

Double-Handle Controller

D64 / DD64



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The Double-Handle Controller D64/DD64 is a robust controller used commonly in crane and hoisting applications. The modular design enables the switching device to be used universally.

Technical data

Mechanical life D64	10 million operating cycles
Mechanical life DD64	20 million operating cycles
Operation temperature	-40°C to +85°C
Degree of protection	Up to IP54 front



		Example									
		D64	S5	Q	/	Q	-01 Z P	+03A R C	-A05 P134	+A110 C01	-X
Basic unit											
D64	Double-Handle Controller										
Control-handle extended											
S5	-20 mm										
Grip- control handle left											
Q	T-grip										
Grip- control handle right											
Q	T-grip										
Axis 1 (direction 1-2)											
01	2 contacts (2A 250 V AC15)										
Z	Spring return										
P	Potentiometer										
Axis 2 (direction 3-4)											
03A	6 contacts (4A 250 V AC15)										
R	Friction brake										
C	Opto-electronical encoder										
Description axis 1 (direction 1-2)											
A05	Arrangement MSP21										
P134	Potentiometer T396 2 x 5 kOhm										
Description axis 2 (direction 3-4)											
A110	Arrangement MSP 24-0										
C01	OEC 2-1-1										
Special model											
X	Special / customer specified										

Technical details may vary based on configuration or application! Technical data subject to change without notice!

Double-Handle Controller

D64 / DD64

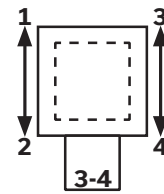
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Combination possibilities with our handles



	D64	S5	Q	/	Q	-01 Z P	+03 A R C	-A05	P134	+A110	C01	-X
Basic unit												
D64												
Reinforced version												
DD64												
Control-handle long												
Standard 180 mm*												
S5 -20 mm												
S8 +20 mm												
*Only in combination with knob!												
Grip- control handle left												
Knob												
M Mechanical zero interlock												
T Dead man												
H Signal button												
D Push button												
DV Flush push button												
Q T-grip												
QM T-grip with mechanical zero interlock												
QMH T-grip with mechanical zero interlock + signal contact												
QH T-grip + signal button												
QD T-grip + push button side												
B10 Palm Grip B10... (see page 196)												
Grip- control handle right												
Knob												
M Mechanical zero interlock												
T Dead man												
H Signal button												
D Push button												
DV Flush push button												
Q T-grip												
QM T-grip with mechanical zero interlock												
QMH T-grip with mechanical zero interlock + signal contact												
QH T-grip with signal button												
QD T-grip push button side												
B10... Palm Grip B10... (see page 196)												

Identification of the installation variants with switching directions:



D64 / DD64

D64 S5 Q / Q -01 Z P +03 A R C -A05 P134 +A110 C01 -X

Axis 1: direction 1-2

(Standard contacts gold-plated 2A 250 V AC15)

01	☐	2 contacts	Standard contacts - see arrangement page 129	
02	☐	4 contacts	e.g.	
03	☐	6 contacts	A980	MS00
04	☐	8 contacts	A05	MS21
05	☐	10 contacts	A0500	MS21-00
06	☐	12 contacts	A110	MS24-0
		☒ = Silver contact (4A 250 V AC15)	A99 contact - arrangement according customer request	

Z Spring return

R Friction brake

(P) Mounting options for potentiometer and encoder (Gessmann-types)

P	Potentiometer	P131	T396 2 x 0,5 kOhm	I max. 1 mA
		P132	T396 2 x 1 kOhm	I max. 1 mA
		P133	T396 2 x 2 kOhm	I max. 1 mA
		P134	T396 2 x 5 kOhm	I max. 1 mA
		P135	T396 2 x 10 kOhm	I max. 1 mA
More potentiometers on request!				

C Encoder C... Encoder see page 137

D64 S5 Q / Q -01 Z P +03 A R C -A05 P134 +A110 C01 -X

Axis 2: direction 3-4

(Standard contacts gold plated 2A 250 V AC15)

01	☐	2 contacts	Standard contact - see arrangement on page 129	
02	☐	4 contacts	e.g.	
03	☐	6 contacts	A980	MS00
04	☐	8 contacts	A05	MS21
05	☐	10 contacts	A0500	MS21-00
06	☐	12 contacts	A110	MS24-0
		☒ = Silver contacts (4A 250 V AC15)	A99 contact - arrangement according customer request	

Z Spring return

R Friction brake

(P) Mounting options for potentiometer and encoder (Gessmann-types)

P	Potentiometer	P131	T396 2 x 0,5 kOhm	I max. 1 mA
		P132	T396 2 x 1 kOhm	I max. 1 mA
		P133	T396 2 x 2 kOhm	I max. 1 mA
		P134	T396 2 x 5 kOhm	I max. 1 mA
		P135	T396 2 x 10 kOhm	I max. 1 mA
More potentiometers on request!				

C Encoder C... Encoder see page 137

Special model

X Special / customer specified

Attachments

Indicating labels

Indicating labels engraved

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Technical drawing of a circular hole pattern. The main circle has a diameter of $\phi 80$. The distance between the centers of the two holes is $\square 80$. The holes have a diameter of $\phi 5,5$.

Type	No. of contacts	Dim. A	Dim. B
01	2	119	82
02	4	131	94
03	6	144	107
04	8	156	119
05	10	169	132
06	12	181	144