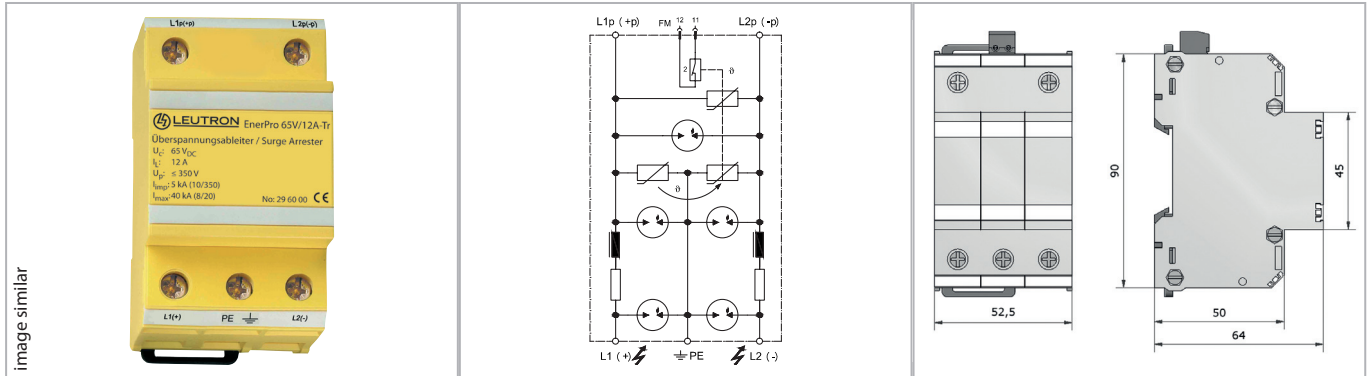


## Protective devices for AC arresting

### Arresters for Cathodic Corrosion Protection Systems



**Two-pole surge arrester for operating currents up to 12 A and a nominal impulse discharge current of 20 kA (8/20  $\mu$ s) for sensitive electronic devices.**

- Two-stage design
- High performance surge protector
- Mounting on 35 mm DIN rail (EN 60715)
- Operating current: 12 A
- Maximum acceptable DC continuous operating voltage of 65 V DC
- With filter
- With remote signalling contact (FM)
- EAC certification

Technical Data		EnerPro 65V/12A-Tr/FM
Max. continuous operating voltage DC	Uc	65 V=
Rated load current	IL	12 A
Protection level at 1 kV/ $\mu$ s	Up	$\leq 350$ V
Nominal discharge current (8/20 $\mu$ s)	In	20 kA
Max. impulse discharge current (8/20 $\mu$ s)	I <sub>max</sub>	40 kA
Lightning impulse current (10/350 $\mu$ s)	I <sub>imp</sub>	5 (2,5 As) kA
Nominal alternating discharge current (50 Hz)		20 (5x1s, 50Hz, 3min. pause) A/s
Response time	tA	$\leq 25$ ns
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 (EN 60715)
FM contact / contact type		break contact
Switching capacity FM		250 V/2 A
Max. conductor cross section FM		1,5 mm <sup>2</sup>

Order Data	
Product	EnerPro 65V/12A-Tr/FM
Article-No.	29 60 02