

# Distribution Blocks, Series 1000RT, 8-pairs

128 pairs (16 x 8 pairs), horizontal, labelling 16 x 1-8

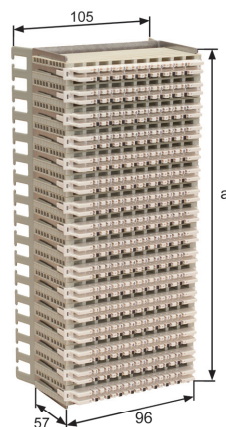
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Corning Cable Systems distribution blocks are used for both voice and data networks in the central office, cabinets and in private networks applications. With their reliable IDC contacts they are the interface between multi pair cable and the flexible, user-specific wiring (jumper-wire).

In addition to protection of personnel and equipment against overvoltage/overcurrent disturbances, the distribution blocks support quality inspection and diagnostic processes.

## Features

- Single IDC contact
- Metal Chassis  
used for the stable mounting of the functional elements and wire guides
- Wire guides with double channels  
to guide the twisted pairs to the IDC contacts and to ensure that the wires are well organised
- Jumper combs  
used to give a clear structure to the designated bundles of pairs per functional element
- Suitable for both horizontal and vertical mounting on wall-mounted or free-standing frames, according to the number of the subscribers that have to be connected
- Installation of the protection magazine from the front side



Part Number: S30264-D1014-H160

## Temperature Range

Operation	-20 °C to 60 °C
Storage	-40 °C to 80 °C

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## Design - Hardware

No. of Pairs	128
Position	Horizontal
Labels	16 x 1-8
Dimensions (HxWxD)	226 mm x 57 mm x 96 mm
Width (with jumper comb)	105 mm

## Mechanical characteristics

Contact principle acc. to DIN IEC 352	Insulation displacement connection for the accommodation of 1 wires per IDC terminal
Spring material	Special brass
Contact surface	Ag (2...9 µm)
Solid conductor diameter	0.4 mm - 0.8 mm
Insulation thickness	0.15 mm - 0.25 mm PE or PVC insulated
Minimum wire retention force, radial	3 N - 5 N PE-/ PVC-insulated with diameter 0.4 - 0.8 / 0.7 - 1.3 mm
Repeated contacting of IDC-contact	≥ 200 (0.8mm ≥ 50 clampings); $\Delta R_d \leq 1 \text{ m}\Omega$
Wire movement	no wire break, no cont. disturbance > 1 µs Parameters: 1.2 - 5 N, per 10 cycles ± 30°, PE-/ PVC-insulated with diameter 0.4 - 0.8 / 0.7 - 1.3 mm
Forced protection	No

## Electrical characteristics (at 20°C)

Contact resistance $R_d$	$\leq 5 \text{ m}\Omega$ per contact point
Insulation resistance $R_{is}$	$\geq 5 \times 10^{10} \Omega$
Capacitance $C$	$\leq 5 \text{ pF}$ at 1 kHz
Surge current, ground	5 kA at 8 / 20 µs-waveform (ground)
Surge current, wire	2,5kA at 8 / 20 µs-waveform (wire)
Surge voltage	2 kV at 10/ 700 µs-waveform
Dielectric strength	$\geq 1700 \text{ V}$ at $f = 50 \text{ Hz}$ and $t = 60 \text{ s}$

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## Environmental Influences

Rapid temperature change	-40 °C / 100 °C 5 cycles, 30min
Damp heat, steady state	55 °C 55°C / 90-95% rel. h., 24h
Flowing mixed gas	10 days
Flammability	Class UL94 - V0 The plastic in the front and the rear part of the IDC strip can be included in Class UL94-V0

## Transmission

Insertion loss	< 0.2 dB (100 MHz, CAT. 5)
Reflection loss	> 24 dB (100 MHz, CAT. 5)
NEXT (Near-end crosstalk) according to ISO/IEC 11801:2002 and DIN EN 50173-1:2002	45 dB at 30 MHz, side by side neighbouring pairs

## Ordering Information

Part Number	S30264-D1014-H160
Product Description	Distribution block Series 1000RT, 8-pairs, 128 pairs (16 x 8 pairs), horizontal, labelling 16 x 1-8

## Shipping Information

Weight	1.5 kg
Units per Delivery	1/1



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