

# Discrete Optocouplers

## 8019590000

When good enough just isn't good enough

**Weidmüller** 

### DK40 / 35 for TS 35

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Representative Photo

### Technical Information

Rail Type	TS 35
Input Voltage	24 VDC
Module Type	Terminal Block
Number of Channels	1
Maximum Output Current	500 mA
LED Color	Green
Housing Type	DK40/35

### Additional Data

Input Voltage Tolerance	±5%
Positive/Negative Switching Type	Positive
Input Current	6 mA
Power Consumption (Watts/DC)	145 mW
Turn ON (Voltage/Current)	17 V / 5.3 mA
Operative Time ON	40 µs
Operative Time OFF	65 µs
Status Indicator (LED)	Green
Voltage Output	5...48 VDC
Switching Current Minimum	5 mA
Leakage Current Maximum	10 µA at 48 VDC
Voltage Drop at Maximum Current Rating	800 mV
Switching Frequency Maximum	200 kHz at 48 V / 0.5 A
Pulse Duty Ratio	1:2
Dielectric Strength Input to Output	3.75 kV <sub>eff</sub> / 5.3 kV DC
Dielectric Strength Terminals to DIN-Rail	4 kV <sub>eff</sub>
Storage Temperature Range	-40°C...+85°C
Operating Temperature Range	-25°C...+40°C
Wire Size	#20...12 AWG 0.5...2.5 mm <sup>2</sup>
Clamp Screw Tightening Torque Nm (lb.in.)	0.5 (4.38)

Mechanical Dimensions (WxLxH) mm (in.)	6/65/57 (.24"/2.56"/2.24")
Insulation Stripping Length mm (in.)	9 (.35")
Polarity Protection	No
Certifications	CE

### Suggested Accessories

DIN-rail

End bracket

End plate/partition (AP/TW)

Ferrules

Markers (SchT)

Marking pens

Marking tags (DEK)

Mounting brackets

QB jumpers

Tools

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Weidmüller - North America  
United States 001 (800) 849-9343  
Canada 001 (800) 268-4080

or

Weidmüller - Germany  
Telephone operator 0049 (-5252) 960-0