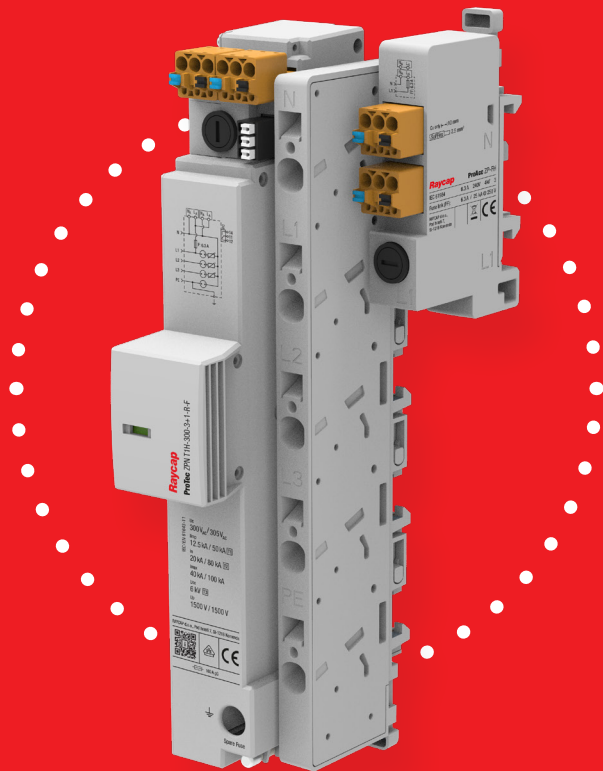


Raycap



Combined Lightning Current &
Surge Arrester for 40mm Busbar Systems



Universal, space-saving overvoltage protection



ProTec ZPN T1H Series

Raycap's newest ZP Series product, the ProTec ZPN, is specially designed for installations in buildings according to VDE 0100-443/-534 and VDE-AR-N 4100:2019-04. As with the other products in this series, the ZPN is designed to be plugged onto a 40 mm busbar system. Its special features include integrated protected output for auxiliary devices and a remote monitoring contact that can be easily integrated into a Smart Home. With its space saving design and innovative phase tap the ZPN can supply power for a gateway without having to expand the busbar system to add a separate auxiliary terminal.

The space saving design adds room to implement another novelty, the ProAcc ZP-TB, a functional terminal bar for incoming power connection and supply to the 40mm busbar system. The combination of the two devices results in overall width that was previously occupied with the SPD only, making the new solution highly space efficient. The versatile ProTec ZPN fits into all types of meter cabinets, without the need for tools or screws during installation.

Leakage-current free product range for installation in the pre-metering area

PRODUCT SERIES		I_{imp}	I_n	I_{max}	COMBINATION	$U_c = 300V$
TYPE 1+2 / EN T1+T2+T3	ProTec ZPN T1H x+x	12.5 kA	20 kA	50 kA	3+0	✓
	Hybrid Technology	Order Code	Configuration			
	ProTec ZPN T1H-300-3+0	59.A600	Basic Version			
	ProTec ZPN T1H-300-3+0-R	59.A601	Remote Monitoring			
	ProTec ZPN T1H-300-3+0-F	59.A602	Protected Auxiliary Terminal			
	ProTec ZPN T1H-300-3+0-R-F	59.A603	Remote Monitoring & Protected Auxiliary Terminal			
		12.5 kA/ 50 kA	20 kA/ 80 kA	50 kA/ 100 kA	3+1	✓
	ProTec ZPN T1H-300-3+1	59.A608	Basic Version			
	ProTec ZPN T1H-300-3+1-R	59.A609	Remote Monitoring			
	ProTec ZPN T1H-300-3+1-F	59.A610	Protected Auxiliary Terminal			
	ProTec ZPN T1H-300-3+1-R-F	59.A611	Remote Monitoring & Protected Auxiliary Terminal			
TYPE 1+2 / EN T1+T2+T3	ProTec ZPN T1H x+x E	7.5 kA	20 kA	50 kA	3+0	✓
	Hybrid Technology	Order Code	Configuration			
	ProTec ZPN T1H-300-3+0 E	59.A604	Basic Version			
	ProTec ZPN T1H-300-3+0 E-R	59.0605	Remote Monitoring			
	ProTec ZPN T1H-300-3+0 E-F	59.A606	Protected Auxiliary Terminal			
	ProTec ZPN T1H-300-3+0 E-R-F	59.0607	Remote Monitoring & Protected Auxiliary Terminal			
		7.5 kA/ 30 kA	20 kA/ 80 kA	50 kA/ 100 kA	3+1	✓
	ProTec ZPN T1H-300-3+1 E	59.A612	Basic Version			
	ProTec ZPN T1H-300-3+1 E-R	59.A613	Remote Monitoring			
	ProTec ZPN T1H-300-3+1 E-F	59.A614	Protected Auxiliary Terminal			
	ProTec ZPN T1H-300-3+1 E-R-F	59.A615	Remote Monitoring & Protected Auxiliary Terminal			

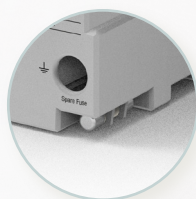
The best protection for installations on 40 mm busbars

The product housing design prevents incorrect positioning and seamlessly adapts to a 5 mm or 10 mm busbar system.

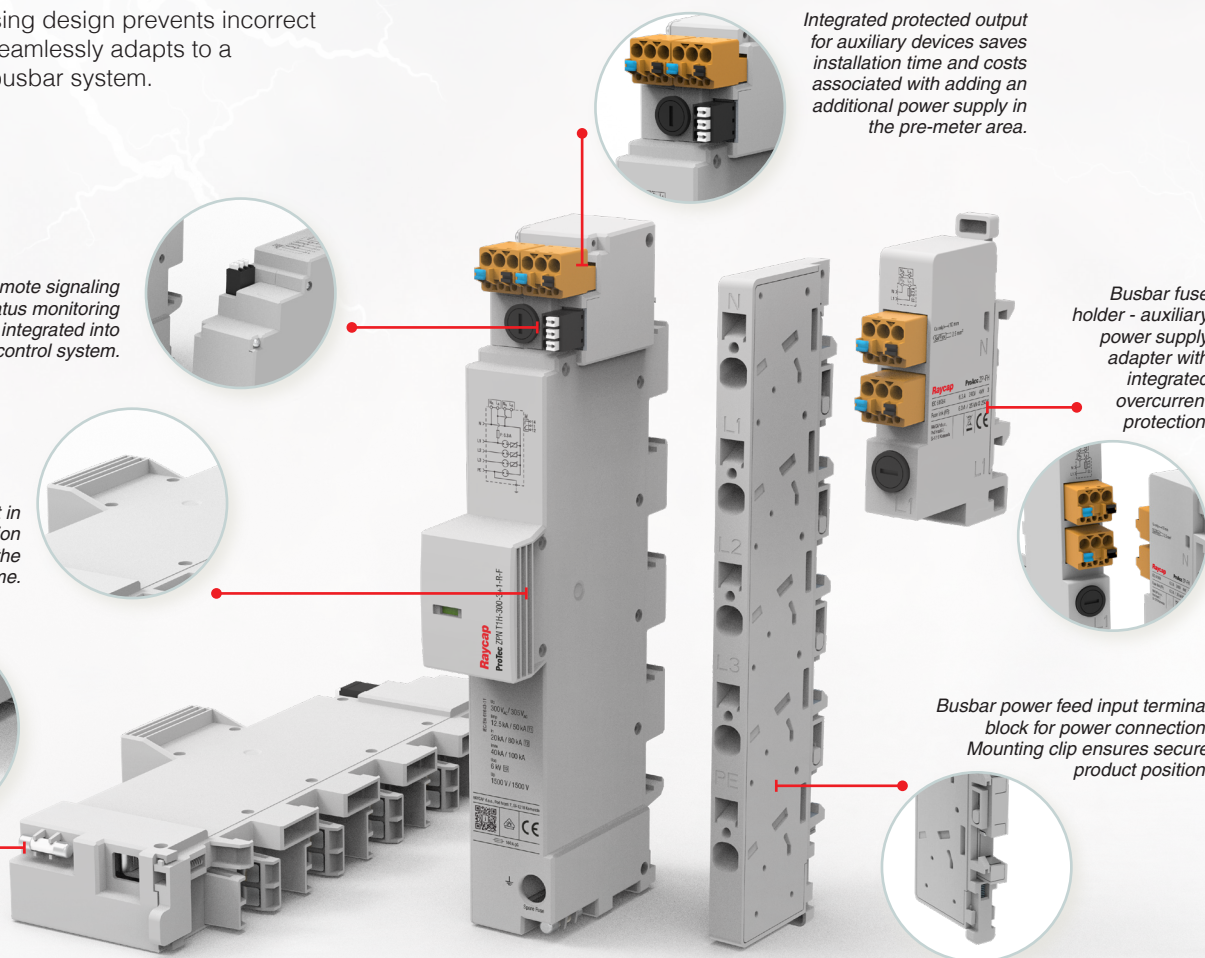
Integrated protected output for auxiliary devices saves installation time and costs associated with adding an additional power supply in the pre-meter area.

The remote signaling contact for status monitoring can be directly integrated into a Smart Home control system.

Ideal design to fit in all main distribution boards and at the same time.



For versions with integrated fuse, a replacement fuse is shipped with the product.



Busbar fuse holder - auxiliary power supply adapter with integrated overcurrent protection.

Busbar power feed input terminal block for power connection. Mounting clip ensures secure product position.

PRODUCT ACCESSORY	I_n	I_{nc}	Max. cross section	PRODUCT ACCESSORY	I_n	U_{imp}
ProAcc ZP-TB	125 A	101 A	25 mm ²	ProAcc ZP-FH	6.3 A	4 kV
Busbar Power Feed Input Terminal Block	Order Code	515 669		Busbar Fuse Holder	Order Code	515 751

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