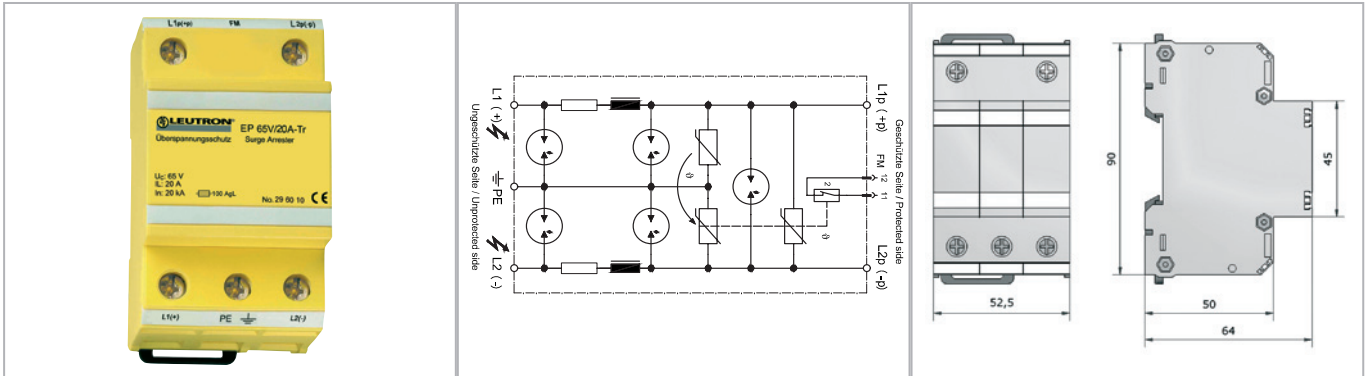


# Datasheet

## Protective devices for AC arresting

### Arresters for Cathodic Corrosion Protection Systems



Two-pole USP for operating currents up to 20 A and a nominal impulse discharge current of 20 kA (8/20 $\mu$ s) for sensitive electronic devices.

- High performance surge protector
- Mounting directly on DIN rail
- Operating current 20 A
- Maximum acceptable DC continuous operating voltage of 65 V DC
- With filter
- Optional remote contact (FM) requiring no additional space

Technical Data		EnerPro 65V/20A-Tr/FM	
Max. continuous operating voltage DC	Uc	65 V=	
Rated load current	IL	20 A	
Protection level at 1kV/ $\mu$ s	Up	$\leq 350$ V	
Nominal discharge current (8/20)	In	20 kA	
Response time	tA	$\leq 25$ ns	
Max. impulse discharge current (8/20)	Imax	40 kA	
Lightning impulse current (10/350 $\mu$ s)	Iimp	5 (2,5 As) kA	
Nominal alternating discharge current (50 Hz)		20 (5x1s, 50Hz, 3min Pause) A	
Operating temperature range	TU	-40 - +80 °C	
Max. conductor cross section		stranded 35/fine stranded 25 mm <sup>2</sup>	
Max. connection torque for terminals		4,0 Nm	
Enclosure material / colour		polycarbonate (halogen-free) UL 94-V0 / yellow	
Degree of protection (IEC EN 60529)		IP 20	
Mounting		35 mm DIN rail form C (EN 60715 )	
FM contact / contact type		break contact	
Switching capacity		250 V/2 A	

Order Data	
Product	EnerPro 65V/20A-Tr/FM
Article-No.	29 60 11