

## Data sheet

750-339

### FIRE WIRE FIELDBUS COUPLER DIGITAL AND ANALOG SIGNALS CARRIER RAIL DIN 35



## Technical data

Package size 1 piece.

Max. no. of nodes	63
Transmission medium	SHIELDED CU CABLE; IN ACCORDANCE WITH IEEE 1394; 2 x 2 x 28 AWG + 2 x 22 AWG
Max. length of bus line	72 M/BUS SEGMENT (17 NODES); 4.5 M BETWEEN TWO NODES
Topology	TREE
Baud rate	100 Mbaud, 200 Mbaud, 400 Mbaud
Buscoupler connection	3 x 6-POLE IEEE 194 SOCKET
UL 508	E175199, UL 508
Conformity marking	CE
Max. no. of I/O modules	64
Max. fieldbus input image with bus extension	Mx. 2040 Byte 255
Station addresses	4/1 ... 4
Max. fieldbus output image	Mx. 2040 Byte
Configuration	via PC or PLC
Other characteristics	DATA EXCHANGE VIA ASYNCHRONOUS PACKETS
Voltage supply	DC 24 V (-15% / + 20%)
Input current (max)	500 mA
Efficiency of the power supply	87 %
Internal current consumption	380 mA
Total current for the I/O modules	1620 mA
Isolation	500 V system / supply

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Voltage via power jumper contacts (max)	DC 24 V (-15% / + 20%)
Current via power jumper contacts (max)	DC 10 A
Operating temperature	0 °C ... + 55 °C
Storage temperature	-25 °C ... +85 °C
Relative air humidity	95 %
Vibration resistance	acc. IEC 60068-2-6
Shock resistance	acc. IEC 60068-2-27
Degree of protection	IP 20
EMC immunity to interference	gem. EN 61000-6-2 (1999)
EMC emission of interference	gem. EN 61000-6-4 (1997)
Cross section from [mm <sup>2</sup> ]	0.08 mm <sup>2</sup>
Cross section to [mm <sup>2</sup> ]	2.5 mm <sup>2</sup>
Cross section from [AWG]	28 AWG
Cross section to [AWG]	14 AWG
Weight	218 g
Color	light gray
Height	65 mm
Height	2.56 in
Width	62 mm
Width	2.441 in
Depth	100 mm
Depth	3.937 in
Strip length from	8 mm
Strip length to	9 mm
Strip length	0.33 in
Manuals	

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<b>Approval</b>	<b>Voltage</b>	<b>Current</b>	<b>Approval number</b>	<b>Notes</b>
cULus	24		E175199	

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#### Accessories

#### Item number

ALUMINUM CARRIER RAIL 35 X 7.5 MM, 1.5 MM / 0.059 IN THICK	210-196
COPPER CARRIER RAIL 35 X 15 MM, 2.3 MM / 0.091 IN THICK	210-198
END MODULE CARRIER RAIL DIN 35	750-600
Individual wire jumpers	individual jumper
MARKERS FOR GROUP MARKER CARRIERS MARKER CARD DIN A4 (160 MARKERS)	750-100
MINIATURE WSB QUICK MARKING STRIPS PLAIN	248-501
MINIATURE WSB QUICK MARKING STRIPS PLAIN	248-501/000-002
MINIATURE WSB QUICK MARKING STRIPS PLAIN	248-501/000-005
MINIATURE WSB QUICK MARKING STRIPS PLAIN	248-501/000-006
MINIATURE WSB QUICK MARKING STRIPS PLAIN	248-501/000-007
MINIATURE WSB QUICK MARKING STRIPS PLAIN	248-501/000-012
MINIATURE WSB QUICK MARKING STRIPS PLAIN	248-501/000-017
MINIATURE WSB QUICK MARKING STRIPS PLAIN	248-501/000-023
MINIATURE WSB QUICK MARKING STRIPS PLAIN	248-501/000-024
Open individual wire jumpers ends	individual jumper open end
PROFINET IO FIELDBUS COUPLER 100 Mbit	750-340
PROFINET PROGRAMMABLE FIELDBUS CONTROLLER 100 Mbit	750-840
SCREWDRIVER Type 1, bar (2,5 x 0,4) mm	210-119
SCREWDRIVER Type 2, bar (3,5 x 0,5) mm	210-120
SCREWDRIVER WITH PARTIALLY INSULATED SHAFT Type 1, bar (2,5 x 0,4) mm	210-619
SCREWDRIVER WITH PARTIALLY INSULATED SHAFT Type 2, bar (3,5 x 0,5) mm	210-620
SCREWLESS END STOP 10 MM / 0.394 IN WIDE	249-117
SHIELD CLAMPING SADDLE 11 MM / 0.433 IN WIDE	790-108
SHIELD CLAMPING SADDLE 19 MM / 0.741 IN WIDE	790-116
SHIELD CLAMPING SADDLE 27 MM / 1.053 IN WIDE	790-124
SHIELD CLAMPING SADDLE 43 MM / 1.677 IN WIDE	790-140
STEEL CARRIER RAIL 35 X 15 MM, 1.5 MM / 0.059 IN THICK	210-114
STEEL CARRIER RAIL 35 X 15 MM, 1.5 MM / 0.059 IN THICK	210-197
STEEL CARRIER RAIL 35 X 15 MM, 1.5 MM / 0.059 IN THICK	210-506
STEEL CARRIER RAIL 35 X 15 MM, 1.5 MM / 0.059 IN THICK	210-508
STEEL CARRIER RAIL 35 X 15 MM, 2.3 MM / 0.091 IN THICK	210-118
STEEL CARRIER RAIL 35 X 15 MM, 2.3 MM / 0.091 IN THICK	210-548
STEEL CARRIER RAIL 35 X 7.5 MM, 1 MM / 0.039 IN THICK	210-112
STEEL CARRIER RAIL 35 X 7.5 MM, 1 MM / 0.039 IN THICK	210-113
STEEL CARRIER RAIL 35 X 7.5 MM, 1 MM / 0.039 IN THICK	210-504
STEEL CARRIER RAIL 35 X 7.5 MM, 1 MM / 0.039 IN THICK	210-505
STEEL IP65 ENCLOSURES 10/100 Mbit/s	750-841/025-000
STEPPER MODULE FOR THE WAGO-I/O-SYSTEM 750	750-670

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WAGO RADIO ADAPTER

750-921

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