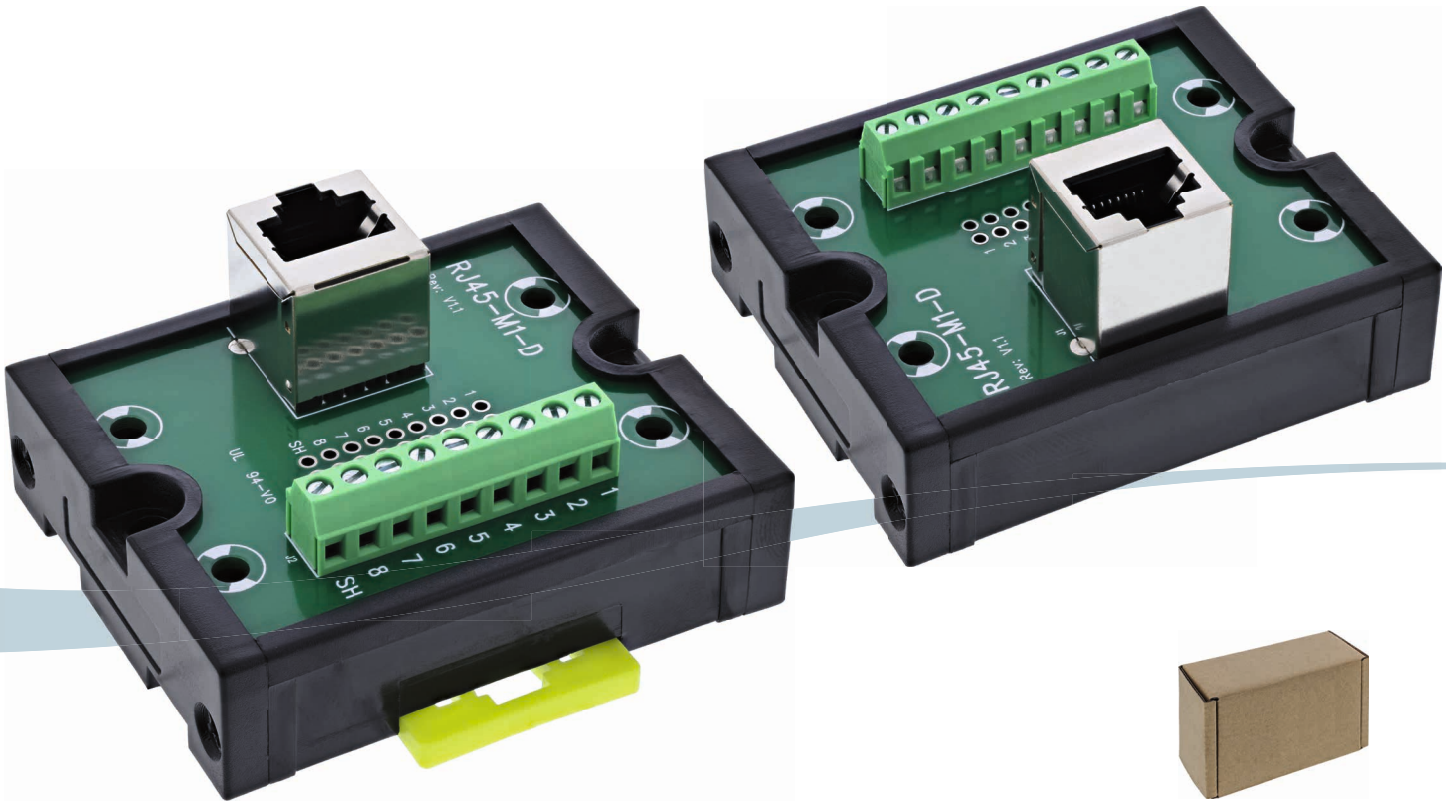
INLINE® RJ45 BREAKOUT SOCKET

to 9-pin screw terminal, top-hat rail, shielded



- **RJ45 breakout socket with clear terminal assignment:** Shielded 8P8C socket directly connected to 9-pin screw terminal – for structured and solder-free network wiring.
- **Side terminal connection for compact integration:** The side-mounted screw terminal strip allows for space-saving wiring – ideal for control cabinets or dense test environments.
- **Direct mounting on DIN rail:** The housing is equipped with a pre-mounted DIN rail clip – for easy and standard-compliant installation in control cabinets or control distributors.
- **Ideal for industrial networks:** For secure connection, diagnosis, or re-wiring of Ethernet signals in service, test, or embedded environments.
- **High signal quality:** An insulation resistance of ≥ 10 MΩ at 300 V DC and a rated current of 1.0 A per pin ensure reliable signal transmission – even in continuous industrial operation.

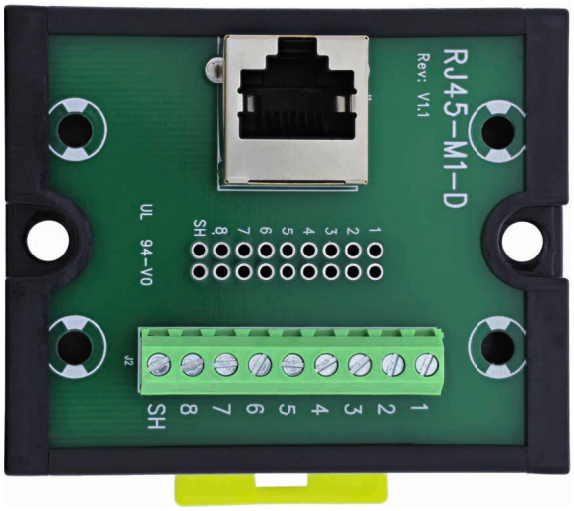
The InLine® RJ45 breakout adapter with shielded 8P8C socket and integrated 9-pin screw terminal (8 data lines + shield) enables direct and structured wiring of Ethernet signals – without any soldering. The side-accessible terminal strip is clearly labeled and supports wires in the range of 16–26 AWG.

Tool-assisted wiring is performed with a flat-head screwdriver ≤ 2.5 mm. The pre-mounted clip allows the adapter to be mounted directly on a DIN rail – ideal for standard-compliant integration in control cabinets or control distributors.

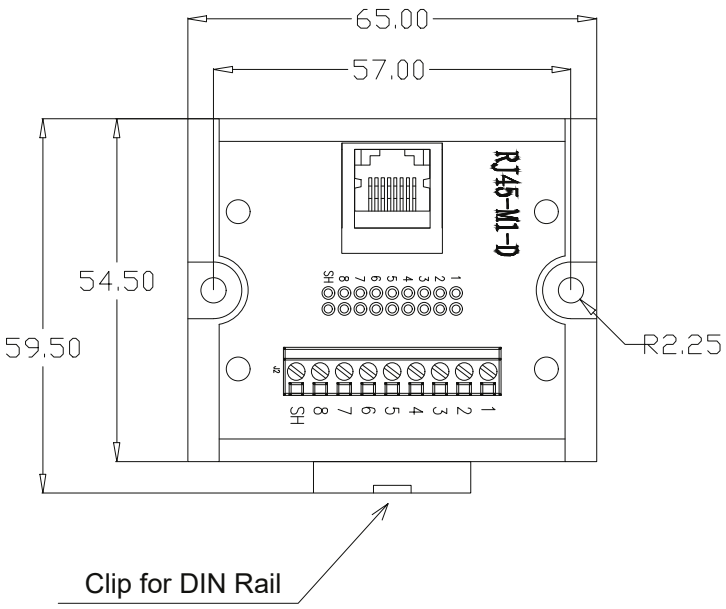
The robust design, tested electrical safety, and complete shielding make the adapter a reliable solution for industrial applications, e.g., in prototyping, network diagnostics, or embedded systems.

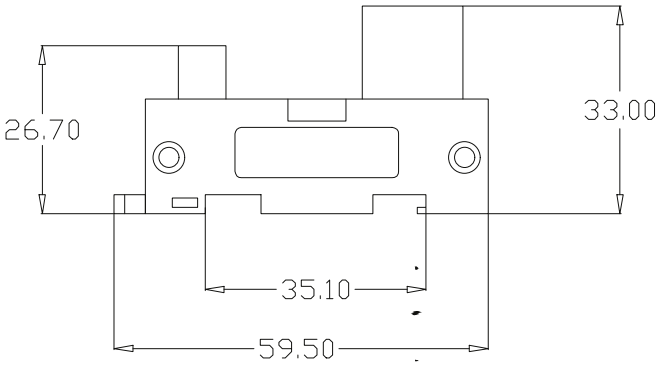
Item No.	Variant	EAN
92505J	RJ45 breakout socket, Screw Terminal	4043718346349

Technical Data	
RJ45 interface:	Shielded 8P8C socket (breakout version)
Screw terminal strip:	9 terminals (8 data + shield), 5.0 mm pitch, with pressure plate
Connection range:	16–26 AWG
Actuation:	With flat-blade screwdriver ≤ 2.5 mm
Rated current:	1.0 A per pin
Max. operating voltage:	100 V between two signals
Insulation resistance:	≥ 10 MΩ @ 300 V DC
Operating temperature:	–20 °C to +70 °C
Insulation layer:	EVA insulation on underside
Mounting:	Pre-mounted clip for DIN top-hat rail
Dimensions:	approx. 60.45 × 53.6 × 43.0 mm (W × H × D)



www.inline-info.com/en/



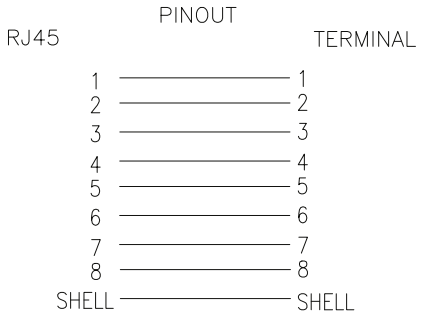


NOTES:

1) PRIMARY DIM:A, B,

ELECTRICAL TEST

1). 100% SHORT CIRCUIT & MISS WIRE TEST
2). MINI INSULATION RESISTANCE:MINI DC 300V 10M hm
3). MAX. CONDUCTOR RESISTANCE:5 ohms
4). COMPLIANCE WITH REACH AND ROHS



Num	Category	Description
1	Max Current	0.8 A
2	Cable Gauge (AWG)	18 - 28 AWG
3	RJ45	BRK8P8C
4	PCB Material	FR4
5	RJ45 Withstanding Voltage	100 V AC / minute
6	Operating Temperature	-20 °C to 70 °C
7	RJ45 Material	Insulator: PBT 30% GF; Contact: Copper Alloy

Disclaimer
InLine® is a brand of INTOS ELECTRONIC AG | Siemensstraße 11 | D-35394 Gießen

Documentation © 2026 INTOS ELECTRONIC AG
All rights reserved. No part of this document may be reproduced in any form or by any means, electronic, mechanical or chemical, without the prior written permission of the publisher.
It is possible that this document may still contain typographical faults or misprints.

However, the information in this deocument will be checked regularly and corrections will be made in the next edition. We accept no liability for errors of a technical or printing nature and their consequences. All trademarks and industrial property rights are acknowledged. Changes in the sense of technical progress can be made without prior notice. Our products, including packaging, are not toys, they may contain small parts and sharp objects.

Please keep away from children.