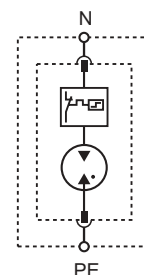




- **Category IEC / EN / VDE:** **Class II / Type 2 / C**
- **Purpose:** the **RPC-N-PE** series of overvoltage surge protective devices has been developed to protect against indirect lightning discharges and is intended to provide protection in zones **1-2** as per PN-EN (IEC) 62305. It consists of an encapsulated air gap device with thermal disconnecter, and is used as a galvanic separation between the N-PE conductors in a (1+1) or (3+1) power distribution system (TT networks)
- **Application site:** the arresters are mounted in the main-distribution boards (MB) or the sub-distribution board (SB)
- **Mounting:** direct mounting on 35 mm DIN rail mount, EN 50022
- **Status indication:** mechanical flag
- **Remote signalisation:** **RPC-N-PE** - without RC damage contact
- **Housing:** module design with changeable gap insert
- **Compliance with standard:** PN-IEC 61643-1
- **Recognitions, certifications:**



RPC-N-PE



Type of arrester	RPC-N-PE	
Technical data		
Max. continuous operating voltage	U_c	255 V AC
Nominal discharge current (8/20)	I_n	20 kA
Max. discharge current (8/20)	I_{max}	40 kA
Current peak value (10/350)	I_{imp}	
Specific energy		
Charge Q		
Protection level	U_p	
• at I_n (8/20)		1,2 kV
• at I_{imp} (10/350)		
Follow current	I_f	> 100 Arms
Response time	t_A	< 100 ns
Residual current at U_c	I_{PE}	
Thermal protection		
Back-up fuse		
Short-circuit withstand		
Temperature range		-40...+80 °C
Cross-section of connection wire		solid: 35 mm ² stranded: 25 mm ²
Terminal screw torque		max. 4,5 Nm
Housing protection category		IP 20
Housing material		thermoplastic, extinguishing degree UL 94 V-0
Dimensions		90 x 18 x 72 mm (DIN 43880: 1TE)
Packaging dimensions		108 x 24 x 74 mm
Weight		105 g

