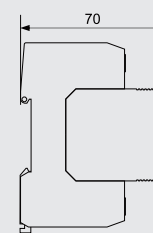
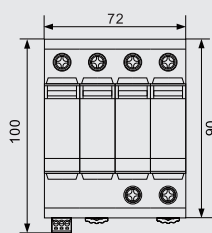
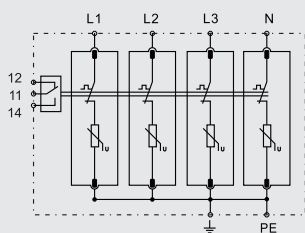


## BR-40 4P 690/800/1000 Type 2 Surge Arrester



BR-40 4 pole surge arrester is suitable for TN-S system.

	BR-40 690 4P	BR-40 800 4P	BR-40 1000 4P
SPD classification according to EN61643-11	Type 2	Type 2	Type 2
SPD classification according to IEC61643-11	Class II	Class II	Class II
Max. continuous operating a.c. voltage $U_c$	690V	800V	1000V
Nominal discharge current (8/20 $\mu$ s) $I_n$	20kA	20kA	20kA
Max. discharge current (8/20 $\mu$ s) $I_{max}$	40kA	40kA	40kA
Voltage protection level $U_p$	$\leq 3.2kV$	$\leq 3.6kV$	$\leq 4.0kV$
Voltage protection level 5kA $U_p$	$\leq 2.3kV$	$\leq 2.8kV$	$\leq 3.3kV$
Max. backup fuse	100A gG	100A gG	100A gG
Short-circuit withstand capacity $I_{SCCR}$	25kA	25kA	25kA
Temporary overvoltage TOV-withstand $U_T$	800V/5sec.	1000V/5sec.	1100V/5sec.
Temporary overvoltage TOV-safe failure $U_T$	1000V/120min.	1200V/120min.	1400V/120min.
Leakage current $I_{PE}$	<0.5mA	<0.5mA	<0.5mA
Response time $t_A$	$\leq 25ns$	$\leq 25ns$	$\leq 25ns$
Operating temperature range $T_u$	-40°C-80°C	-40°C-80°C	-40°C-80°C
Operating state/fault indication	green/red	green/red	green/red
Cross-section area (Min.)	4 mm <sup>2</sup>	4 mm <sup>2</sup>	4 mm <sup>2</sup>
Cross-section area (Max.)	35mm <sup>2</sup>	35mm <sup>2</sup>	35mm <sup>2</sup>
For mounting on	35mm Din rail		
Enclosure material	Thermoplastic UL94-V0		
Degree of protection	IP20	IP20	IP20
Order Code	B18036	B7957	B18052
Order Code (With remote signaling)	B18037	B7958	B18053