

- **Category IEC / EN / VDE:** Class III / Type 3 / D
- **Purpose:** the RPD2-10 series of low cost, overvoltage surge protective devices has been developed to protect against transient surges and is intended to provide protection in zones 2-3 as per PN-EN (IEC) 62305 branch sub-distribution boards (SB); socket outlet - the point directly in front of the device to be protected (SA)
- **Application site:** direct mounting on 35 mm DIN rail mount, EN 50022
- **Mounting:** mechanical flag + remote contact RC
- **Status indication:** RPD2-10/280/2 - without RC damage contact
RPD2-10/280/2R - with potential-free signaling RC damage contact
- **Remote signalisation:** module design with changeable varistor insert
- **Housing:** PN-IEC 61643-1
- **Compliance with standard:** CE
- **Recognitions, certifications:** CE

Type of arrester **RPD2-10/280/2, RPD2-10/280/2R**

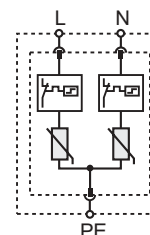
Technical data

Max. continuous operating voltage	U_c	275 / 350 V AC/DC
Combination wave (1,2/50-8/20)	U_{oc}/I_{sc}	10 kV / 5 kA
Max. discharge current (8/20)	I_{max}	10 kA
Current peak value (10/350)	I_{imp}	
Specific energy		
Charge Q		
Protection level	U_p	
• at U_{oc}/I_{sc} (1,2/50-8/20)		0,9 kV
Follow current	I_f	no
Response time	t_A	< 25 ns
Residual current at U_c	I_{PE}	< 1,5 mA
Thermal protection		yes
Back-up fuse		max. 63 A gL (if mains > 63 A)
Short-circuit withstand		10 kA 50 Hz
Temperature range		-40...+80 °C
Cross-section of connection wire		upper terminals, solid: 6 mm ² upper terminals, stranded: 4 mm ² lower terminal, solid: 35 mm ² lower terminal, stranded: 25 mm ²
Terminal screw torque		upper terminals: max. 2 Nm lower terminals: max. 3,5 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		120 g
Additional data for RPD2-...R		
Remote signalisation		potential-free contact RC
Switching capability		0,5 A / 250 V AC 3 A / 125 V AC
Cross-section of connection wire		max. 1,5 mm ²
Terminal screw torque		0,25 Nm
Weight		130 g

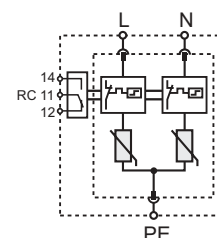


NEW product

RPD2-10/280/2



RPD2-10/280/2R



Selection of backup fuse

