



Pro-Ductor® current rail type PR7

Technical specifications:

Maximum voltage
 Nom. current (at 80% duty cycle and 35 °C)
 Standard length plastic profile
 Support distance
 Uninterrupted copper conductors
 External dimensions

 Number of conductors
 Protection degree acc. to IEC 529
 Earth marking line yellow-green
 Max. travel speed
 Allowable ambient temperature
 Feeding facilities
 Mounting position

690V
 50 - 200A

 4 m
 3,3 m standard
 8 to 50 mm²
 27 x 145 mm (PR7 profile)
 45 x 180 mm (incl. support profile)
 2 to 7
 IP 2xB
 in centre channel
 500 m/min
 -30 to +60 °C
 end feed and line feed
 vertical or horizontal

Electrical specifications PR7 profile:

Disruptive voltage acc. to DIN 53481
 Creeping current factor, process KA
 Dielectric loss factor (at 800Hz and 23 °C)
 Surface resistance acc. to DIN 53482
 Inflammability of the profile acc. to UL94

31.2 kV/mm
 3b
 0.020
 10¹³ Ω
 V-0

Mechanical specifications PR7 profile:

Tensile strength acc. to DIN 53455
 E-module acc. to DIN 53457
 Thermal coefficient of expansion
 Density

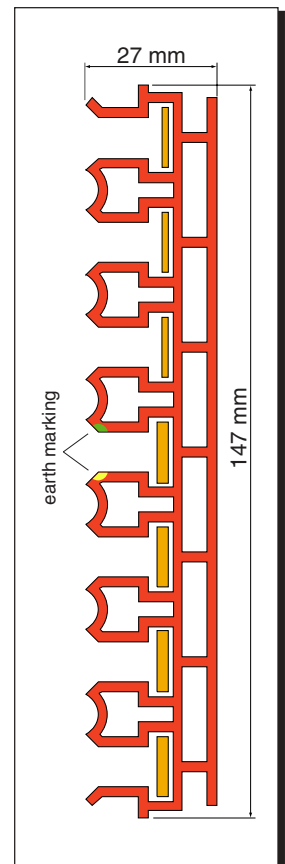
53.5 N/mm²
 3400 N/mm²
 70 x 10⁻⁶
 1.62 g/ml

Chemical resistance:

(of plastic profile, below 45 °C ambient temp.)

Oil
 Gasolin
 Mineral oil
 Sulphuric acids
 Hydrochlorid acids

Resistant
 Resistant
 Resistant
 Resistant
 Resistant



Pro-Ductor profile PR7 with copper strips

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