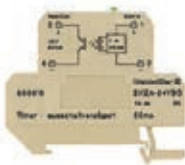


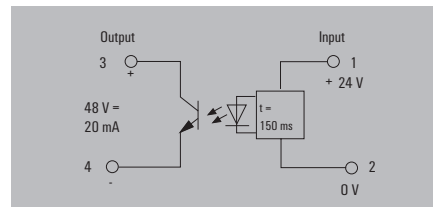
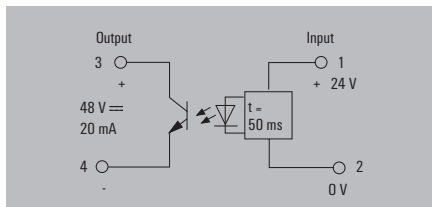
Mini-coupler DKZ

- Components for lengthening short pulses for the PLC
- Fixed switch-on/switch-off delay
- Low input power
- Screw connection system
- 6 mm modular width
- For mounting on TS 35

24 V DC 50 ms



24 V DC 150 ms



Technical data

Input	
Rated control voltage	24 V DC ±18 %
Rated current AC	6.7 mA
Rated current DC	160 mW
Power rating	50 ms
Switch-off delay	2 ms
Min. pulse duration	
Output	
Max. switching voltage, DC	48 V
Max. switching current	20 mA
Max. switching frequency at rated load	20 Hz
Rated data	
Ambient temperature (operational)	-25 °C...+50 °C
Storage temperature	-40 °C...+85 °C
Humidity	40 °C / 93 % rel. humidity, no condensation
Approvals	CE
Insulation coordination (EN 50178)	
Rated voltage	300 V
Impulse withstand voltage	4 kV
Surge voltage category	III
Pollution severity	2
Clearance and creepage distances for control side - load side	≥ 4 mm
Dielectric strength for control side - load side	4 kV

Input	
Rated control voltage	24 V DC ±18 %
Rated current AC	6.7 mA
Rated current DC	160 mW
Power rating	50 ms
Switch-off delay	2 ms
Min. pulse duration	
Output	
Max. switching voltage, DC	48 V
Max. switching current	20 mA
Max. switching frequency at rated load	20 Hz
Rated data	
Ambient temperature (operational)	-25 °C...+50 °C
Storage temperature	-40 °C...+85 °C
Humidity	40 °C / 93 % rel. humidity, no condensation
Approvals	CE
Insulation coordination (EN 50178)	
Rated voltage	300 V
Impulse withstand voltage	4 kV
Surge voltage category	III
Pollution severity	2
Clearance and creepage distances for control side - load side	≥ 4 mm
Dielectric strength for control side - load side	4 kV

Input	
Rated control voltage	24 V DC ±18 %
Rated current AC	6.7 mA
Rated current DC	160 mW
Power rating	150 ms
Switch-off delay	2.5 ms
Min. pulse duration	
Output	
Max. switching voltage, DC	48 V
Max. switching current	20 mA
Max. switching frequency at rated load	20 Hz
Rated data	
Ambient temperature (operational)	-25 °C...+50 °C
Storage temperature	-40 °C...+85 °C
Humidity	40 °C / 93 % rel. humidity, no condensation
Approvals	CE
Insulation coordination (EN 50178)	
Rated voltage	300 V
Impulse withstand voltage	4 kV
Surge voltage category	III
Pollution severity	2
Clearance and creepage distances for control side - load side	≥ 4 mm
Dielectric strength for control side - load side	4 kV

Dimensions	
Clamping range (nominal / min. / max.)	mm ²
Length x width x height	mm
Note	

Screw connection	
4 / 0.5 / 4	
65 / 6 / 62	
For mounting on TS 35 rail	

Screw connection	
4 / 0.5 / 4	
65 / 6 / 62	
For mounting on TS 35 rail	

Ordering data

Screw connection

Type	Qty.	Order No.
DKZA 35 24VDC 50MS	10	8008180000

Type	Qty.	Order No.
DKZA 35 24VDC 150MS	10	8022110000

Note

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Accessories

Note

End plate AP DK4 0687560000

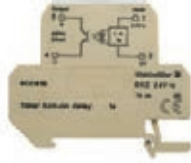
End plate AP DK4 0687560000

DK-SERIES - Timer

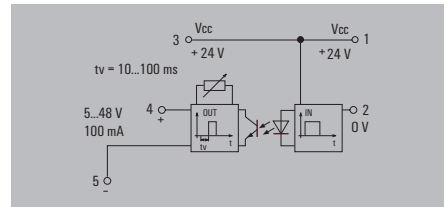
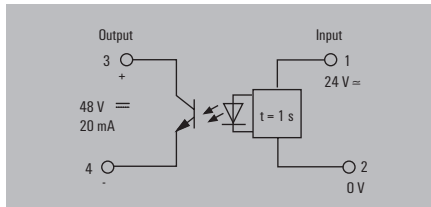
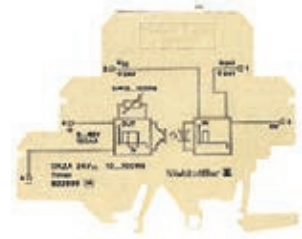
Mini-coupler DKZ

- Components for lengthening short pulses for the PLC
- Fixed switch-on/switch-off delay
- Low input power
- Screw connection system
- 6 mm modular width
- For mounting on TS 35

24 V UC 1 s



24 V DC 10-100 ms



Technical data

Input

Rated control voltage	24 V UC ±10 %
Rated current AC	6.1 mA
Rated current DC	5.1 mA
Power rating	130 mW / 150 mVA
Switch-off delay	max. 0.7 ms
Min. pulse duration	

Output

Max. switching voltage, DC	48 V
Max. switching current	20 mA
Max. switching frequency at rated load	0.9 Hz

Rated data

Ambient temperature (operational)	-25 °C...+50 °C
Storage temperature	-40 °C...+85 °C
Humidity	40 °C / 93 % rel. humidity, no condensation
Approvals	CE

Insulation coordination (EN 50178)

Rated voltage	300 V
Impulse withstand voltage	4 kV
Surge voltage category	III
Pollution severity	2
Clearance and creepage distances for control side - load side	≥ 4 mm
Dielectric strength for control side - load side	4 kV

Technical data

Rated control voltage	24 V UC ±10 %
Rated current AC	6.1 mA
Rated current DC	5.1 mA
Power rating	130 mW / 150 mVA
Switch-off delay	max. 0.7 ms
Min. pulse duration	

Output

Max. switching voltage, DC	48 V
Max. switching current	20 mA
Max. switching frequency at rated load	0.9 Hz

Rated data

Ambient temperature (operational)	-25 °C...+50 °C
Storage temperature	-40 °C...+85 °C
Humidity	40 °C / 93 % rel. humidity, no condensation
Approvals	CE

Insulation coordination (EN 50178)

Rated voltage	300 V
Impulse withstand voltage	4 kV
Surge voltage category	III
Pollution severity	2
Clearance and creepage distances for control side - load side	≥ 4 mm
Dielectric strength for control side - load side	4 kV

Technical data

Rated control voltage	24 V DC ±20 %
Rated current AC	
Rated current DC	Approx. 12 mA
Power rating	290 mW
Switch-off delay	
Min. pulse duration	

Output

Max. switching voltage, DC	48 V
Max. switching current	100 mA

Rated data

Ambient temperature (operational)	-25 °C...+50 °C
Storage temperature	-40 °C...+85 °C
Humidity	40 °C / 93 % rel. humidity, no condensation
Approvals	CE

Insulation coordination (EN 50178)

Rated voltage	300 V
Impulse withstand voltage	6 kV
Surge voltage category	IV
Pollution severity	2
Clearance and creepage distances for control side - load side	≥ 5.5 mm
Dielectric strength for control side - load side	4 kV

Dimensions

Clamping range (nominal / min. / max.)	mm ²
Length x width x height	mm

Note

Screw connection

4 / 0.5 / 4
65 / 6 / 62

For mounting on TS 35 rail

Screw connection

4 / 0.5 / 4
77 / 6 / 62

For mounting on TS 32/35 rails

Ordering data

Screw connection

Type	Qty.	Order No.
DKZ 35 24VUC 1S	10	8008190000

Type	Qty.	Order No.
DKZ DK5 24VDC 10-100MS	10	8228680000

Note

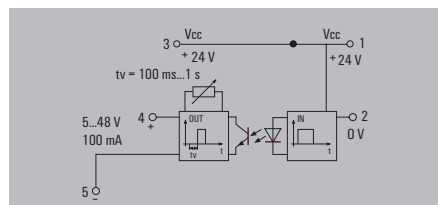
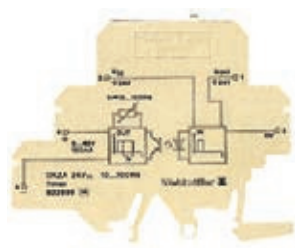
Accessories

Note

End plate
AP DK4 0687560000

End plate
AP DK5 8268870000

24 V DC 0.1-1 s



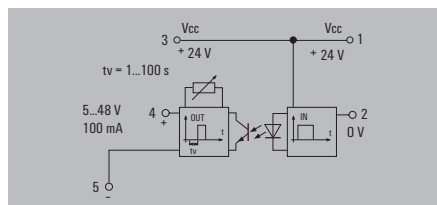
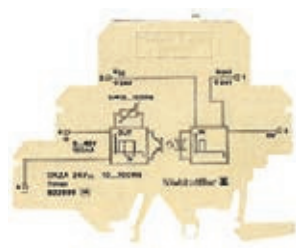
24 V DC ±20 %
Approx. 12 mA
290 mW
48 V
100 mA
-25 °C...+50 °C
-40 °C...+85 °C
40 °C / 93 % rel. humidity, no condensation
CE
300 V
6 kV
IV
2
≥ 5.5 mm
4 kV

Screw connection
4 / 0.5 / 4
77 / 6 / 62
For mounting on TS 32/35 rails

Type	Qty.	Order No.
DKZ DK5 24VDC 0.1-1S	10	8243780000

End plate AP DK5 8268870000

24 V DC 1-100 s



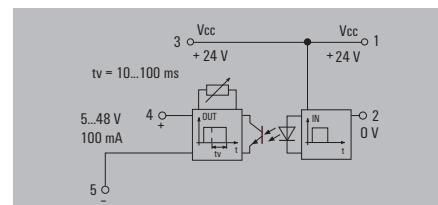
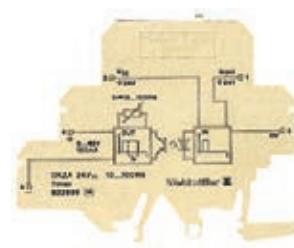
24 V DC ±20 %
Approx. 12 mA
290 mW
48 V
100 mA
-25 °C...+50 °C
-40 °C...+85 °C
40 °C / 93 % rel. humidity, no condensation
CE
300 V
6 kV
IV
2
≥ 5.5 mm
4 kV

Screw connection
4 / 0.5 / 4
77 / 6 / 62
For mounting on TS 32/35 rails

Type	Qty.	Order No.
DKZ DK5 24VDC 1-100S	10	8019650000

End plate AP DK5 8268870000

24 V DC 10-100 ms



24 V DC ±20 %
Approx. 11 mA
10 ... 100 ms (adjustable)
2 ms
48 V
100 mA
-25 °C...+50 °C
-40 °C...+85 °C
40 °C / 93 % rel. humidity, no condensation
CE
300 V
6 kV
IV
2
≥ 5.5 mm
4 kV

Screw connection
4 / 0.5 / 4
77 / 6 / 62
For mounting on TS 32/35 rails

Type	Qty.	Order No.
DKZA DK5 24VDC 10-100MS	10	8228690000

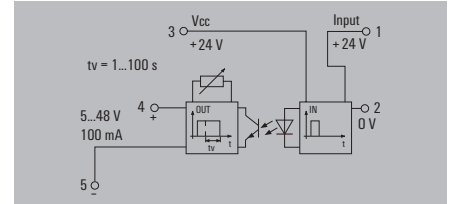
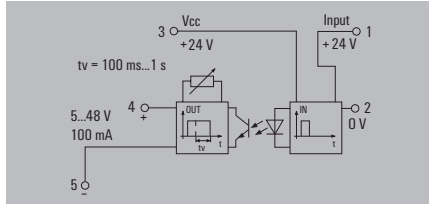
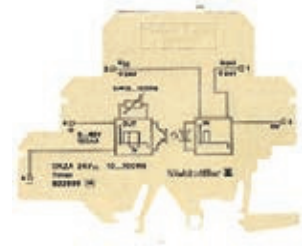
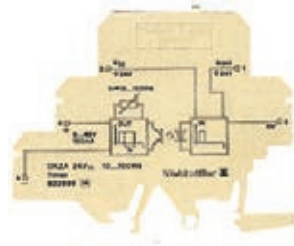
End plate AP DK5 8268870000

Mini-coupler DKZ

- Components for lengthening short pulses for the PLC
- Fixed switch-on/switch-off delay
- Low input power
- Screw connection system
- 6 mm modular width
- For mounting on TS 35

24 V DC 0.1-1 s

24 V DC 1-100 s



Technical data

Input	
Rated control voltage	24 V DC ±20 %
Rated current AC	Approx. 11 mA
Rated current DC	260 mW
Power rating	100 ms ... 1 s (adjustable)
Switch-off delay	2 ms
Min. pulse duration	
Output	
Max. switching voltage, DC	48 V
Max. switching current	100 mA
Max. switching frequency at rated load	
Rated data	
Ambient temperature (operational)	-25 °C...+50 °C
Storage temperature	-40 °C...+85 °C
Humidity	40 °C / 93 % rel. humidity, no condensation
Approvals	CE
Insulation coordination (EN 50178)	
Rated voltage	300 V
Impulse withstand voltage	6 kV
Surge voltage category	IV
Pollution severity	2
Clearance and creepage distances for control side - load side	≥ 5.5 mm
Dielectric strength for control side - load side	4 kV

Input	
Rated control voltage	24 V DC ±20 %
Rated current AC	Approx. 11 mA
Rated current DC	260 mW
Power rating	100 ms ... 1 s (adjustable)
Switch-off delay	2 ms
Min. pulse duration	
Output	
Max. switching voltage, DC	48 V
Max. switching current	100 mA
Max. switching frequency at rated load	
Rated data	
Ambient temperature (operational)	-25 °C...+50 °C
Storage temperature	-40 °C...+85 °C
Humidity	40 °C / 93 % rel. humidity, no condensation
Approvals	CE
Insulation coordination (EN 50178)	
Rated voltage	300 V
Impulse withstand voltage	6 kV
Surge voltage category	IV
Pollution severity	2
Clearance and creepage distances for control side - load side	≥ 5.5 mm
Dielectric strength for control side - load side	4 kV

Input	
Rated control voltage	24 V DC ±20 %
Rated current AC	Approx. 11 mA
Rated current DC	260 mW
Power rating	1 ... 100 s (adjustable)
Switch-off delay	2 ms
Min. pulse duration	
Output	
Max. switching voltage, DC	48 V
Max. switching current	100 mA
Max. switching frequency at rated load	
Rated data	
Ambient temperature (operational)	-25 °C...+50 °C
Storage temperature	-40 °C...+85 °C
Humidity	40 °C / 93 % rel. humidity, no condensation
Approvals	CE
Insulation coordination (EN 50178)	
Rated voltage	300 V
Impulse withstand voltage	6 kV
Surge voltage category	IV
Pollution severity	2
Clearance and creepage distances for control side - load side	≥ 5.5 mm
Dielectric strength for control side - load side	4 kV

Dimensions	
Clamping range (nominal / min. / max.)	mm ²
Length x width x height	mm
Note	

Screw connection	
4 / 0.5 / 4	
77 / 6 / 62	
Note	
For mounting on TS 32/35 rails	

Screw connection	
4 / 0.5 / 4	
77 / 6 / 62	
Note	
For mounting on TS 32/35 rails	

Ordering data

Screw connection

Type	Qty.	Order No.
DKZA DK5 24VDC 0,1-1S	10	8243770000

Type	Qty.	Order No.
DKZA DK5 24VDC 1-100S	10	8019630000

Note

Note

Note

Accessories

Note

End plate AP DK5 8268870000

End plate AP DK5 8268870000
