

## System solution, surge arrester V20 in housing, 3-pole + NPE, 280 V



Surge arrester, type 2, according DIN EN 61643-11



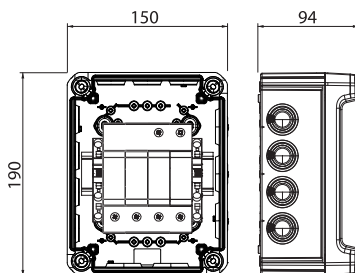
- For surge voltage protection equipotential bonding to VDE 0100-443 (IEC 60364-4-44)
- Complete unit, pre-mounted and ready for connection in polycarbonate housing (IP66)
- Arresting capacity to 40 kA (8/20) per pole through high-performance varistors

Application: Equipotential bonding in main and sub-distributors.

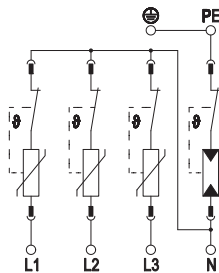
If there is a danger of condensation forming through wind, ice, temperature or sunlight, further measures may be necessary!

Type	Highest Pole continuous version voltage AC V	Pack. pcs	Weight kg/100 pcs.	Item No.
VG-V20-3+NPE-280	280   3+N/PE	1	96,000	5095383

### Dimensions



### Connection options



### VG-V20-3+NPE-280

SPD to EN 61643-11	Type 2
SPD to IEC 61643-11	Class II
SPD to UL 1449	Type 4
Nominal voltage AC (50 / 60 Hz) V	$U_n$ 230
Maximum continuous voltage AC V	$U_c$ 280
Nominal discharge current (8/20 $\mu$ s) kA	$I_{n/L-N}$ 20
Maximum discharge current (8/20 $\mu$ s) kA	$I_{max}$ 40
Arrester surge current (8/20 $\mu$ s) [total] kA	$I_{total}$ 60
Protection level [L-N] kV	$U_p$ 1,3
Residual voltage [L-N] @ 1 kA kV	$U_{res}$ 1
Residual voltage [L-N] @ 5 kA kV	$U_{res}$ 1
Max. mains-side overcurrent protection	160 A gL/gG
Short-circuit withstand for max. mains-side overcurrent protection	50 kA eff
Operating temperature range °C	$T_u$ -40-80
Protection rating	IP66
Approvals	UL
Cable cross-section, flexible (fine-wire) mm <sup>2</sup>	1,5-35
Rigid cable cross-section (single wire/multiwire) mm <sup>2</sup>	1,5-35
Cable cross-section, flexible (fine-wire) AWG	16-2
Rigid cable cross-section (single wire/multiwire) AWG	16-2