

## Product datasheet

### Characteristics

15690

PF40r modular surge arrester - 3 poles + N -  
340V - with remote transfer



### Main

Range of product	Multi 9
Product name	Multi 9 PF
Product or component type	Surge arrester
Device short name	PF40r
Device application	Distribution
Poles description	3P + N
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network
Earthing system	TT TN-S

### Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV + GDT
[U <sub>e</sub> ] rated operational voltage	230 V AC (+/- 10 %) at 50/60 Hz 400 V AC (+/- 10 %) at 50/60 Hz
[I <sub>n</sub> ] nominal discharge current	Common mode: 15 kA (L/PE) Common mode: 15 kA (N/PE)
[I <sub>max</sub> ] maximum discharge current	Common mode: 40 kA L/PE Common mode: 40 kA N/PE
[U <sub>c</sub> ] maximum continuous operating voltage	Common mode: 340 V L/PE Common mode: 260 V N/PE
Maximum [U <sub>p</sub> ] voltage protection level	Common mode <1.5 kV type 2 N/PE Differential mode <1.5 kV type 2 L/N
Disconnecter device type	Associated circuit breaker 40 A - I <sub>cu</sub> 10 kA Associated circuit breaker 40 A - I <sub>cu</sub> 15 kA Associated circuit breaker 40 A - I <sub>cu</sub> 25 kA
Signalling circuit voltage	0.25 A/250 V AC 50/60 Hz
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	8
Height	81.4 mm
Width	72 mm

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Depth	69 mm
Net weight	0.358 kg
Colour	Grey (RAL 7035)
Response time	<= 25 ns
Connections - terminals	Tunnel type terminal (downside) 2.5...35 mm <sup>2</sup> Tunnel type terminal (upside) 2.5...35 mm <sup>2</sup>
Tightening torque	2.5 N.m

## Environment

Quality labels	NF OVE KEMA-KEUR
IP degree of protection	IP40 on front face: conforming to IEC 60529 IP20 on terminal: conforming to IEC 60529
IK degree of protection	IK03 conforming to IEC 62262
Relative humidity	5...90 %
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C

## Contractual warranty

Warranty	18 months
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