

HLR01.1N-0470-N11R7-A-007-NNNN

Industrial automation components

Manufacturer	Indramat
Catalog number	hlr011n-0470-n11r7-a-007-nnnn
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	4.29 kgs
Refrigerant	r911305932
Power	470 W
Braking Power Duration	0.47 kW
Energy Consumption	56 kW
Max Braking Power	56 kW
Nominal Bus Voltage	700 V DC
Resistance	11.7 ohms
Dimensions	300 x 223 x 210 mm
Weight	4.5 kg
Housing Type	Flameproof and fully encapsulated

Description

The Indramat HLR01.1N-0470-N11R7-A-007-NNNN is a high-performance brake resistor designed for industrial automation applications. Manufactured by Indramat, a division of Bosch Rexroth, this model is part of the HLR Brake Resistors series, known for their reliability and efficiency in dissipating regenerative energy. The HLR01.1N-0470-N11R7-A-007-NNNN features a braking power duration of 0.47 kW, an energy consumption of 56 kW, and a maximum braking power of 56 kW. It operates with a nominal bus voltage of DC 700 V and has a resistance of 11.7 ohms. The resistor is housed in a flameproof and fully encapsulated enclosure, ensuring durability and safety in demanding industrial environments. With a compact design measuring 300 mm in height, 223 mm in width, and 210 mm in depth, and weighing 4.5 kg, it is suitable for integration into various drive systems. The HLR01.1N-0470-N11R7-A-007-NNNN is compatible with HCS converters and is ideal for applications requiring efficient energy dissipation and reliable braking performance.