

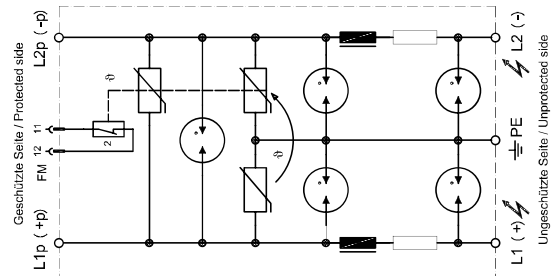
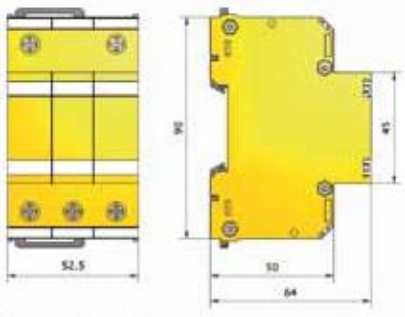
Arresters for Cathodic Corrosion Protection Systems

Pipeline Protection

EnerPro 65V/12A-Tr

Two-pole USP for operating currents up to 12 A and a nominal impulse discharge current of 20 kA (8/20µs) for sensitive electronical devices.

- Two-stage design
- High performance surge protector
- Mounting on rail
- Optional potential-free remote signalling contact
- Operating current 12 A
- Maximum acceptable dc continuous operating voltage of 65 V dc
- With filter



Basic circuit diagram

Technical Data	EnerPro 65V/12A-Tr
Max. continuous operating direct voltage (Uc)	65 V=
Nominal current (IL)	12 A
Protection level at 1 kV/µs (Up)	≤ 350 V
Nominal discharge current (8/20 µs) (In)	20 kA
Response time (tA)	≤ 25 ns
Max. impulse discharge current (8/20 µs) (Imax)	40 kA
Lightning impulse current (10/350 µs) (Iimp)	5 (2.5 As) kA
Nominal alternating discharge current (50 Hz) (I)	20 (5x 1 s, 50 Hz, 3 min. Pause) A
Operating temperature range (TU)	-40 — +80 °C
Max. conductor cross section	35 mm² stranded / 25 mm² fine-stranded
Max. connection torque for terminals	4.5 Nm
Enclosure material / colour	polycarbonate (halogen-free) UL94-V0 / yellow
Degree of protection (IEC EN 60529)	IP 20
Mounting type	35 mm DIN rail, form C (EN 50 022)
Net weight / pc	310 g

Order Data	
Product	EnerPro 65V/12A-Tr
Ordering part no.	29 60 00

Technical Data and Order Data	EnerPro 65V/12A-Tr/FM
FM contact / contact type	break contact
Switching capacity	250 / 2 V/A
Product	EnerPro 65V/12A-Tr/FM
Ordering part no.	29 60 02