

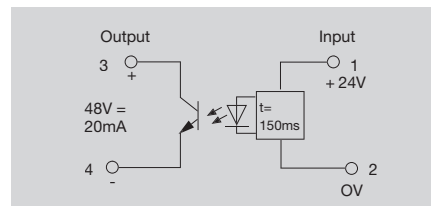
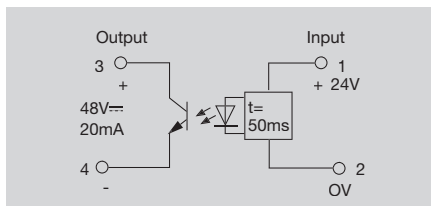
Mini-coupler DKZ

- Components for lengthening short pulses for the PLC
- Fixed switch-on/switch-off delay
- Low input power
- Screw connection system
- 6 mm 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	
Rated current DC	6.7 mA
Power rating	160 mW
Switch-off delay	50 ms
Min. pulse duration	2 ms
Output	
Switching voltage DC, max.	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 50 178)	
Rated voltage	300 V
Impulse withstand voltage	4 kV
Overvoltage category	III
Pollution severity	2
Clearance and creepage distances for control/load side	≥ 4 mm
Dielectric strength for control side - load side	4 kV

Input	
Rated control voltage	24 V DC ± 18 %
Rated current AC	
Rated current DC	6.7 mA
Power rating	160 mW
Switch-off delay	150 ms
Min. pulse duration	2.5 ms
Output	
Switching voltage DC, max.	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 50 178)	
Rated voltage	300 V
Impulse withstand voltage	4 kV
Overvoltage category	III
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Clearance and creepage distances for control/load side	≥ 4 mm
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Rated control voltage	24 V DC ± 18 %
Rated current AC	
Rated current DC	6.7 mA
Power rating	160 mW
Switch-off delay	150 ms
Min. pulse duration	2.5 ms
Output	
Switching voltage DC, max.	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 50 178)	
Rated voltage	300 V
Impulse withstand voltage	4 kV
Overvoltage category	III
Pollution severity	2
Clearance and creepage distances for control/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	
Note	
For mounting on TS 35 rail	

Screw connection	
4 / 0,5 / 4	
65 / 6 / 62	
Note	
For mounting on TS 35 rail	

Ordering data

Connection system	
	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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Note	
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Note	
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Accessories

Accessories	
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End plate AP DK4 0687560000

End plate AP DK4 0687560000



DK-SERIES – Timer

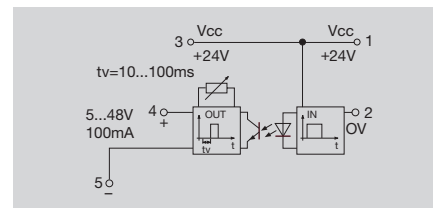
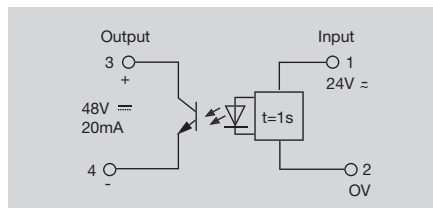
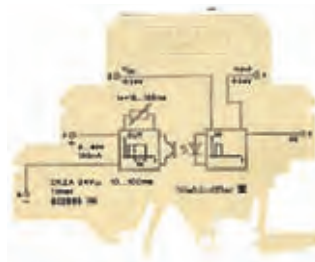
Mini-coupler DKZ

- Components for lengthening short pulses for the PLC
- Fixed switch-on/switch-off delay
- Low input power
- Screw connection system
- 6 mm 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 DC	5.1 mA
Rated current AC	6.1 mA
Switch-on delay	1 s
Switch-off delay	max. 0.7 ms
Power rating	130 mW / 150 mVA
Output	
Switching voltage DC, max.	48 V
Max. switching current	20 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 50 178)	
Rated voltage	300 V
Impulse withstand voltage	4 kV
Overvoltage category	III
Pollution severity	2
Clearance and creepage distances for control/load side	≥ 4 mm
Dielectric strength for control side - load side	4 kV

Rated control voltage	24 V DC ±20 %
Rated current DC	Approx. 12 mA
Rated current AC	
Switch-on delay	10...100 ms (adjustable)
Switch-off delay	
Power rating	290 mW
Switching voltage DC, max.	48 V
Max. switching current	100 mA
Ambient temperature (operational)	-25 °C...+50 °C
Storage temperature	-40 °C...+85 °C
Humidity	40°C / 93% rel. humidity, no condensation
Approvals	CE
Rated voltage	300 V
Impulse withstand voltage	6 kV
Overvoltage category	IV
Pollution severity	2
Clearance and creepage distances for control/load side	≥ 5.5 mm
Dielectric strength for control side - load side	4 kV

Rated control voltage	24 V DC ±20 %
Rated current DC	Approx. 12 mA
Rated current AC	
Switch-on delay	10...100 ms (adjustable)
Switch-off delay	
Power rating	290 mW
Switching voltage DC, max.	48 V
Max. switching current	100 mA
Ambient temperature (operational)	-25 °C...+50 °C
Storage temperature	-40 °C...+85 °C
Humidity	40°C / 93% rel. humidity, no condensation
Approvals	CE
Rated voltage	300 V
Impulse withstand voltage	6 kV
Overvoltage category	IV
Pollution severity	2
Clearance and creepage distances for control/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	
Note	
For mounting on TS 35 rail	

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

Ordering data

Connection system
Screw connection

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

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

Note

Note

Note

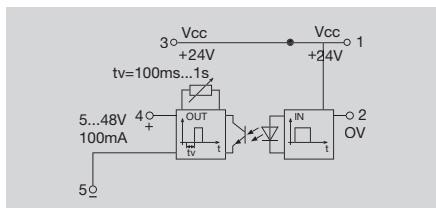
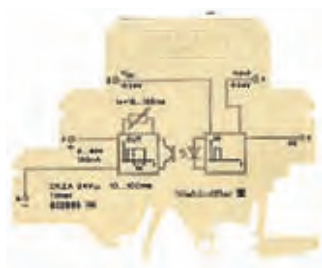
Accessories

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End plate AP DK4 0687560000

End plate AP DK5 8268870000

24 V DC 0.1-1 s



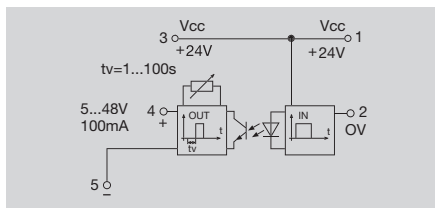
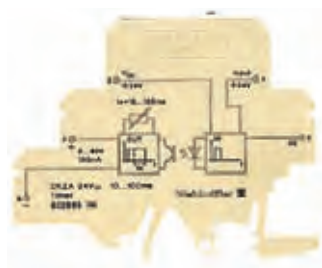
24 V DC ±20 %
Approx. 12 mA
100 ms ... 1 s (adjustable)
290 mW
48 V
100 mA
-25 °C...+50 °C
-40 °C...+85 °C
40°C / 93% rel. humidity, no condensation
CE
300 V
6 kV
IV
2
≥ 5.5 mm
4 kV

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
1 ... 100 s (adjustable)
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

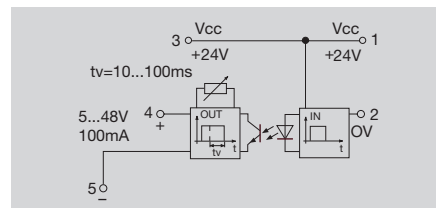
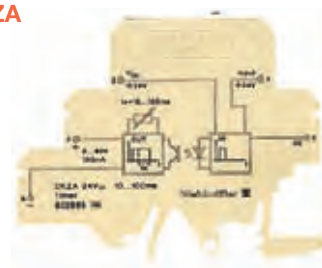
Screw connection
4 / 0.5 / 4
77 / 6 / 62
For mounting on TS 32/35 rails

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

End plate
AP DK5 8268870000

24 V DC 10-100 ms

DKZA



24 V DC ±20 %
Approx. 11 mA
10 ... 100 ms (adjustable)
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.
DKZA DK5 24VDC 10-100MS	10	8228690000

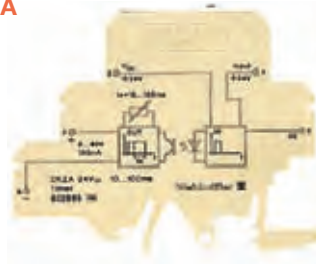
End plate
AP DK5 8268870000

Mini-coupler DKZ

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- Fixed switch-on/switch-off delay
- Low input power
- Screw connection system
- 6 mm width
- For mounting on TS 35

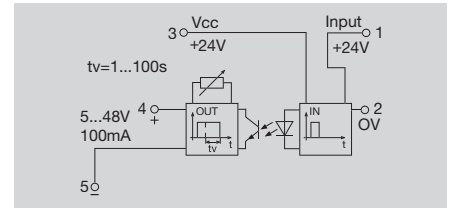
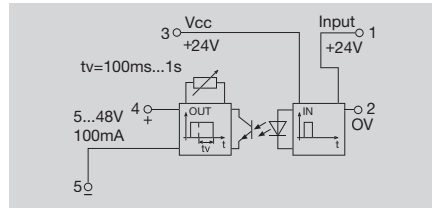
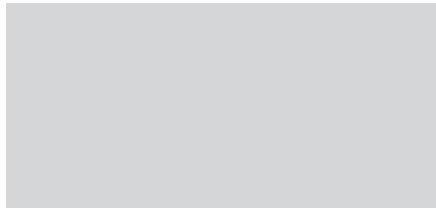
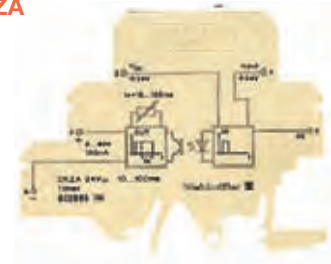
24 V DC 0.1-1 s

DKZA



24 V DC 1-100 s

DKZA



Technical data

Input	
Rated control voltage	24 V DC ±20 %
Rated current DC	Approx. 11 mA
Rated current AC	
Switch-off delay	100 ms ... 1 s (adjustable)
Power rating	260 mW
Output	
Switching voltage DC, max.	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 50 178)	
Rated voltage	300 V
Impulse withstand voltage	6 kV
Overtoltage category	IV
Pollution severity	2
Clearance and creepage distances for control/load side	≥ 5.5 mm
Dielectric strength for control side - load side	4 kV

Input	
Rated control voltage	24 V DC ±20 %
Rated current DC	Approx. 11 mA
Rated current AC	
Switch-off delay	100 ms ... 1 s (adjustable)
Power rating	260 mW
Output	
Switching voltage DC, max.	48 V
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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

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

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

Note	
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Note	
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Accessories

Accessories	
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Accessories	End plate AP DK5 8268870000
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Accessories	End plate AP DK5 8268870000
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