

## Data sheet

750-841

**STEEL IP65 ENCLOSURES 10/100 Mbit/s  
CARRIER RAIL DIN 35 CAGE CLAMP CONNECTION**



## Technical data

Package size 1 piece.

Max. no. of nodes	limited by ETHERNET- Specification
Transmission medium	Twisted Pair S-UTP 100 Ohm Cat 5
Max. length of fieldbus segment	100 m between Hub and 750-841; max. length of network limited by Ethernet specifications
Baud rate	10/100/Mbit/s
Protocols	MODBUS / TCP (UDP), ETHERNET / IP, HTTP, BootP, DHCP, DNS, SNTP, FTP, SNMP, SMTP
Buscoupler connection	RJ45
Programming	WAGO-I/O-PRO CAA
IEC 61131-3	AWL, KOP, PUP, ST, AS
UL 508	E175199, UL 508
Conformity marking	CE
Max. no. of I/O modules with bus extension	64 255
Digital signals	max. 2040 (inputs and outputs)
Analog signals	max. 1020 (inputs and outputs)
Configuration	through the computer
Program memory	512 kByte
Data memory	128 kByte
Non-volatile memory (retain)	24 kByte
Voltage supply	DC 24 V (-15% / + 20%)
Input current (max)	500 mA
Efficiency of the power supply	87 %

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Internal current consumption	300 mA
Total current for the I/O modules	1700 mA
Isolation	500 V system / supply
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	acc. EN 50081-2 (94)
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	184 g
Color	light gray
Height	65 mm
Height	2.56 in
Width	51 mm
Width	2.008 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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