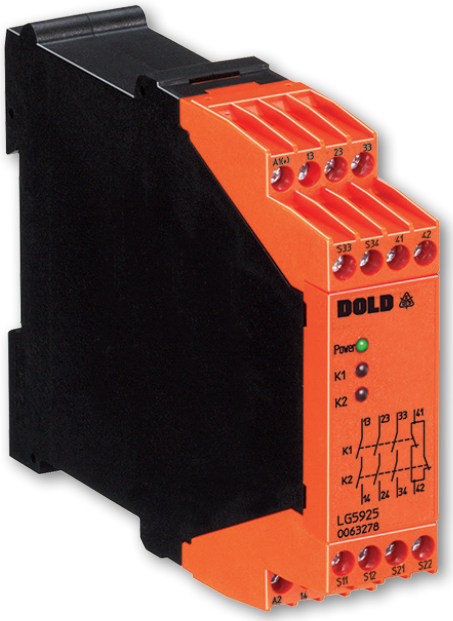


SAFEMASTER
Light Curtain Controller
LG 5925/900

Translation
of the original instructions

E. Dold & Söhne GmbH & Co. KG
Bregstraße 18 • 78120 Furtwangen • Germany
Phone: +49 7723 654-0 • Fax +49 7723 654356
dold-relays@dold.com • www.dold.com

0262815

Contents

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 electrican!

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 5925/900 is used for safe interruption of a safety circuit. It can be used to protect people and machines in applications with light curtains.
When used in accordance with its intended purpose and following these operating instructions, this device presents no known residual risks. Non-observance 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.

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

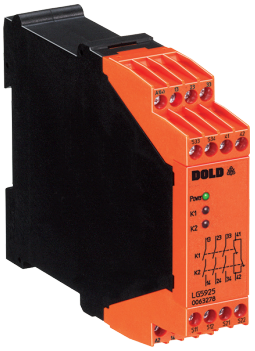
- Make sure of sufficient protection circuitry at all output contacts for capacitive and inductive loads.

Attention!

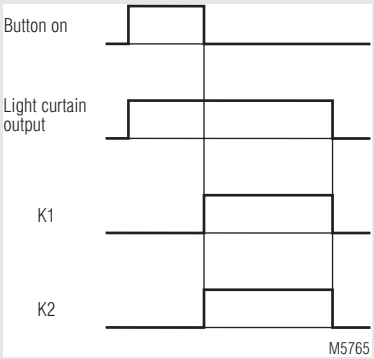
- The safety function must be triggered during commissioning.
- If a line fault occurs after the voltage has been connected to S12, S22, the unit will be activated because this line fault is similar to the normal On-function.
- Switch S1 must not be set while device is under supply voltage.
- AUTOMATIC START !
  According to IEC/EN 60204-1 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

SAFEMASTER
Light Curtain Controller
LG 5925/900

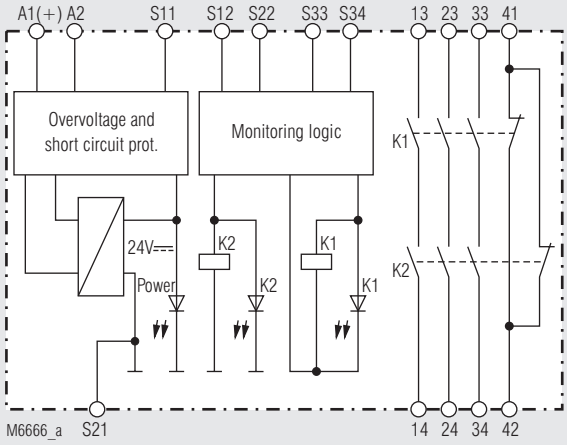
0255047



Function Diagram



Block Diagram



- **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 and IEC/EN 61511**
- According to EN 50156-2 for furnaces
- For light curtains with symmetric or asymmetric outputs adjustment with switch S1
- Output: Max. 4 NO contacts, see contacts
- Single and 2-channel operation
- Line fault detection on On-button
- Manual restart or automatic restart, switch S2
- LED indicator for channel 1, 2 and supply voltage
- Removable terminal strips
- Wire connection: Also 2 x 1.5 mm² stranded ferruled, or 2 x 2.5 mm² solid DIN 46228-1/-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

Approvals and Markings

Product Safety Functional Safety
TÜVRheinland CERTIFIED
www.tuv.com ID 0600000000
c UL us LISTED
Canada / USA

Applications

Protection of people and machines
- Light curtain controller for light curtains with selftesting (Type 4) according to IEC/EN 61496-1
- Usage in furnace application in continuous operation acc. to EN 50156-1

Indicators

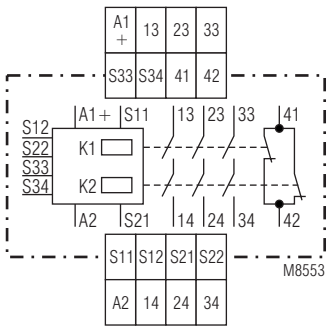
LED Power:	On when supply connected
LED K1/K2:	On when relay K1 and K2 energized

Notes

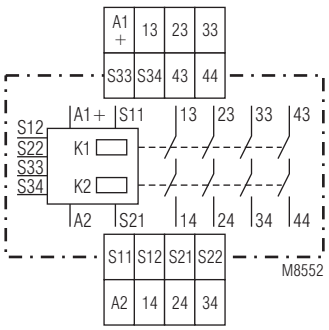
Line fault detection on On-button:
The line fault detection is only active when S12 and S22 are switched simultaneously. If The On-button is closed before S12, S22 is connected to voltage (also when line fault across On-Button), the output contacts will not close. A line fault across the On-button which occurred after activation of the relay, will be detected with the next activation and the output contacts will not close.

When using light curtains with asymmetric outputs (one output + switching, one output - switching) the MINUS switching output has to be connected to S22 and the Plus switching to S12.

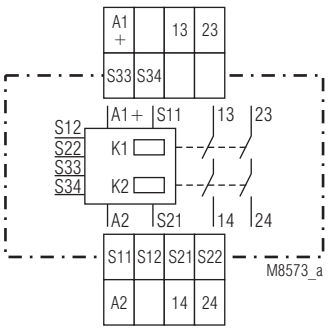
Circuit Diagrams



LG 5925/900.48



LG 5925/900.04



LG 5925/900.02

Connection Terminals

Terminal designation	Signal description
A1+	DC 24 V
A2	0 V
S12, S22, S33, S34	Inputs
S11, S21	Reference points to measure the control voltage
13, 14, 23, 24, 33, 34, 43, 44	Forcibly guided NO contacts for release circuit
41, 42	Forcibly guided indicator output

Technical Data

Input Circuit

Nominal Voltage U_N: DC 24 V
Voltage range: 0.9 ... 1.1 U_N
Nominal consumption: DC approx. 1.7 W
Min. Off-time: 250 ms
Control voltage on S11 at U_N: DC 22.5 V
Control current typ. over S12, S22: 35 mA at U_N
Min. voltage on S12, S22 when relay activated: DC 21 V
Short-circuit protection: Internal PTC
Overvoltage protection: Internal VDR

Output

Contacts
LG 5925.02: 2 NO contacts
LG 5925.04: 4 NO contact
LG 5925.48: 3 NO, 1 NC contact

The NO contacts are safety contacts.
The NC contacts 41-42 can only be used for monitoring.

Operate delay typ. at U_N:
Manual start: 20 ms
Automatic start: 350 ms
Release delay typ. at U_N:
Disconnecting S12, S22: 15 ms
Contact type: Forcibly guided
Nominal output voltage: AC 250 V
DC: See arc limit curve
Thermal current I_{th}: Max. 8 A per contact
see quadratic total current limit curve

Switching capacity
to AC 15:
NO contacts: 3 A / AC 230 V IEC/EN 60947-5-1
NC contacts: 2 A / AC 230 V IEC/EN 60947-5-1
to DC 13:
NO contacts: 2 A / DC 24 V IEC/EN 60947-5-1
NC contacts: 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 contact life
to 5 A, AC 230 V cos φ = 1: > 2.2 x 10^5 switching cycles
Permissible operating frequency: Max. 1200 operating 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: > 20 x 10^6 switching cycles

Technical Data

General Data

Operating mode: Continuous operation
Temperature range
Operation: - 25 ... + 60 °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: - 40 ... + 85 °C
Altitude, Clearance and creepage distances
Rated impuls voltage / pollution degree: IEC 60664-1

≤ 2000 m	> 2000 m up to ≤ 4000 m
4 kV / 2	2.5 kV / 2

EMC EN 61326-3-1, EN 61000-6-7
Interference suppression: Limit value class B EN 55011
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 IEC/EN 60068-2-6
frequency 10 ... 55 Hz
Climate resistance: 25 / 060 / 04 IEC/EN 60068-1
Terminal designation: EN 50005
Wire fixing: Plus-minus terminal screws M 3.5
box terminals with wire protection or cage clamp terminals
Mounting: DIN rail IEC/EN 60715
Weight: 220 g (DC unit)

Dimensions

Width x height x depth:
LG 5925: 22.5 x 90 x 121 mm
LG 5925 PC: 22.5 x 111 x 121 mm
LG 5925 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
Ambient temperature: - 25 … + 55 °C
Altitude: ≤ 2000 m

Switching capacity
LG 5925.04/900
Ambient temperature 35 °C: Pilot duty B300
8A 250Vac Resistive
8A 24Vdc Resistive or G.P.
Ambient temperature 55 °C: Pilot duty B300
4A 250Vac Resistive
4A 24Vdc Resistive or G.P.

LG 5925.02/900, LG 5925.48/900
Ambient temperature 45 °C: Pilot duty B300
8A 250Vac Resistive
8A 24Vdc Resistive or G.P.
Ambient temperature 55 °C: Pilot duty B300
6A 250Vac Resistive
6A 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 5925.48/900/61 DC 24 V

Article number:	0063278
• Output:	3 NO contacts, 1 NC contact
• Nominal voltage U_N:	DC 24 V
• Width:	22.5 mm

Ordering Example

LG 5925 ._ _ _ _ /900 /61 DC 24 V

- DC 24 V: Nominal voltage
- /61: UL-approval
- /900: Type of terminals
  - Without indication: Terminal blocks fixed with screw terminals
  - PC (plug in cage clamp): Pluggable terminal blocks with cage clamp terminals
  - PS (plug in screw): Pluggable terminal blocks with screw terminals
- _ _: Contacts
- LG 5925 ._ _: Type

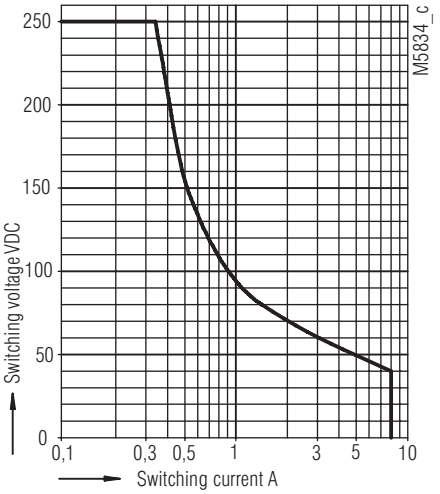
Troubleshooting

Failure	Potential cause
LED "Power" does not light up	- Power supply not connected
LED "K1" lights up, but "K2" remains off	- Safety relay K1 is welded (replace device) - A 1-channel switch-off occurred on S12 (switch channel off on S22)
LED "K2" lights up, but "K1" remains off	- Safety relay K2 is welded (replace device) - A 1-channel switch-off occurred on S22 (switch channel off on S12)
Device cannot be activated	Manual start mode: - Line fault on start-button (disconnect power supply and remove fault) Automatic start mode: - S33-S34 not bridged - A safety relay is welded (replace device) - Incorrect setting of switch S1

Maintenance and Repairs

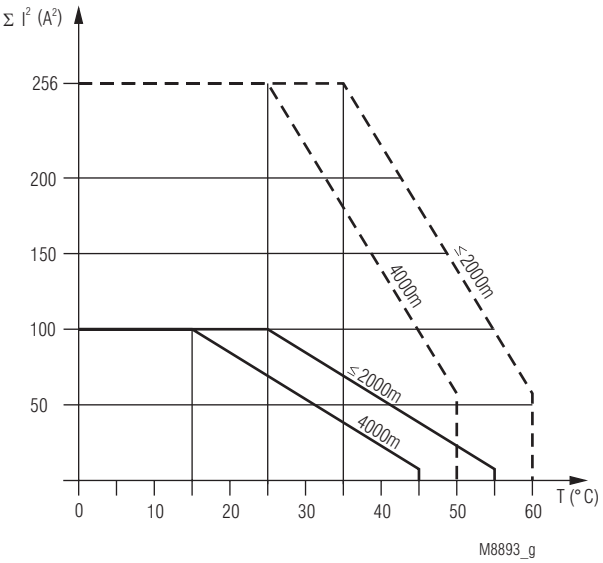
- The device contains no parts that require maintenance.
- In case of failure, do not open the device but send it to manufacturer for repair.

Characteristics



Safe breaking, no continuous arcing,
max. 1 switching cycle / s

Arc limit curve under resistive load



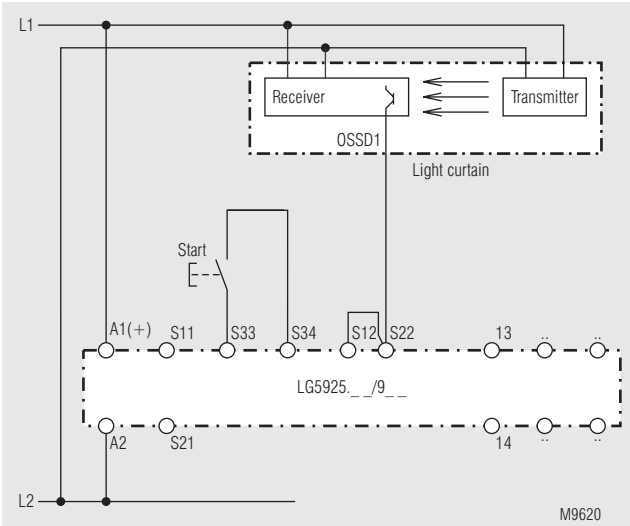
Device mounted away from heat generation components.
Max. current at 60°C (≤ 2000m) or 50°C (4000m) over 4 contact path = 3,8A ≙ $4x3{,}8^2A^2 = 58A^2$

Device mounted without distance heated by devices with same load.
Max. current at 55°C (≤ 2000m) or 45°C (4000m) over 4 contact path = 1A ≙ $4x1^2A^2 = 4A^2$

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

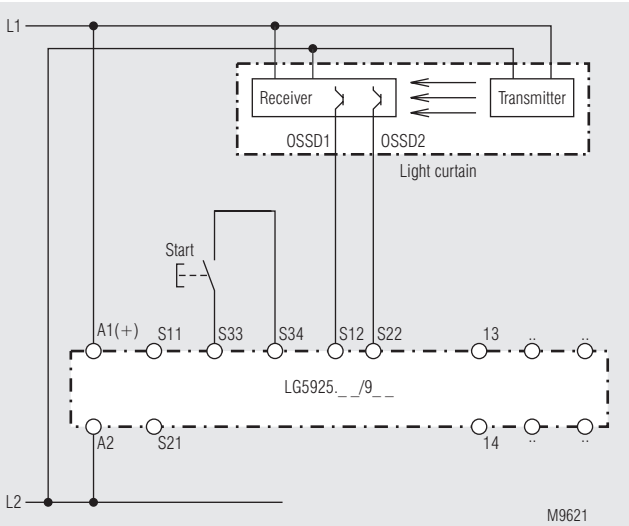
I_1, I_2, I_3, I_4 - Current in contact paths

Quadratic total current limit curve
From an altitude of > 2000 m the curve is adjusted by -0.5 °C / 100 m (see example for 4000 m).

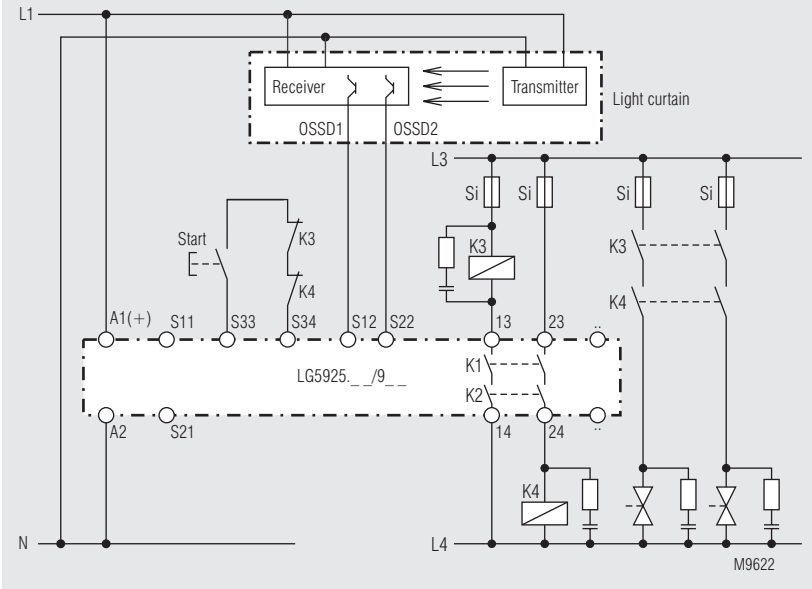


Single channel connection of light curtains with selfttest according to EN 61496-1.
Note: Refer to "Unit programming"!
Switches in pos.: S1 "symmetrical"
S2 "manual"

When autostart link S33 - S34, S2 set to "automatic".
Suited up to SIL2, Performance Level d, Cat. 2

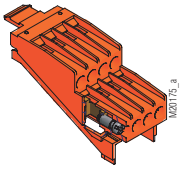
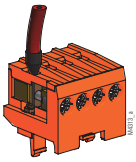
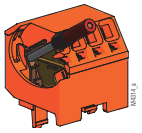
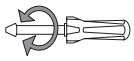
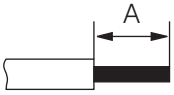
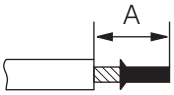
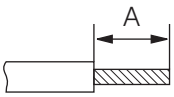


Two channel connection of light curtains with selfttest according to EN 61496-1.
Cross fault detection in the light curtain.
Note: Refer to "Unit programming"!
Switches in pos.:
S1: With symmetric outputs on light curtain switch S1 in position "symmetrical" with asymmetric outputs on light curtains switch S1 in position "asymmetric".
S2: "manual"
Suited up to SIL3, Performance Level e, Cat. 4

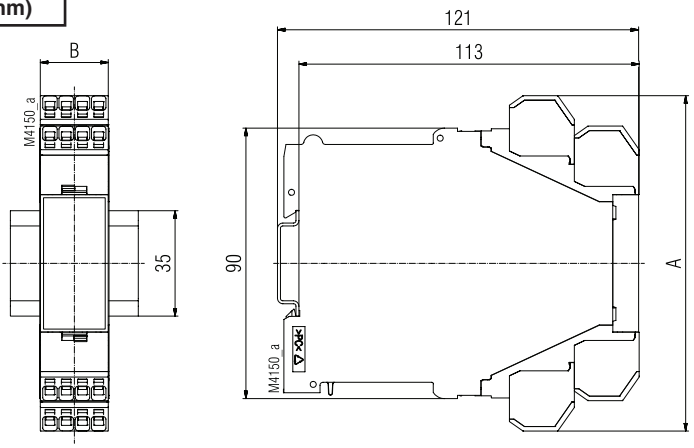


Contact reinforcement and contact extension by external contactors
Note: Refer to "Unit programming"!
Switches in pos.:
Switches in pos.:
S1: With symmetric outputs on light curtain switch S1 in position "symmetrical" with asymmetric outputs on light curtains switch S1 in position "asymmetric".
S2: "manual"
Suited up to SIL3, Performance Level e, Cat. 4

DE	**Anschlusstechnik**
EN	**Connection Technology**
FR	**Technologie de connexion**

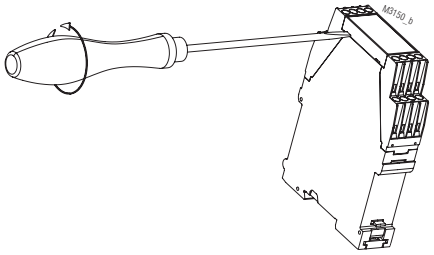
	Schraubklemmen, nicht abnehmbar Screw terminals, fixed Bornes à vis, fixes	Schraubklemmen, abnehmbar Screw terminals, pluggable Bornes à vis, amovibles	Federkraftklemmen, abnehmbar Cage clamp terminals, pluggable Bornes ressorts, amovibles	
		 PS	 PC	
	ø 4 mm / PZ 1 0,8 Nm 7 LB. IN	ø 4 mm / PZ 1 0,8 Nm 7 LB. IN	DIN 5264-A; 0,5 x 3	
 M10248	A = 8 mm 1 x 0,5 ... 4 mm² 1 x AWG 20 to 12 2 x 0,5 ... 2,5 mm² 2 x AWG 20 to 14	A = 8 mm 1 x 0,5 ... 2,5 mm² 1 x AWG 20 to 14 2 x 0,5 ... 1,5 mm² 2 x AWG 20 to 16	A = 10 ... 12 mm 1 x 0,5 ... 2,5 mm² 1 x AWG 20 to 14	A = 12 mm 1 x 0,5 ... 4 mm² 1 x AWG 20 to 12
 M10249	A = 8 mm 1 x 0,5 ... 2,5 mm² 1 x AWG 20 to 14 2 x 0,5 ... 1,5 mm² 2 x AWG 20 to 16	A = 8 mm 1 x 0,5 ... 2,5 mm² 1 x AWG 20 to 14 2 x 0,5 ... 1 mm² 2 x AWG 20 to 18	A = 10 ... 12 mm 1 x 0,5 ... 1,5 mm² 1 x AWG 20 to 16	A = 12 mm 1 x 0,5 ... 2,5 mm² 1 x AWG 20 to 14
 M10250	A = 8 mm 1 x 0,5 ... 4 mm² 1 x AWG 20 to 12 2 x 0,5 ... 2,5 mm² 2 x AWG 20 to 14	A = 8 mm 1 x 0,5 ... 2,5 mm² 1 x AWG 20 to 14 2 x 0,5 ... 1,5 mm² 2 x AWG 20 to 16	A = 10 ... 12 mm 1 x 0,5 ... 2,5 mm² 1 x AWG 20 to 14	A = 12 mm 1 x 0,5 ... 4 mm² 1 x AWG 20 to 12

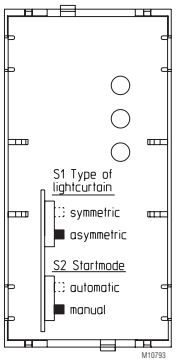
DE	**Maßbild (Maße in mm)**
EN	**Dimensions (dimensions in mm)**
FR	**Dimensions (dimensions en mm)**



	A	B
LG 5925/900	90	22,5
LG 5925/900 PS	104	22,5
LG 5925/900 PC	111	22,5

DE	**Geräteprogrammierung**
EN	**Setting**
FR	**Programmation de l'appareil**



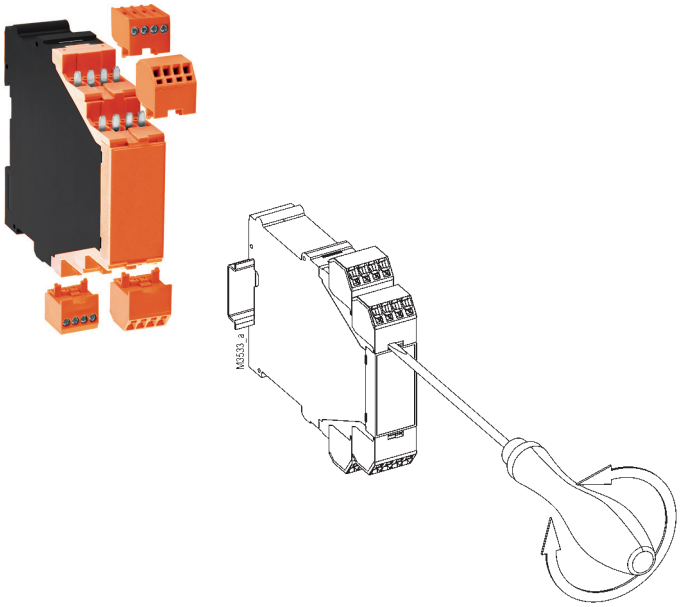


DE	S1 Lichtschrankenausgang ☐ symmetrisch ■ unsymmetrisch
FR	S1 Sortie B.I. ☐ symétrique ■ asymétrique

DE	S2 Start ☐ Auto ■ Hand
FR	S2 Reset ☐ Auto ■ Manu

DE	S1 darf nur bei unbestromtem Gerät betätigt werden! Die Schalterstellung zeigt den Lieferzustand.
EN	Disconnect unit before setting of S1 Drawing shows setting at the state of delivery
FR	Commutation de S1 uniquement hors tension. Appareil livré tel que sur le schéma.

DE	**Montage / Demontage der PS / PC-Klemmenblöcke**
EN	**Mounting / Disassembly of the PS / PC-terminal blocks**
FR	**Montage / Démontage des borniers ammovibles PS / PC**



DE	**Demontage der steckbaren Klemmenblöcke (Stecker)** 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	**Removing the terminal blocks with cage clamp terminals** 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	**Démontage des borniers amovibles** 1. Mise hors tension de l'appareil 2. Enfoncer un tourne-vis dans la fente entre la face avant et le bornier 3. Tourner le tourne-vis pour libérer le bornier 4. Tenir compte du fait que les borniers ne doivent être montés qu'à leur place appropriée

DE	**Sicherheitstechnische Kenndaten**
EN	**Safety Related Data**
FR	**Données techniques sécuritaires**

EN ISO 13849-1:		
Kategorie / Category:	4	
PL:	e	
$MTTF_d$:	216,7	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 IEC/EN 61511:		
SIL CL:	3	IEC/EN 62061
SIL:	3	IEC/EN 61508, IEC/EN 61511
HFT*):	1	
DC:	99,0	%
PFH_D:	1,1E-10	h^{-1}
PFD_{AVG}:	8,2E-05	(Low Demand Mode)
T_1:	20	a (year)

*) HFT = Hardware-Fehlertoleranz
Hardware failure tolerance
Tolérance défauts Hardware

Anforderung seitens der Sicherheitsfunktion an das Gerät im High Demand Mode Demand to our device based on the evaluated neccessary safety level of the application at High Demand Mode Consigne résultant de la fonction sécuritaire de l'appareil au High Demande Mode		Intervall für zyklische Überprüfung der Sicherheitsfunktion Intervall for cyclic test of the safety function Interval du contrôle cyclique de la fonction sécuritaire
nach, acc. to, selon EN ISO 13849-1	PL e with Cat. 3 or Cat. 4	einmal pro Monat once per month mensuel
	PL d with Cat. 3	einmal pro Jahr once per year annuel
nach, acc. to, selon IEC/EN 62061, IEC/EN 61508	SIL CL 3, SIL 3 with HFT = 1	einmal pro Monat once per month mensuel
	SIL CL 2, SIL 2 with HFT = 1	einmal pro Jahr once per year annuel

Info

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.

DE	**EG-Konformitätserklärung**
EN	**CE-Declaration of Conformity**
FR	**Déclaration de conformité européenne**

EG - Konformitätserklärung
Declaration of Conformity
Déclaration de conformité européenne

Hersteller:
Manufacturer: / Fabricant:
Anschrift:
Address: / Adresse:

E. Dold & Söhne GmbH & Co. KG

Bregstraße 18
78120 Furtwangen
Germany

Produktbezeichnung: Not-Aus-Modul
Product description: *Emergency-stop-module*
Désignation du produit: *Module arrêt d´urgence*

LG5925.kkccc
LG5925.kkttccc
LG5925.kk/900ccc
LG5925.kktt/900ccc
LG5925.kk/920ccc

mit: / *with:* / *avec:*

kk = 02, 03, 04, 48, 54
kk = 02, 04, 48 (für / for / pour /900, /920)
tt = PS, PC
optional ccc = /60 .. /69

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

Prüfgrundsätze:
Basis of Testing:
Lignes de contrôle:

EN ISO 13849-1:2015
EN 62061:2015 + A1:2013 + A2:2015
EN 50156-2:2015
EN 61000-6-1:2007
EN 61000-6-3:2007 + A1:2011 + AC:2012
EN 61326-3-1:2017
EN 60947-5-1:2005 + A1:2009
EN 50178:1997
EN 61508 Parts 1-7:2010
EN 61000-6-2:2005 + AC:2005
EN 61000-6-4:2007 + A1:2011
EN 55011:2009 + A1:2010

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:
Certification office: / l´organisme notifié:
TÜV Rheinland Industrie Service GmbH
Am Grauen Stein, 51105 Köln

Nummer der benannten Stelle:
Number of certification office:/ Numéro de l´organisme notifié:
0035

Nummer der Bescheinigung:
Certification number: / Numéro de certificat:
01/205/5197.03/21

Ausstelldatum :
Date of issue: / Date de délivrance:
24.03.2021

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 du PDG :

ppa. Ch. Dold

Christian Dold, Produktmanagment

Ort, Datum : Furtwangen, 10.06.2021
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**

UK Declaration of Conformity

Manufacturer: **E. Dold & Söhne GmbH & Co. KG**

Address: Bregstraße 18
78120 Furtwangen
Germany

Product description: Emergency Stop Module

LG5925.kkccc
LG5925.kkttccc
LG5925.kk/900ccc
LG5925.kktt/900ccc
LG5925.kk/920ccc

mit:
kk = 02, 03, 04, 48, 54
kk = 02, 04, 48 (für / for / pour /900, /920)
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 62061:2005 + AC:2010 + A1:2013 + A2:2015
EN 50156-2:2015
EN 61000-6-1:2007
EN 61000-6-3:2007 + A1:2011
EN 61000-6-7:2015
EN 61326-1:2013
EN 50178:1997
EN 61508 Parts 1-7:2010
EN 61000-6-2:2005
EN 61000-6-4:2007 + A1:2011
EN 55011:2016 + A1:2017
EN 61326-3-1:2017

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

Number of certification office: 2571

Certification number: 01/205U/5107.00/22

Date of issue: 2022-07-28

For the compilation of technical documents is authorized:

Dold Industries Ltd

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

Signature of authorized person:

ppa. A. Dold

Christian Dold - Productmanagement

Place, Date : Furtwangen, 2022-08-23

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.

DE	**Notizen**
EN	**Notice**
FR	**Note**

DE	**Notizen**
EN	**Notice**
FR	**Note**