

Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **44 850 - 07 HH**

Company **Reichle & De-Massari AG**
Binzstrasse 31
8622 Wetzikon, SWITZERLAND

Product Description **Connection System RJ45 Cat. 5e/s consisting of Connection Module Cat.5e, 1xRJ45/s and diverse Patch Cords Cat. 5e**

Type **Connection Modul Cat.5e, 1 x RJ45/s and /u**
Patch Cord Cat. 5e/s and /u; CP Cable Cat. 5e/s and /u

Environmental Category **D**

Technical Data /
Range of Application **Mechanical data:**
Pole count: 8
Operating temperature: -10° C to 60° C
Humidity: 95 % (non condensing)
Hausing material: Polycarbonate (UL-94-V0)
Admissible wire: 0,5 mm (AWG24) - 0,65 mm (AWG22)
Admissible insulation: 0,8 mm - 1,6 mm

Electrical data:
Contact resistance: < 300 mΩ
Transfer impedance: 1 MHz < 100 mΩ
10 MHz < 200 mΩ
30 MHz < 620 mΩ

Further technical datas according to the manufacturer's data sheet

Type variants, Assemblies and patch cords see page 2

Test Standard **Guidelines for the Performance of Type Approvals Part 2, Edition 2003**
IEC 60603-7:2002; ISO/TEC 11801:2002; EN 50173-1:2002

Documents **Test report : TL020.291_b, dated 21.06.2007**
TL020291_c, dated 21.06.2007
ZT 020.091, dated 26.09.2002

Remarks **None**

Valid until **2017-11-12**

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Hamburg, 2012-11-12

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Germanischer Lloyd

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This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".

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Types/Accessories: **Modul Cat.5e 1xRJ45/s
Module Cat. 5e 1xRJ45/s Snap / in
Module Cat. 5e 1xRJ45/s Special
Module Cat. 5e 1xRJ45/s Flap-Jack
Module Cat. 5e 1xRJ45/u
RJ45 Couple module, Cat.5e
RJ45 Connection module, accessories**

Patch Cords Cat. 5e: **The patch cords are used for connecting the network equipment to patch panels and telecommunications outlets, and cross connection between various applications and end users.**

Types: **Patch Cord Cat. 5e/s
Patch Cord Cat. 5e/u
CP Cable Cat. 5e/s and /u**

Lengths: **0,5 m to 75 m**

Patch Cord Characteristics: UTP/

S-FTP

Inner conductor diameter:	Stranded copper AWG 26	Stranded copper AWG26
Number of pairs:	4	4
Screen 1 pair:	None	None
outer screen:	None	Cu-braid + Al/polyester foil
Jacket:	PVC	PVC or LSFROH
Overall diameter:	5,1 mm	5,5 mm
Bend Radius:	25 mm	30 mm

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