2 and state of operation
- Short circuit detection between terminal Y1 and common
- Wire connection: also 2 x 1.5 mm² stranded ferruled, or 2 x 2.5 mm² solid DIN 46 228-1/-2/-3/-4
- As option with pluggable terminal blocks for easy exchange of devices
 - With screw terminals
 - Or with cage clamp terminals
- Width 22.5 mm

Function Diagram



Approvals and Markings



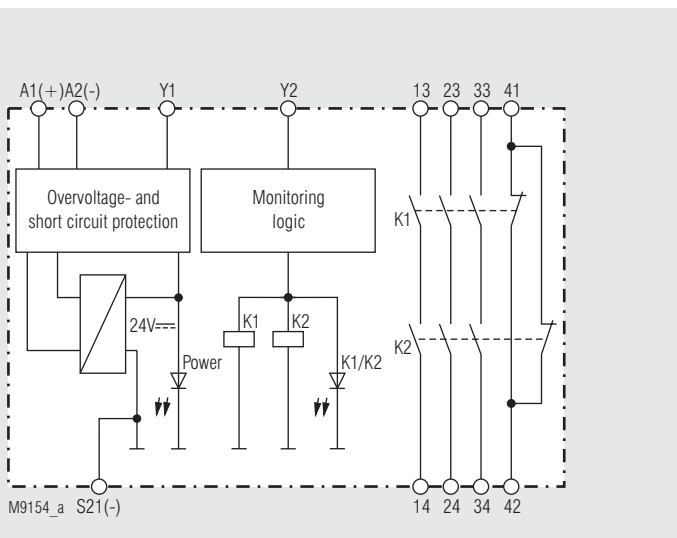
Applications

- Protection of people and machines
- Emergency stop circuits on machines

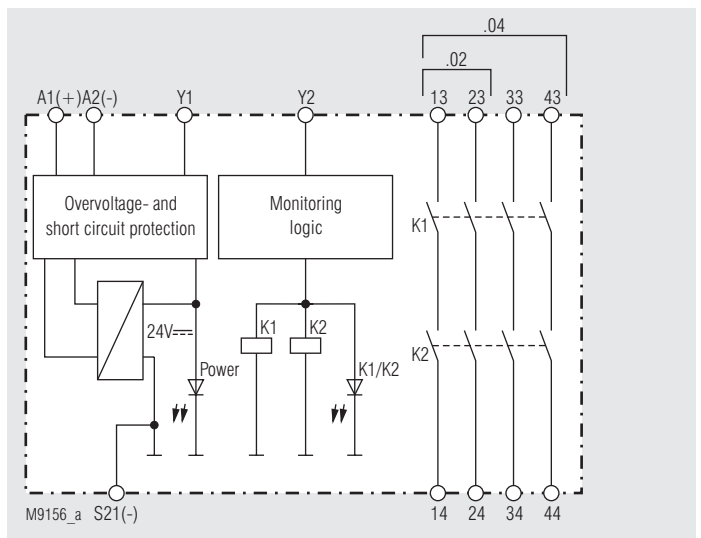
Indicators

LED Power: On, when supply connected
 LED K1/K2: On, when relay K1 and K2 energized

Block Diagrams

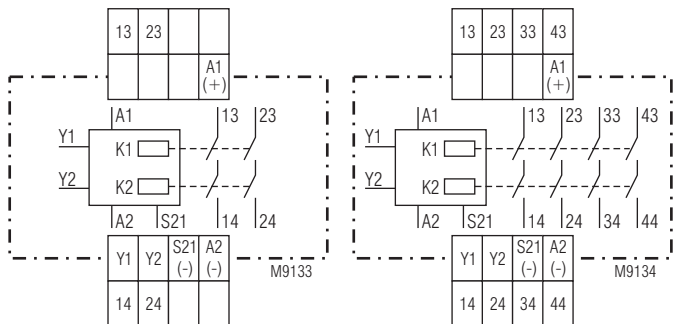


LG 5924.48



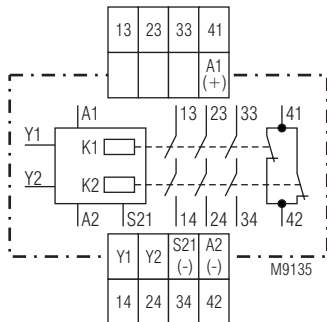
LG 5924.02, LG 5924.04

Circuit Diagrams



LG 5924.02

LG 5924.04



LG 5924.48

Connection Terminals

Terminal designation	Signal description
A1(+)	+ / L
A2 (-)	- / N
Y2	Inputs
S21(-), Y1	Outputs
13, 14, 23, 24, 33, 34, 43, 44	Forcibly guided NO contacts for release circuit
41, 42	Forcibly guided indicator output

Technical Data

Input

Nominal voltage U_N:	DC 24 V AC 110, 230 V
Nominal frequency:	50 / 60 Hz
Voltage range:	AC 0.85 ... 1.1 U_N
At 10 % residual ripple:	DC 0.9 ... 1.1 U_N
At 48 % residual ripple:	DC 0.85 ... 1.1 U_N
Nominal consumption	
DC:	DC 1.5 W
AC:	3.5 VA
Control voltage on Y1	
DC:	Typ. DC 22 V
AC:	Typ. DC 45 V
Control current	
DC:	Typ. DC 65 mA
AC:	Typ. AC 16 mA
Recovery time:	0.5 s

Output

Contacts

LG 5924.02:	2 NO contacts
LG 5924.04:	4 NO contacts
LG 5924.48:	3 NO, 1 NC contacts

The NO contacts are safety contacts.

The NC contacts 41-42 can only be used for monitoring.

Operate delay

DC:	Typ. DC 40 ms
AC:	Typ. AC 200 ms

Release delay

DC:	Typ. DC 70 ms
AC:	Typ. AC 35 ms

Contact type: Forcibly guided

Thermal current I_{th} : Max. 5 A
(see quadratic total current limit curve)

Technical Data

Nominal output voltage:	AC 250 V
Switching capacity	
To AC 15	
NO contact:	3 A / AC 230 V IEC/EN 60947-5-1
NC contact:	2 A / AC 230 V IEC/EN 60947-5-1
To DC 13	
NO contact:	2 A / DC 24 V IEC/EN 60947-5-1
NC contact:	2 A / DC 24 V IEC/EN 60947-5-1
To DC 13:	
NO contact:	4 A / DC 24 V at 0.1 Hz
NC contact:	4 A / DC 24 V at 0.1 Hz
Electrical life	
at 5 A, AC 230 V $\cos \varphi = 1$:	> 2.2 x 10 ⁵ switching cycles
Permissible operating frequency:	600 switching cycles / h
Short circuit strength	
max. fuse rating:	10 A gG / gL IEC/EN 60947-5-1
line circuit breaker:	B 6 A
Mechanical life:	10 x 10 ⁶ switching cycles

General Data

Operating mode:	Continuous operation
Temperature range	
Operation:	-25 ... + 55 °C (see quadratic total current limit curve) At an altitude of > 2000 m the maximum permissible temperature reduces by 0.5 °C / 100 m
Storage:	-25 ... + 85 °C

Altitude,

Clearance and creepage distance

Rated impulse voltage / pollution degree:	IEC 60664-1
	≤ 2000 m > 2000 m to ≤ 4000 m
Contacts against all others:	4 kV / 2 2.5 kV / 2
Contacts to each other:	2.5 kV / 2 1.5 kV / 2

EMC

Interference suppression	Limit value class B EN 55011
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Degree of protection

Housing:	IP 40 IEC/EN 60529
Terminals:	IP 20 IEC/EN 60529

Housing:

	Thermoplastic with V0 behaviour according to UL subject 94
Vibration resistance:	Amplitude 0.35 mm frequency 10 ... 55 Hz, IEC/EN 60068-2-6
Climate resistance:	25 / 055 / 04 IEC/EN 60068-1

Terminal designation:

Wire fixing:

	Plus-minus terminal screws M3.5 box terminals with wire protection or cage clamp terminals
Mounting:	DIN rail IEC/EN 60715

Weight

LG 5924, DC 24 V:	200 g
LG 5924, AC 230 V:	270 g

Dimensions

Width x height x depth

LG 5924:	22.5 x 90 x 121 mm
LG 5924 PC:	22.5 x 111 x 121 mm
LG 5924 PS:	22.5 x 104 x 121 mm

UL-Data

The safety functions were not evaluated by UL. Listing is accomplished according to requirements of Standard UL 508, "general use applications"

Nominal voltage U_N : DC 24 V
AC 110, 230 V

Ambient temperature: - 15 ... + 55 °C

Altitude: ≤ 2000 m

Switching capacity:

Ambient temperature 45 °C: Pilot duty B300
5A 250Vac Resistive
5A 24Vdc Resistive or G.P.

Ambient temperature 55 °C: Pilot duty B300
4A 250Vac Resistive
4A 24Vdc Resistive or G.P.

Wire connection: 60 °C / 75 °C copper conductors only

Screw terminals fixed: AWG 20 - 12 Sol/Str Torque 0.8 Nm

Plug in screw: AWG 20 - 14 Sol Torque 0.8 Nm
AWG 20 - 16 Str Torque 0.8 Nm

Plug in cage clamp: AWG 20 - 12 Sol/Str



Technical data that is not stated in the UL-Data, can be found in the technical data section.

Standard Type

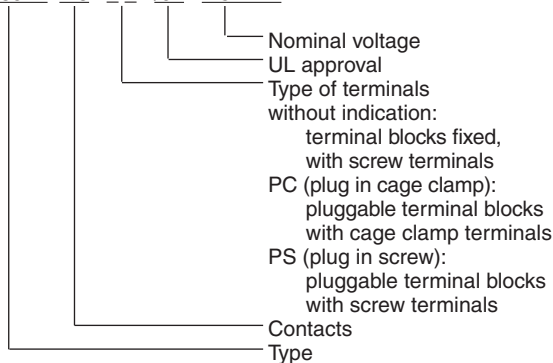
LG 5924.48/61 DC 24 V

Article number: 0061916

- Output: 3 NO, 1 NC contacts
- Nominal voltage U_N : DC 24 V
- Width: 22.5 mm

Ordering Example

LG 5924 .48 /61 DC 24 V



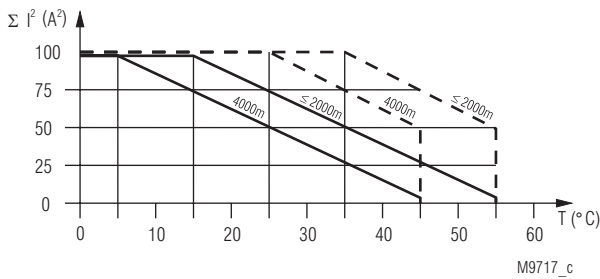
Troubleshooting

Failure	Potential cause
LED "Power" does not light up	Power supply not connected
LED "K1/K2" does not light up	Relay K1 and K2 not energized
Device cannot be activated	- Supply voltage is not present - Defective On-button e.g. no bridge at Y1 and Y2 - K1 or K2 are welded

Maintenance and repairs

- The device contains no parts that require maintenance.
- In case of failure, do not open the device but send it to manufacturer for repair.

Characteristics



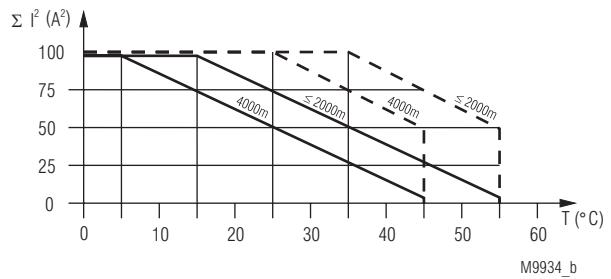
- Device free-standing.
Max. current at 55°C (≤ 2000m) or 45°C (4000m) over 4 contact paths = $3,5A \cong 4 \times 3,5^2 A^2 = 49A^2$
- Device mounted without distance heated by devices with same load.
Max. current at 55°C (≤ 2000m) or 45°C (4000m) over 4 contact paths = $1A \cong 4 \times 1^2 A^2 = 4A^2$

$$\Sigma I^2 = I_1^2 + I_2^2 + I_3^2 + I_4^2$$

I_1, I_2, I_3, I_4 - Current in contact paths

Quadratic total current limit curve LG 5924 DC 24 V

At an altitude > 2000 m adjustment of the curve by -0.5 °C / 100 m (see example 4000 m)



- Device free-standing.
Max. current at 55°C (≤ 2000m) or 45°C (4000m) over 4 contact paths = $3,5A \cong 4 \times 3,5^2 A^2 = 49A^2$
- Device mounted with 5mm distance.
Max. current at 55°C (≤ 2000m) or 45°C (4000m) over 4 contact paths = $1A \cong 4 \times 1^2 A^2 = 4A^2$

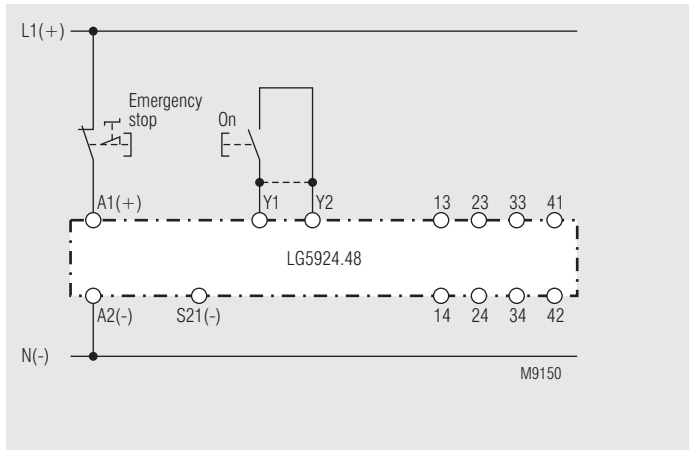
$$\Sigma I^2 = I_1^2 + I_2^2 + I_3^2 + I_4^2$$

I_1, I_2, I_3, I_4 - Current in contact paths

Quadratic total current limit curve LG 5924 AC 110 V, AC 230 V

At an altitude > 2000 m adjustment of the curve by -0.5 °C / 100 m (see example 4000 m)

Application Examples

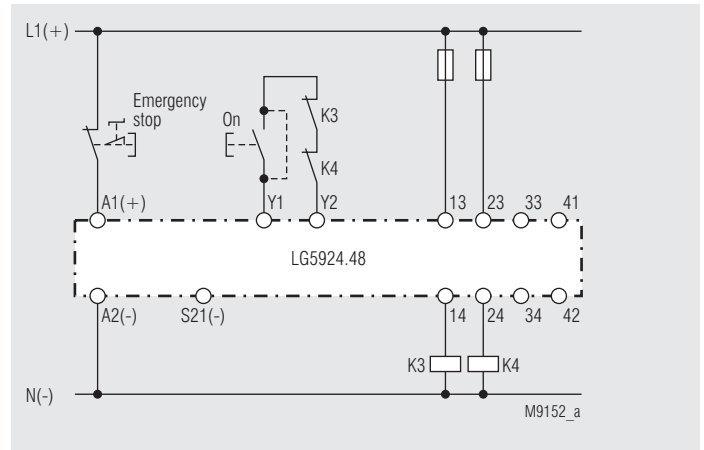


Single channel emergency-stop circuit without feed back loop, with or without automatic restart.

For automatic restart terminals Y1-Y2 must be linked.

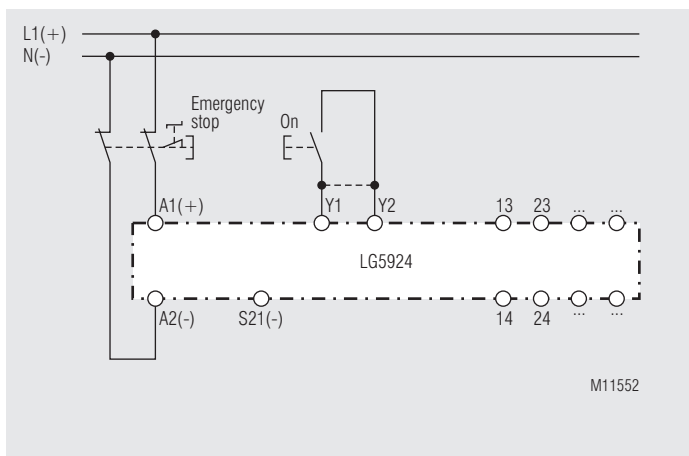
No ON-pushbutton necessary.

Suited up to SIL2, Performance Level d, Cat. 3*



Contact reinforcement by external contactors, 2-channel controlled. For currents > 5 A the output contacts can be reinforced by external contactors. Functioning of the external contactors is monitored by looping the NC contacts into the start circuit (Y1-Y2).

Suited up to SIL2, Performance Level d, Cat. 3*



Two-channel emergency-stop circuit without feed back loop, with or without automatic restart.

For automatic restart terminals Y1-Y2 must be linked.

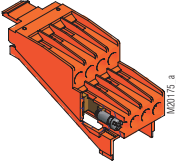
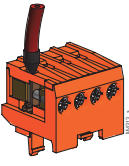
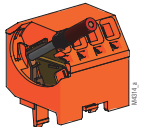
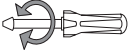
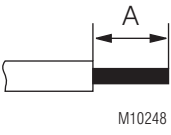
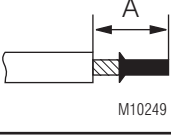
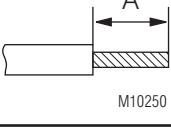
No ON-push button necessary.

Suited up to SIL3, Performance Level e, Cat. 4

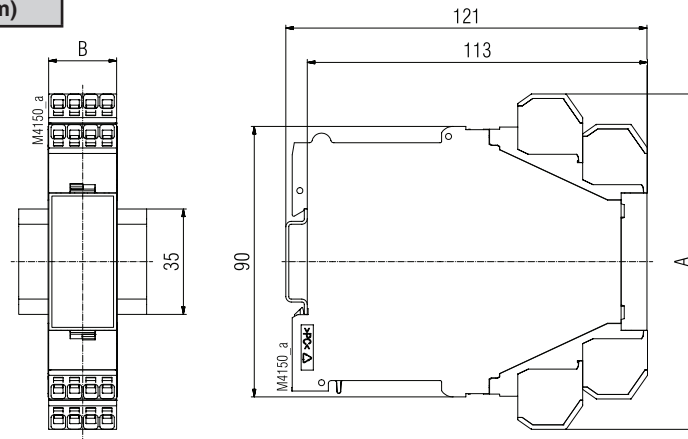
* Suited up to SIL3, Performance Level e, Cat. 4 for E-stop systems according to IEC 60947-5-5, under the following conditions:

- A maximum number of operations for the E-stop button is observed
- The E-stop button and the E-stop module are installed in the same cabinet

DE	Anschlussstechnik
EN	Connection Technology
FR	Technologie de connexion
IT	Tecnologia di connessione

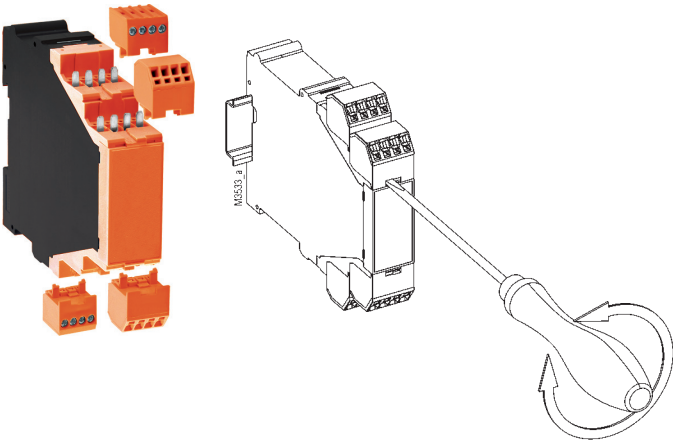
	Schraubklemmen, nicht abnehmbar Screw terminals, fixed Bornes à vis, fixes Morsetti a vite, fissi	Schraubklemmen, abnehmbar Screw terminals, pluggable Bornes à vis, amovibles Morsetti a vite, innestabili	Federkraftklemmen, abnehmbar Cage clamp terminals, pluggable Bornes ressorts, amovibles Morsetti a molla, innestabili	
		 PS	 PC	
	ø 4 mm / PZ 1 0,8 Nm 7 LB. IN	ø 4 mm / PZ 1 0,8 Nm 7 LB. IN	DIN 5264-A; 0,5 x 3	
 M10248	A = 8 mm 1 x 0,5 ... 4 mm ² 1 x AWG 20 to 12 2 x 0,5 ... 2,5 mm ² 2 x AWG 20 to 14	A = 8 mm 1 x 0,5 ... 2,5 mm ² 1 x AWG 20 to 14 2 x 0,5 ... 1,5 mm ² 2 x AWG 20 to 16	A = 10 ... 12 mm 1 x 0,5 ... 2,5 mm ² 1 x AWG 20 to 14	A = 12 mm 1 x 0,5 ... 4 mm ² 1 x AWG 20 to 12
 M10249	A = 8 mm 1 x 0,5 ... 2,5 mm ² 1 x AWG 20 to 14 2 x 0,5 ... 1,5 mm ² 2 x AWG 20 to 16	A = 8 mm 1 x 0,5 ... 2,5 mm ² 1 x AWG 20 to 14 2 x 0,5 ... 1 mm ² 2 x AWG 20 to 18	A = 10 ... 12 mm 1 x 0,5 ... 1,5 mm ² 1 x AWG 20 to 16	A = 12 mm 1 x 0,5 ... 2,5 mm ² 1 x AWG 20 to 14
 M10250	A = 8 mm 1 x 0,5 ... 4 mm ² 1 x AWG 20 to 12 2 x 0,5 ... 2,5 mm ² 2 x AWG 20 to 14	A = 8 mm 1 x 0,5 ... 2,5 mm ² 1 x AWG 20 to 14 2 x 0,5 ... 1,5 mm ² 2 x AWG 20 to 16	A = 10 ... 12 mm 1 x 0,5 ... 2,5 mm ² 1 x AWG 20 to 14	A = 12 mm 1 x 0,5 ... 4 mm ² 1 x AWG 20 to 12

DE	Maßbild (Maße in mm)
EN	Dimensions (dimensions in mm)
FR	Dimensions (dimensions en mm)
IT	Dimensioni (dimensione in mm)



	A	B
LG 5924	90	22,5
LG 5924 PS	104	22,5
LG 5924 PC	111	22,5

DE	Montage / Demontage der PS / PC-Klemmenblöcke
EN	Mounting / disassembly of the PS / PC-terminal blocks
FR	Montage / Démontage des borniers PS / PC
IT	Montaggio / Smontaggio di morsetti estraibili PS / PC



DE	<p>Demontage der steckbaren Klemmenblöcke (Stecker)</p> <ol style="list-style-type: none"> 1. Gerät spannungsfrei schalten. 2. Schraubendreher in die frontseitige Aussparung zwischen Stecker und Frontplatte hineinschieben. 3. Schraubendreher um seine Längsachse drehen. 4. Beachten Sie bitte, dass die Klemmenblöcke nur auf dem zugehörigen Steckplatz montiert werden.
EN	<p>Removing the terminal blocks with cage clamp terminals</p> <ol style="list-style-type: none"> 1. The unit has to be disconnected. 2. Insert a screwdriver in the side recess of the front plate. 3. Turn the screwdriver to the right and left. 4. Please note that the terminal blocks have to be mounted on the belonging plug in terminations.
FR	<p>Démontage des borniers amovibles</p> <ol style="list-style-type: none"> 1. Mise hors tension de l'appareil 2. Enfoncez un tourne-vis dans la fente entre la face avant et le bornier 3. Tournez le tourne-vis pour libérer le bornier 4. Tenir compte du fait que les borniers ne doivent être montés qu'à leur place appropriée
IT	<p>Smontaggio di morsetti estraibili (spina)</p> <ol style="list-style-type: none"> 1. Togliere tensione 2. Inserire il cacciavite nella rientranza del connettore sul pannello frontale e spingere. 3. Ruotare il cacciavite. 4. Assicurarsi del fatto che le morsettiere possono essere montate solo sullo SLOT

DE	Sicherheitstechnische Kenndaten
EN	Safety Related Data
FR	Données techniques sécuritaires
IT	I dati di sicurezza

EN ISO 13849-1:		
Kategorie / Category:	4	
PL:	e	
MTTF _d :	220,9	a (year)
DC _{avg} :	99,0	%
d _{op} :	365	d/a (days/year)
h _{op} :	24	h/d (hours/day)
t _{cycle} :	3600	s/cycle
	≥ 1	/h (hour)

IEC EN 62061 IEC EN 61508:		
SIL CL:	3	IEC EN 62061
SIL	3	IEC EN 61508
HFT ¹⁾ :	1	
DC:	99,0	%
PFH _D :	1,08E-10	h ⁻¹
PFD _{AVG} :	5,81E-05	(Low Demand Mode)
T ₁ :	20	a (year)
¹⁾ HFT = Hardware-Fehlertoleranz Hardware failure tolerance Tolérance défauts Hardware Tolleranza ai guasti hardware		

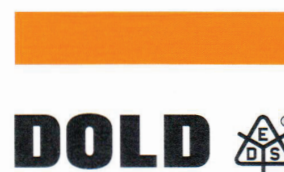
Anforderung seitens der Sicherheitsfunktion an das Gerät im High Demand Mode		Intervall für zyklische Überprüfung der Sicherheitsfunktion
Demand to our device based on the evaluated necessary safety level of the application at High Demand Mode		Intervall for cyclic test of the safety function
Consigne résultant de la fonction sécuritaire de l'appareil au High Demand Mode		Interval du contrôle cyclique de la fonction sécuritaire
Richiesta al nostro dispositivo basato sul livello di sicurezza necessaria valutata dell'applicazione a High Demand Mode		Intervall per test ciclico della funzione di sicurezza
nach; acc. to; selon; conformi a EN ISO 13849-1	PL e with Cat. 3 or Cat. 4	einmal pro Monat once per month mensuel una volta al mese
	PL d mit Cat. 3	einmal pro Jahr once per year annual una volta al mese
nach; acc. to; selon; conformi a IEC/EN 62061, IEC/EN 61508	SIL CL 3, SIL 3 with HFT = 1	einmal pro Monat once per month mensuel una volta al mese
	SIL CL 2, SIL 2 with HFT = 1	einmal pro Jahr once per year annual una volta al mese



DE	Die angeführten Kenndaten gelten für die Standardtype. Sicherheitstechnische Kenndaten für andere Geräteausführungen erhalten Sie auf Anfrage. Die sicherheitstechnischen Kenndaten der kompletten Anlage müssen vom Anwender bestimmt werden.
EN	The values stated above are valid for the standard type. Safety data for other variants are available on request. The safety relevant data of the complete system has to be determined by the manufacturer of the system.
FR	Les valeurs données sont valables pour les produits standards. Les valeurs techniques sécuritaires pour d'autres produits spéciaux sont disponibles sur simple demande. Les données techniques sécuritaires de l'installation complète doivent être définies par l'utilisateur.
IT	I rating sopra si applicano al tipo standard. Dati di sicurezza per gli altri modelli sono disponibili su richiesta. I dati caratteristici relativi alla sicurezza per l'intero sistema deve essere determinato dall'utente.

DE	EG-Konformitätserklärung
EN	CE-Declaration of Conformity
FR	Déclaration de conformité européenne
IT	Dichiarazione di conformità CE

EG - Konformitätserklärung
Declaration of Conformity
Déclaration de conformité européenne



Hersteller: E. Dold & Söhne GmbH & Co. KG
Manufacturer: / Fabricant:
Anschrift: Bregstraße 18
Address: / Adresse: 78120 Furtwangen
Germany

Produktbezeichnung: Not-Aus-Modul **LG5924.kkccc** mit: kk = 02, 04, 48
Product description: Emergency Stop Module **LG5924.kkttccc** *with:* tt = PS, PC
optional ccc = /60 .. /69
Désignation du produit: Module d'arrêt d'urgence *avec:*

Das bezeichnete Produkt stimmt mit den Vorschriften folgender europäischer Richtlinien überein:
The indicated product is in conformance with the regulations of the following european directives:
Le produit désigné est conforme aux instructions des directives européennes:

Maschinenrichtlinie: <i>Machinery directive: / Directives Machines:</i>	2006/42/EG	EU-Abl. L157/24, 09.06.2006
EMV - Richtlinie: <i>EMC - Directive: / Directives- CEM::</i>	2014/30/EU	EU-Abl. L96/79, 29.03.2014
RoHS - Richtlinie <i>RoHS -Directive: / Directives - RoHS:</i>	2011/65/EU	EU-Abl. L174/88, 01.07.2011

Prüfgrundsätze: <i>Basis of Testing:</i>	EN ISO 13849-1:2015	EN IEC 62061:2021
<i>Lignes de contrôle:</i>	EN 62061:2005 + AC:2010 + A1:2013 + A2:2015	EN 61508 Parts 1-7:2010
	EN IEC 60664-1:2020 + AC:2020	EN 60664-1:2007
	EN 61326-1:2013	EN 61326-3-1:2017
	EN 61000-6-1:2007	EN 61000-6-2:2005
	EN 61000-6-3:2007 + A1:2011	EN 61000-6-4:2007 + A1:2011
	EN 61000-6-7:2015	

Die Übereinstimmung eines Baumusters des bezeichneten Produktes mit der oben genannten Maschinenrichtlinie wurde bescheinigt durch:

Consistency of a production sample with the marked product in accordance to the above machiney directive has been certified by:
La conformité d'un échantillon du produit désigné aux directives machines susmentionnées a été certifiée par:

Benannte Stelle: TÜV Rheinland Industrie Service GmbH,
Certification office: / l'organisme notifié: Am Grauen Stein, 51105 Köln
NB0035

Nummer der benannten Stelle:
Number of certification office: / Numéro de l'organisme notifié:
Nummer der Bescheinigung: 01/205/5025.02/22
Certification number: / Numéro de certificat:

Ausstelldatum : 12.01.2022
Date of issue: / Date de délivrance:

Für die Zusammenstellung der technischen Unterlagen ist bevollmächtigt:

For the compilation of technical documents is authorized:
Pour la composition des documents techniques est autorisé:

Gamal Hagar – Entwicklungsleiter / R&D Manager

Rechtsverbindliche Unterschrift:

Signature of authorized person:
Signature autorisée :

Christian Dold – Produktmanagement / Productmanagement

Ort, Datum : Furtwangen, 18.01.2022
Place, Date: / Lieu, date:

Diese Original - Erklärung bescheinigt die Übereinstimmung mit den genannten Richtlinien, beinhaltet jedoch keine Zusicherung von Eigenschaften. Die Sicherheitshinweise der Produktdokumentation sind zu beachten.

This original declaration confirms the conformity of the mentioned directives but does not comprise any guarantee of the product characteristics. The safety directives of the product documentation are to be considered.

Cette déclaration originale certifie la conformité des directives nommées mais ne comprend aucune garantie des caractéristiques du produit. Les directives de sécurité de la documentation du produit sont à considérer.

DE	UK-Konformitätserklärung
EN	UK Declaration of Conformity
FR	Déclaration de conformité UK
IT	Dichiarazione di conformità UK

UK Declaration of Conformity



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Germany

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LG5924.kkttccc tt = PS, PC
optional ccc = /60 .. /69

The indicated product is in conformance with the regulations of the following British regulations:

Supply of Machinery (Safety) Regulations: S.I. 2008 No. 1597

Electromagnetic Compatibility Regulations: S.I. 2016 No. 1091

RoHS Regulations: S.I. 2012 No. 3032

Designated standards:

EN ISO 13849-1:2015	EN IEC 62061:2021
EN 62061:2005 + AC:2010 + A1:2013 + A2:2015	EN 61508 Parts 1-7:2010
EN IEC 60664-1:2020 + AC:2020	EN 60664-1:2007
EN 61326-1:2013	EN 61326-3-1:2017
EN 61000-6-1:2007	EN 61000-6-2:2005
EN 61000-6-3:2007 + A1:2011	EN 61000-6-4:2007 + A1:2011
EN 61000-6-7:2015	

Consistency of a production sample with the marked product in accordance to the above machiney directive has been certified by:

Certification office: TÜV Rheinland UK Ltd., Friars Gate(Third Floor),
1011 Stratford Road, Shirley, Solihull B90 4BN, United Kingdom
2571

Number of certification office:

Certification number: 01/205U/5025.00/22

Date of issue: 2022-05-06

For the compilation of technical documents is authorized: **Signature of authorized person:**

Dold Industries Ltd

11 Hamberts Rd. Blackall Ind. Estate
South Woodham Ferrers
GB - Essex, CM3 5UW

ppa. Ch. Dold

Christian Dold - Productmanagement

Place, Date : Furtwangen, 2022-05-12

This original declaration confirms the conformity of the mentioned directives but does not comprise any guarantee of the product characteristics. The safety directives of the product documentation are to be considered.



