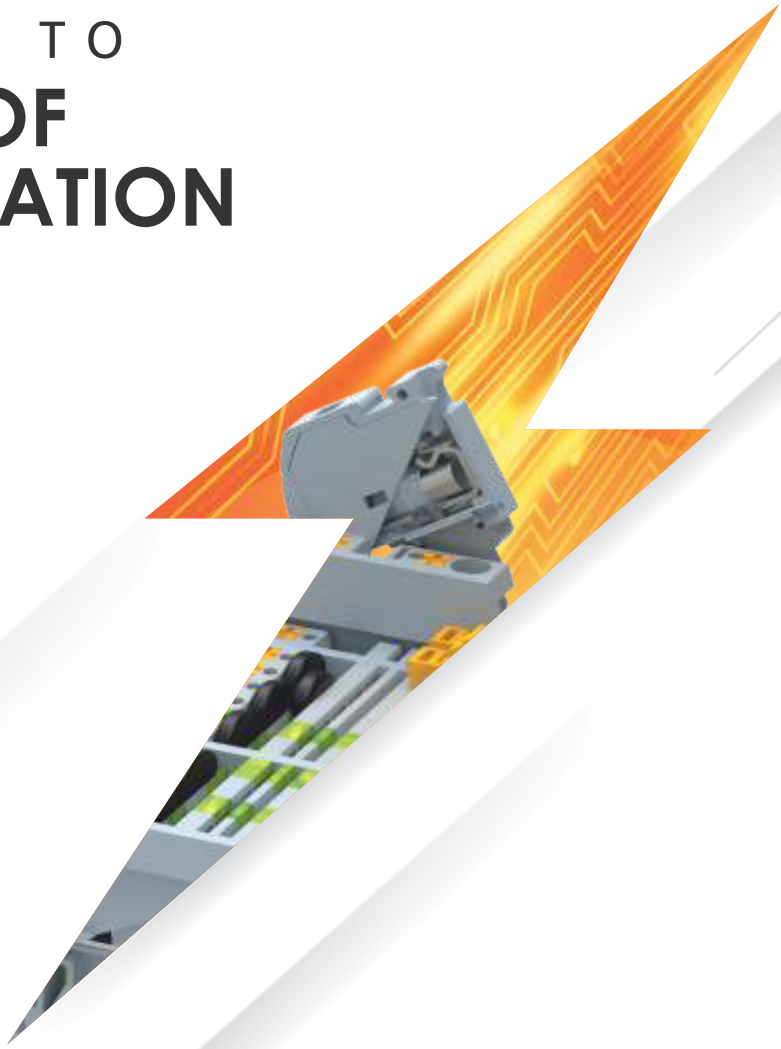
Winsurge™
IMPEX (INDIA) PVT. LTD.

CONNECTING TO

THE FUTURE OF WIRE TERMINATION



WINSURGE™
IMPEX (INDIA) PVT. LTD.

Established in 1963, Winsurge is a pioneer in the field of electrical wire termination technology in India. We started manufacturing DIN rail mounted terminal blocks in India as an import substitute component for the switchgear industry. Steered by the vision of our founder-chairman Mr. J. D. Ray, we are today regarded as one of India's leading manufacturers of terminal blocks.

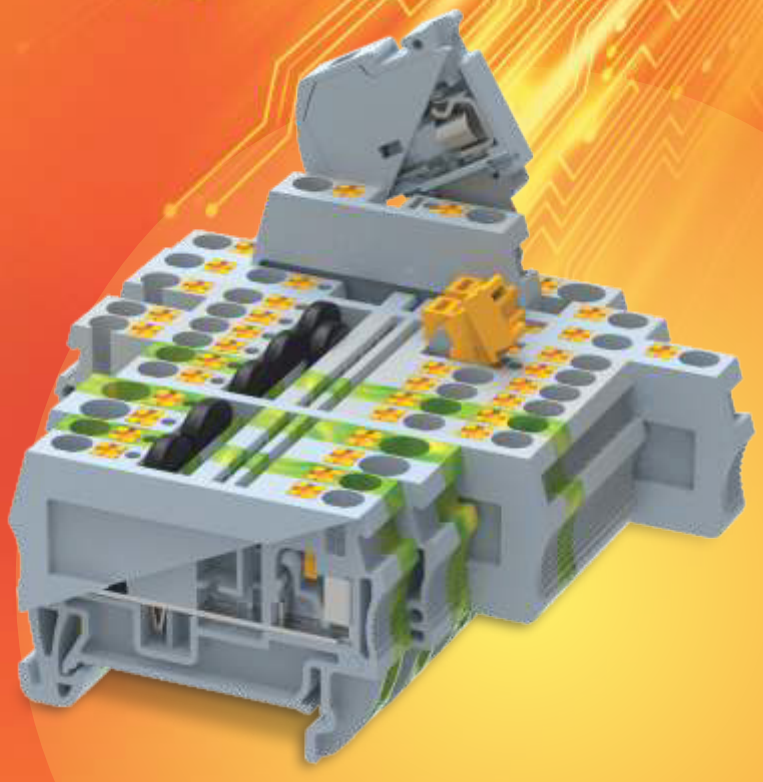
Our steady and systematic growth over the years can be attributed to our efforts for incremental innovation, unfaltering customer service, steadily increasing manufacturing productivity and a host of global approvals for a wide range of products.

Customer focus is at the core of our business. Winsurge is regarded as a trustworthy and reliable partner when it comes to product quality and efficiency in adherence to delivery commitments. All this is made possible by the commitment and competence of "team Winsurge" and its desire for continuous improvement and innovations.

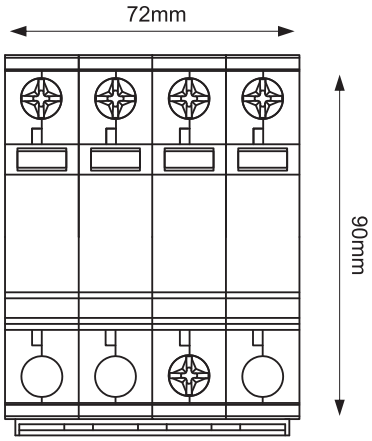
INTRODUCING THE PERFECT ELECTRICAL CONNECTION

Wire termination plays an important role in the overall functioning of any electrical system. Also the user needs to manage a wide range of products and its accessories depending on the type of application.

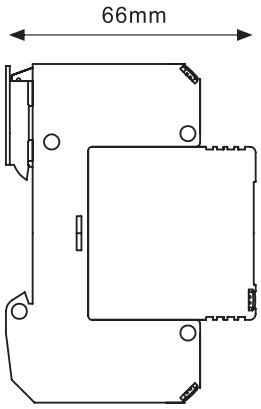
elmex introduces a new range of Push-In type, Spring Clamp type and Screw Clamp type terminal blocks with robust design, manufactured for highest level of electrical and mechanical performance, across a wide of range of applications. These range of products are also a good choice for designers in optimizing the inventory of terminal blocks as well as accessories.



320V AC 3+1 Pole - Type 2 SPD



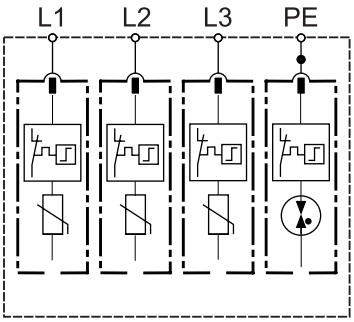
Product Dimension



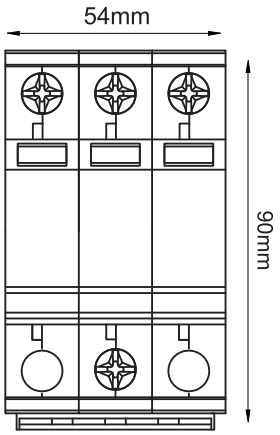
Product Dimension

SPD Product Specifications

TECHNICAL PARAMETERS	SPECIFICA
SPD Type only	
SPD Classification According to IEC61643-11	Class II
Nominal Voltage (U_n)	230 / 415 V AC
Max. Continuous Operating Voltage (U_c)	320V AC
Max. Continuous Operating Voltage [N-PE] (U_c)	255V AC
Nominal Discharge Current (I_n)	20kA
Max. Discharge Current (I_{max})	40kA
Voltage Protection Level (U_p)	≤ 1.5kV
Voltage Protection Level [N-PE] (U_p)	≤ 1.5kV
Response Time (t_A)	≤ 25ns
Response Time [N-PE] (t_A)	≤ 100ns
Operating Temperature Range (T_u)	-40°C to +70
Operating State / Fault Indication	Green / Red
Cross-Section Area (M_{in})	4mm²
Cross-Section Area (M_{ax})	35mm²
Mounting	35mm Din r
Enclosure Material	Thermoplastic UL94-V0
Degree of Protection	IP20



320V AC 1+1 Pole - Type 2 SPD



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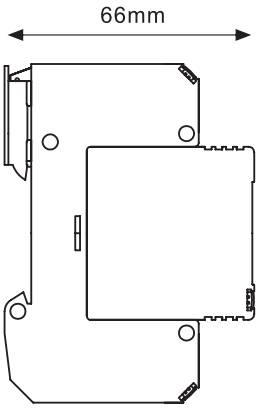

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Operating Temperature Range (T_u)	-40°C to +70°C
Operating State / Fault Indication	Green / Red
Cross-Section Area (M_{in})	4mm²
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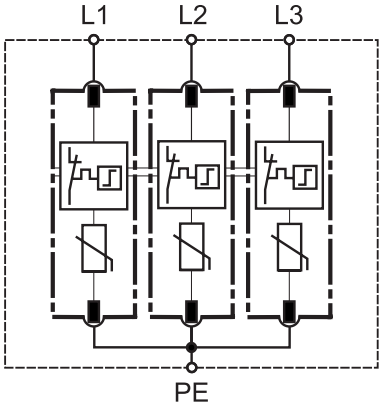
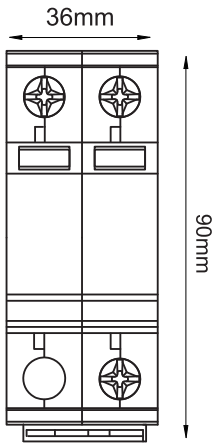
Mounting	35mm Din rail
Enclosure Material	Thermoplastic UL94-V0
Degree of Protection	IP20



Connection Diagram

320V AC 1+1 Pole - Type 2 SPD



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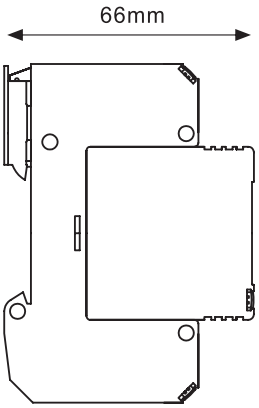

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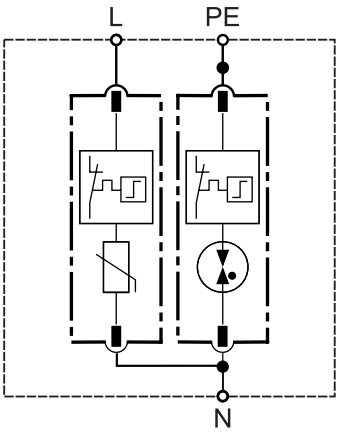

Connection Diagram