



### General Data

Type reference:	DSTI, DSTO
Description:	Modular contact block (positive opening contact), PUSH-IN connection
Approvals:	CCC, cCSAus, CE, DNVGL, KEMA KEUR, TÜV_Süd
Protection class:	II (protective insulation)
Operation travel:	5 mm
Connection type:	push-in connection/0.75 ... 2.5 mm <sup>2</sup>
Contact material:	AgNi
Max. storage temperature:	-50°C ... 85°C
Max. operating temperature:	-25°C ... 55°C, with/without illumination
Mechanical life:	1 million
Electrical life (rated load):	100.000 at rated load
Contact resistance NO:	< 20 mOhm (new state)
Contact resistance NC:	< 20 mOhm (new state)
Min. current:	5 mA (under laboratory conditions)
Min. voltage:	24 V
Bouncing time NC:	< 10ms
Positive opening contact:	acc. to EN60947-5-1, appendix K

### Electrical data acc. to IEC/EN 60947-5-1 (VDE 0660 Sect. 200)

	alternate current	direct current
Utilisation category:	AC15 A600	DC13 Q300
Rated insulation voltage Ui:	600 V	400V
Rated operating voltage Ue:	240V / 380V	250V / 125V / 60V / 24V
Rated operating current Ie:	3A / 1.9A	0.27 A / 0.55 A / 1 A / 2 A
Breaking capacity:	10Ie	1,1Ie
Continuous thermal current:	16 A	

### Electrical data acc. to IEC/EN 61058-1 (VDE 0630 Sect. 1)

Rated voltage Ue:	250 V~ / 400 V~
Rated current Ie:	16(10) A / 10(5) A
Technical Data - Lamp	
Lamp socket:	BA9s
Max. lamp voltage:	250V
Max. lamp output:	2 W
Definition:	X1...anode, X2...cathode

### Electrical features - 5µm gold-plating, type addition \_AU

Switching voltage:	20mV ... 42V AC/DC
Switching current:	1mA ... 250mA
Contact resistance (new state):	< 50 mOhm

### Additional data

Stripping length:	8...10 mm
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### Note

O = NC contact; I = NO contact  
 Min. operating temperature when assembled with KRJ...actuators: -40°C...

# Contact blocks DS...

spring-clamp connections

made in germany



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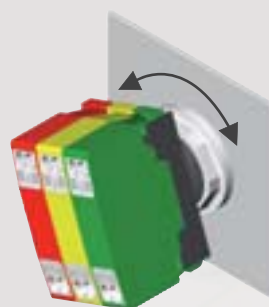
Terminal Blocks

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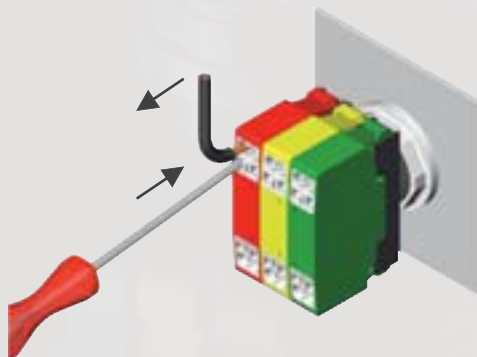

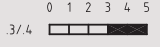
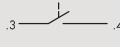






Illustration	Description	Type
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IP20  
↓ 5mm

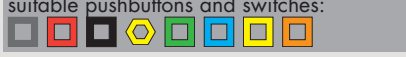


**Modular contact block, momentary 1NO**  
 push-in connection/0.75 ... 2.5 mm<sup>2</sup>







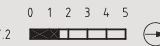
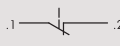
suitable pushbuttons and switches:







Contact material: AgNi **DSTI**

IP20  
↓ 5mm




**Modular contact block, momentary 1NC**  
 push-in connection/0.75 ... 2.5 mm<sup>2</sup>







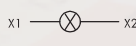
suitable pushbuttons and switches:





Contact material: AgNi **DSTO**

IP20  

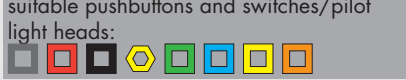





**Lamp module**  
 push-in connection/0.75 ... 2.5 mm<sup>2</sup>  
 max. 250V 2W  
 Lamp socket BA9s






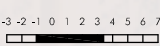
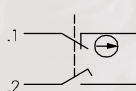
suitable pushbuttons and switches/pilot light heads:





Colour: yellow **DSL9**

IP20  
↓ 5mm




**Self-monitoring emergency contact block, requires only one place in the module holder 1NC (+ 1NO)**  
 push-in connection/0.75 ... 2.5 mm<sup>2</sup>  
 The safety contact permanently monitors the proper connection between the emergency-stop button and the contact element. If, due to a negligent assembly or mechanical damage, the emergency-stop button is separated from the contact element, the safety contact disconnects immediately and the machine is stopped.

suitable pushbuttons and switches:



Contact material: AgNi **DSTOSDE**

# Contact blocks DS...

spring-clamp connections

MADE IN GERMANY



Illustration

Description

Type

IPO0



### Connection module

push-in connection/0.75 ... 2.5 mm<sup>2</sup>  
serves to connect the illuminated  
emergency-stop actuators via push-in  
connection.

The DSAL module is snapped into the  
module holder DMR.

12-30V, AC/DC, max. 44mA



Colour:

white

DSAL



### Module holder for 3 modules

DMR

with bayonet, to combine the modular  
contact blocks with the actuators

## Accessories



### Ultra-bright LED, BA9s socket

with integrated bridge rectifier for  
24V AC/DC, 15mA

Colour:

white

LD9-24UW



### Mega-bright LED, BA9s

with integrated bridge rectifier for  
24V .. 28V AC/DC, 15.5mA (typ. 24V)

Colour:

white

LD9-24MW



### Ultra-bright LED, BA9s

with integrated single-wave rectifier for  
230V AC, 3mA

Colour:

white

LD9-230UW



### Flashing LED, BA9s

for 24V

Colour:

green

LB9-24G

red

LB9-24R

yellow

LB9-24Y

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