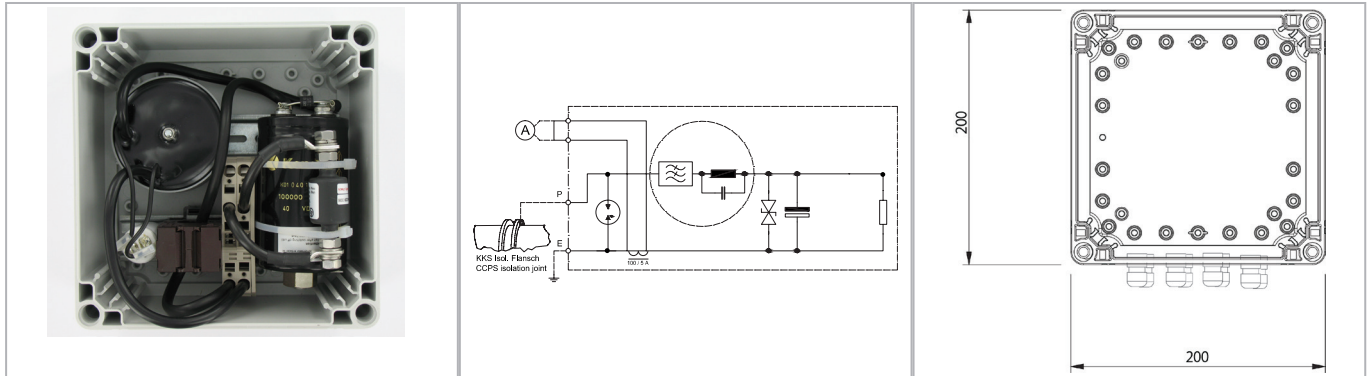


Datasheet

Protective devices for AC arresting

Pipeline Protection PLPro



With an active cathodic corrosion protection the installation is permanently protected against the electrochemical process of corrosion. For that matter a grid supplied rectifier is inserted between the installation (e.g. a pipeline) and an anode that serves as earth electrode.

- AC discharge current: 20 A
- Several PLPro devices can be connected in parallel to raise the total discharge current
- Maintenance-free, without liquids
- No disturbance of search signals
- Monitoring of discharge current with integrated current transformer possible
- Integrated lightning and surge current protection up to 50 kA (10/350 μ s)

Technical Data		PLPro-20A-iV
Rated voltage (P-E)	U _{max}	25 V=
Max. continuous diverting current 50Hz (P-E)	I _A	20 A~
Short-time discharge current for 1s/50Hz (P-E)	I _{max}	100 A~
Leakage current (P-E)		≤ 1 mA
Nominal discharge current (8/20 μ s) (P-E)	I _n	10x 50 kA
Lightning impulse current (10/350)	I _{imp}	50 kA
Operating temperature range	TU	-40 - +80 °C
Terminals (P/E)		max. 10 mm ²
Current transformer		100:5 A
Terminals (current transformer i1, i2)		25 mm ²
Mounting type		wall mounting
Dimensions (L x W x H)		200 x 200 x 106 mm
Degree of protection (IEC EN 60529)		IP 65

Order Data	
Product	PLPro-20A-iV
Article-No.	55 04 21