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SITECO Connect

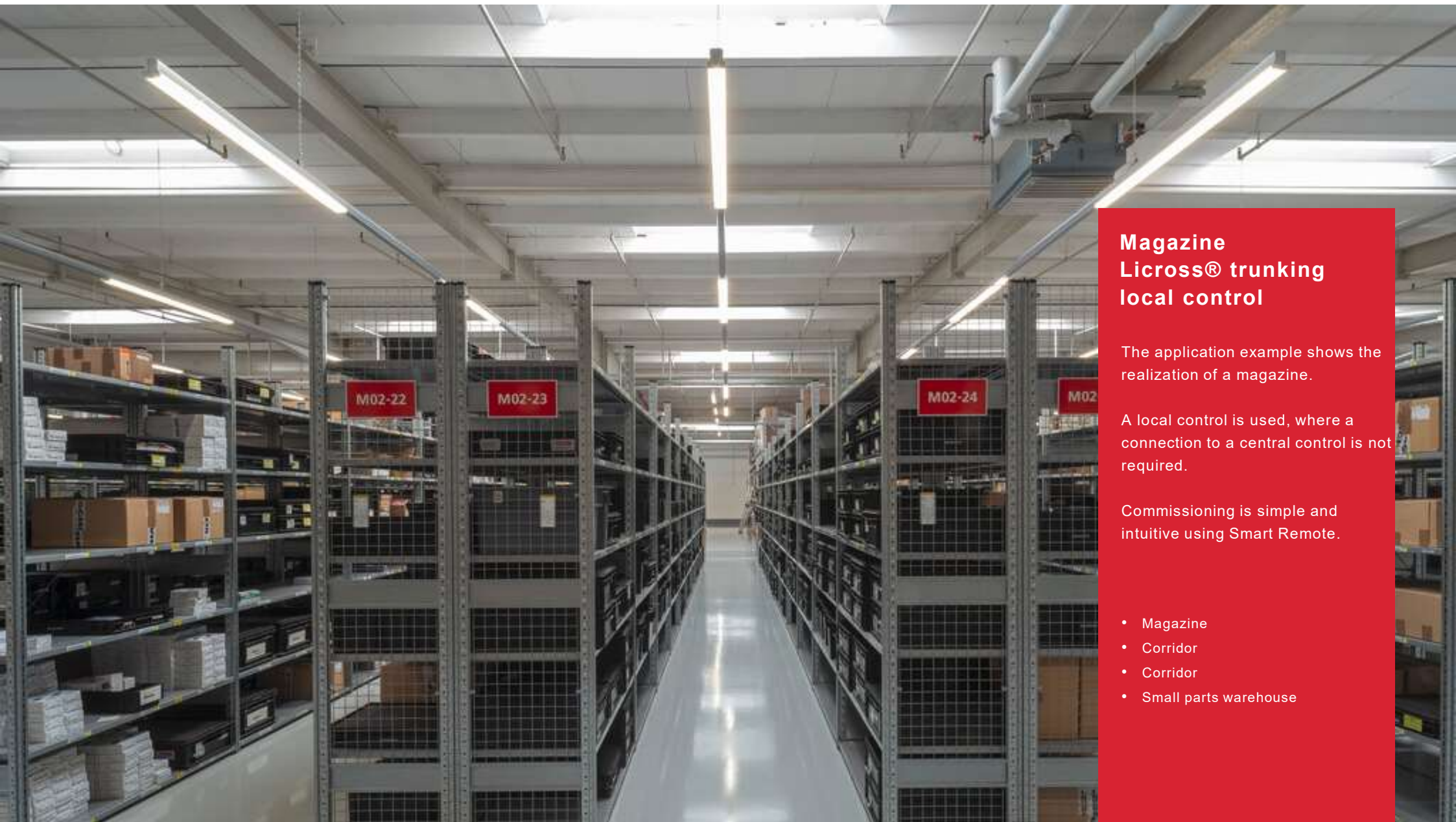
Application scenarios Magazine

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Magazine

Application scenarios		
Application	Magazine	
Control system	local control	central control system
Luminaire	Licross ® trunking 	Licross ® trunking 
Energy saving basic function		
Daylight threshold value	•	•
Daylight regulation/control		•
Motion detection	•	•
manual controller		•
Basic lighting during absence	•	•
Additional functions		
Flexible grouping		•
Time functions		•
Passage lighting		•
energy monitoring		•
Application examples		
Link to	Page 3	Page 8



Magazine Licross® trunking local control

The application example shows the realization of a magazine.

A local control is used, where a connection to a central control is not required.

Commissioning is simple and intuitive using Smart Remote.

- Magazine
- Corridor
- Corridor
- Small parts warehouse

Magazine



Efficiency through integrated basic energy-saving functions



Safety through sensors with high detection quality



Simplicity through minimized cabling and commissioning effort



Modularity and **freedom** in planning thanks to the Licross® family concept



Retrofitting through modular sensor interfaces in existing plants

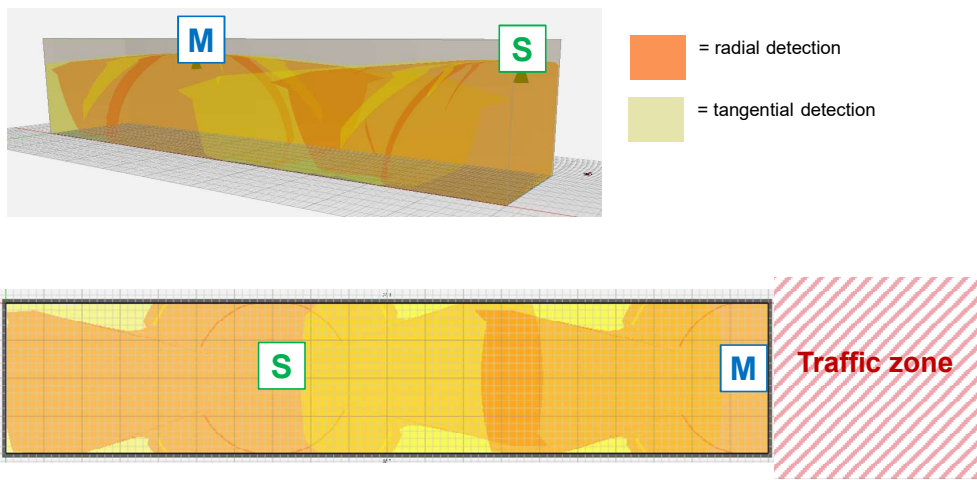


Future-proof through the use of open Standards



Magazine

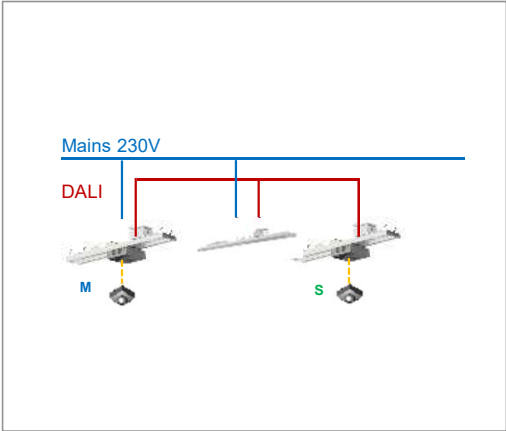
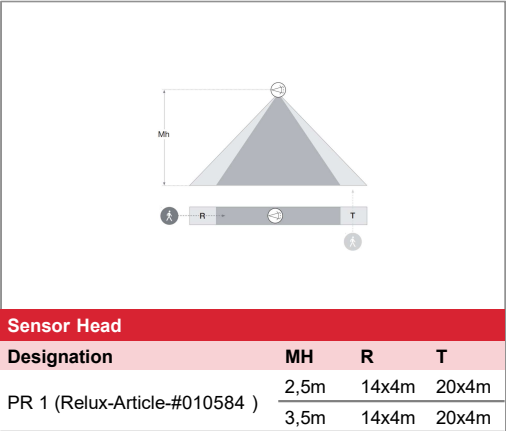
Example (LPH = 3.5m, length = 20m, width = 4m)

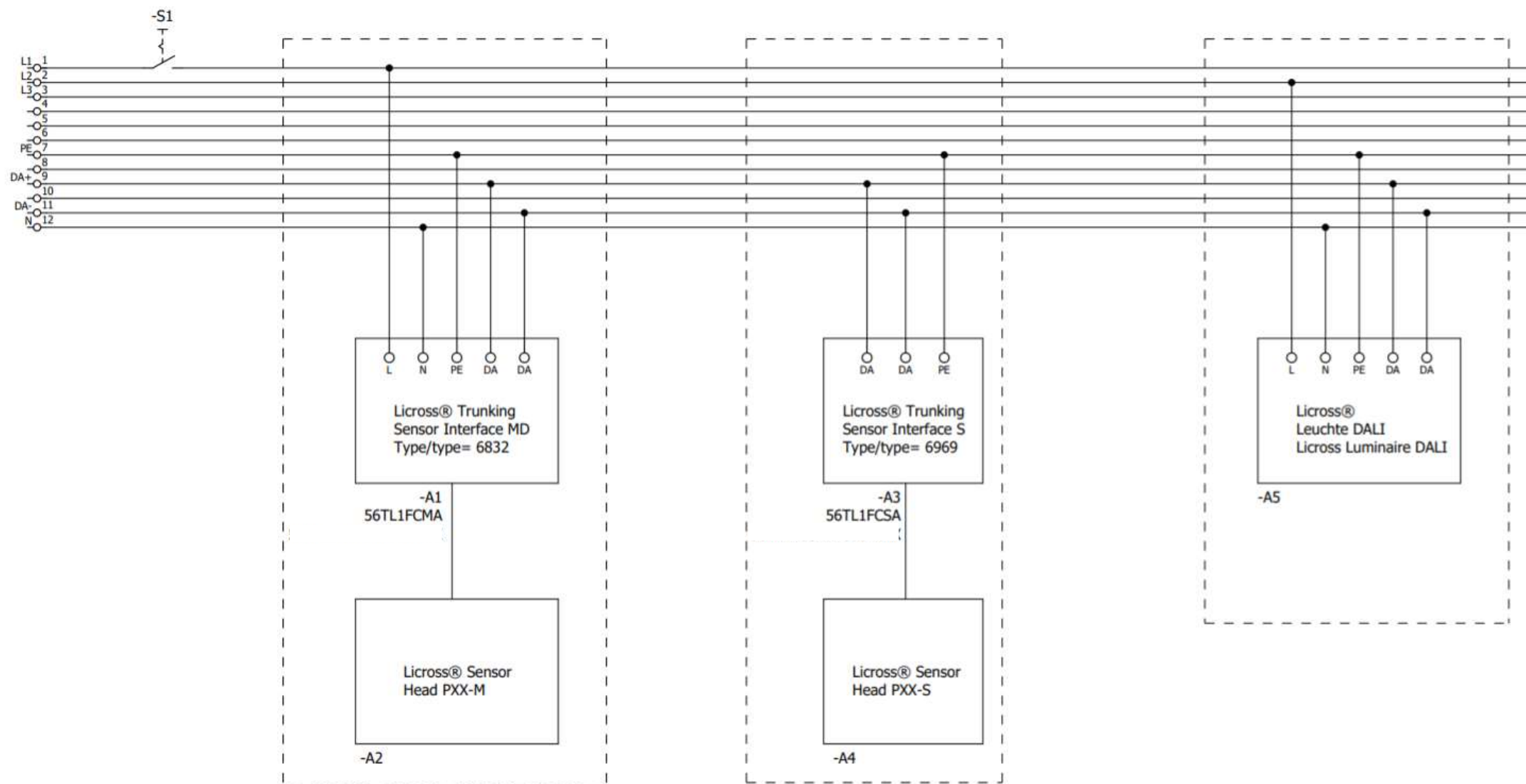


- Observe during planning:
- **S** = immediate detection at entrance or entry (radial, sensor facing the traffic zone dimmed)
 - plan area detection with radial Erf. area!
 - **M** = master sensor in the darkest part of the lighting group
- For other mounting heights, please refer to the Erf. range table!

Which products are required?		
Designation	Function	Order no.
Licross® DALI luminaire & rail		specifically
Licross® sensor interface MD + Sensor Head PR1-M	Master M	56TL1FCMA 59US1HXMPR1A
Licross® sensor interface S + Sensor Head PR1-S	Slave S	56TL1FCSA 59US1HXSPR1A
Smart Remote	Commissioning	59UC3RCA

Maximum system sizes				
# DALI ECG	Max. 30	Max. 27	Max. 24	Max. 21
# Master	1x M	1x M	1x M	1x M
# Slave	0x S	1x S	2x S	3x S





Magazine

Commissioning

only possible via interface MD (with sensor heads).

Inventory function (optional)

S1 open: Motion sensor system deactivated

S1 closed: Motion sensor system activated

Note

The contents presented in the document are only an example of the plant design. The control installation plan is part of the factory and installation planning, but does not replace the detailed planning of the executing installer. All line and circuit dimensions, line types, fire bulkheads, routing, etc. must be planned individually by the installer.



Magazine Licross® trunking central control system

The application example shows the realization of a magazine.

A central control system is used, with which diverse and flexible functions can be individually programmed.

Customer-specific requirements are thus implemented quickly and easily.

- Magazine
- Corridor
- Corridor
- Small parts warehouse

Magazine



Efficiency through integrated basic energy-saving functions



Safety through sensors with high detection quality



Modularity and **freedom** in planning thanks to the Licross® family concept



Retrofitting through modular sensor interfaces in existing plants



Future-proof through the use of open Standards



Maximum **Flexibility** through individual addressing, thereby adapting to changing needs.



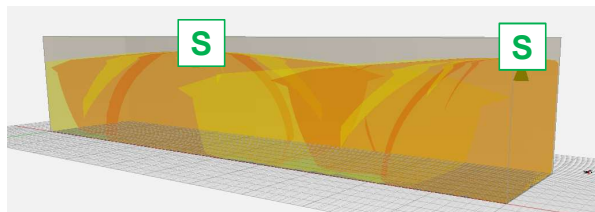
Central control and monitoring functions enable **Dashboards** on the system status.

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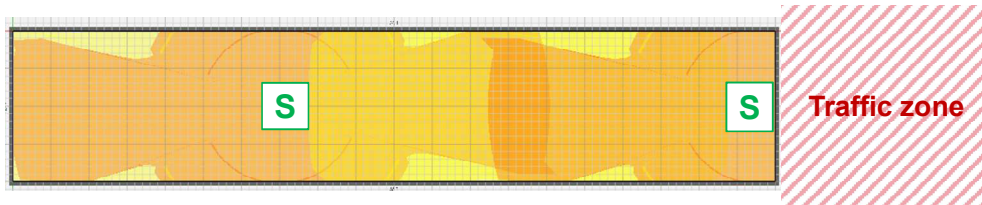


Magazine

Example (LPH = 3.5m, length = 20m, width = 4m)



= radial detection
 = tangential detection



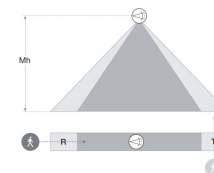
Observe during planning:

- **S** = immediate detection at entrance or entry (radial, sensor facing the traffic zone dimmed)
 - plan area detection with radial Erf. area!
- For other light point heights, please refer to Erf.

Which products are required?		
Designation	Function	Order no.
Licross® DALI luminaire & rail		specifically
Licross® sensor interface + Sensor Head PR1-S	DALI 2	56TL1FCSA 59US1HXSPR1A
SITECO Connect I/O basic package with TouchPanel	S/P (1-12 DALI lines) M/P (1-18 DALI lines)	5LZ930101 5LZ930103
SITECO Connect I/O basic package with Top-hat rails PC	S/D (1-12 DALI lines) M/D (1-18 DALI lines)	5LZ930100 5LZ930102

SITECO Connect I/O - maximum system sizes

# DALI ECG	max. 63 per DALI 2 line
# Sensors	max. 30 per DALI 2 line (Attention, pay attention to current consumption! Max. output current of the DALI controller must not be exceeded).

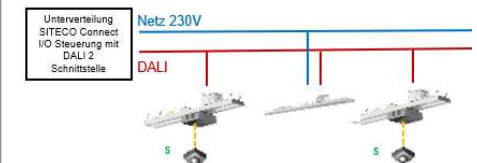


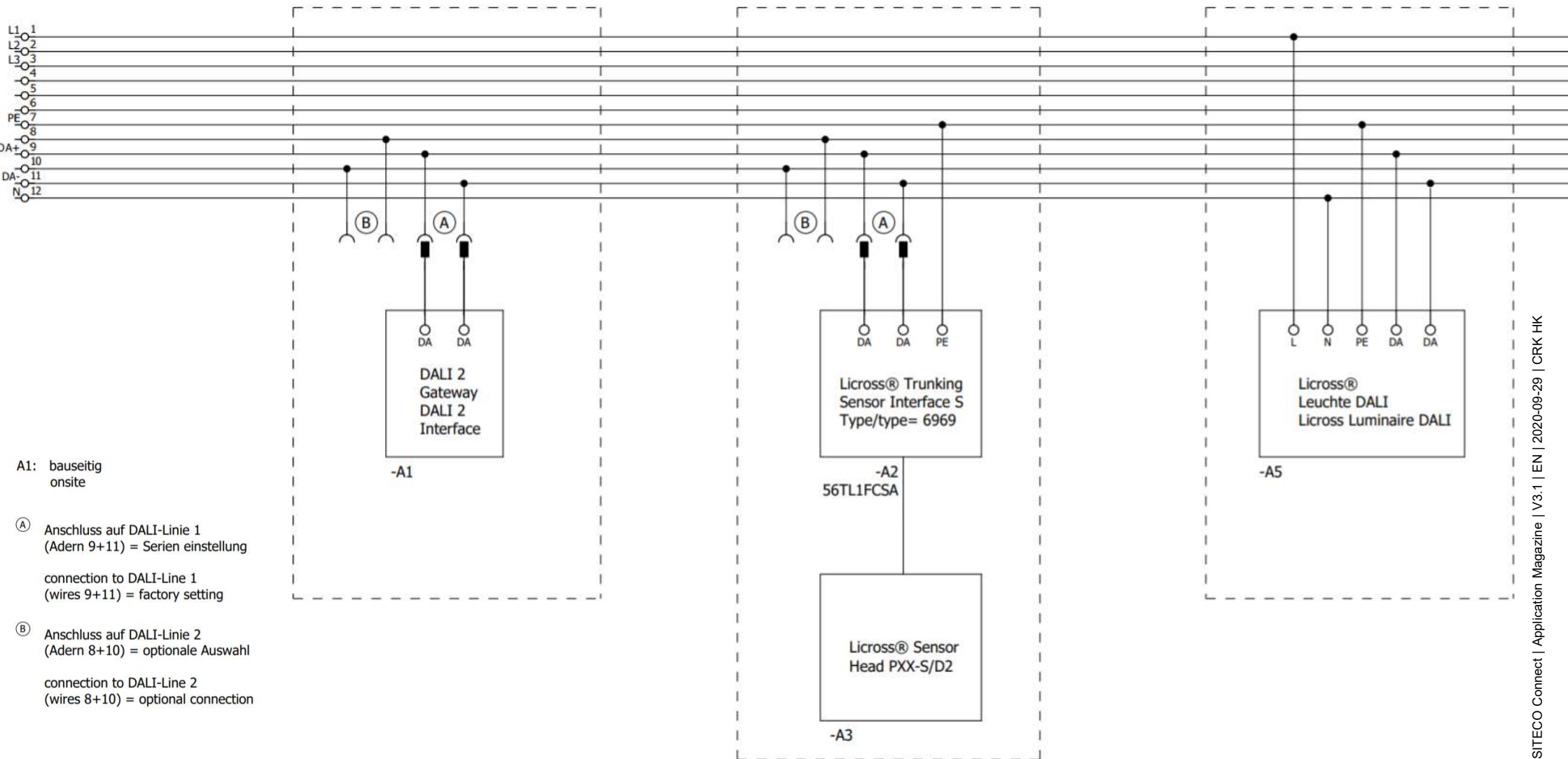
Sensor Head

Designation	MH	R	T
PR 1 (Relux-Article-#010584)	2,5m	14x4m	20x4m
	3,5m	14x4m	20x4m

Sub-distribution
SITECO Connect I/O control with DALI 2 interface

Elektrotechnisches Schema





Magazine

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