

# CAPE ELECTRIC



# Raycap

## New Generation Surge Protection



## **About Us**

Established in 1996 we are the first and front runner in various technological products in India, be it Lightning & Surge Protection System and Electrical installation materials.

Our international collaborations helped us to establish ourselves as a leader in providing solutions against failure due to transient surges. Technical seminars on Lightning & Surge Protection not only helped industries in solving failures related to Lightning, Surges and Earthing which also gave an indepth knowledge about international standards.

CAPE ventured with Raycap GmbH, Germany who is one of the largest manufacturer of Surge Protection Devices for various applications in Powerline, Data & Signal line, Wind Turbines, Solar & Photovoltaic, etc., which can offer solutions in various industries like Oil & Gas, Telecommunications, Transportation, Renewable energy, Office and Residential buildings, etc.

"Providing Solutions" which helps in reducing electrical accidents is our main motto and hence the technical team in Cape Electric are continuously trained to provide end to end solution from design to implementation.

The background of the slide features a stylized, glowing white lightning bolt striking down from the top center, with several smaller, branching bolts extending outwards. The overall color palette is light gray and white, creating a clean, industrial aesthetic.

# Our newest protection innovation

## Advanced electrical protection for industrial applications

Raycap, a pioneer in the electrical protection industry has continuously focused its resources on pushing the technological limits in order to help its customers find solutions to their business challenges. This new line of ProTec and SafeTec products broadens Raycap's product portfolio for light industrial markets including building infrastructure, residential, lighting and transportation. New features include advances in thermal disconnection technology, screwless mounting, and 2- and 3-stage MOV and GDT / MOV hybrids, all available in every desirable voltage, IEC class and / or UL type. A contemporary, space saving profile and patented module locking mechanism make module replacement easy. These Raycap solutions provide users with new options, superior designs and embedded technological features that provide simplicity and ease of deployment and installation without compromising quality.

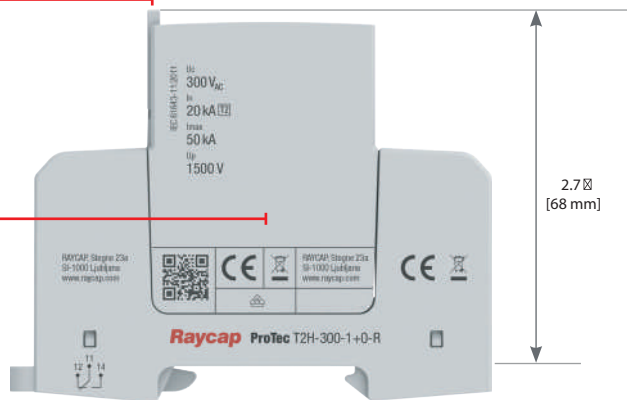
# A generation of surge protection innovation re-invented

- Contemporary design
- Low residual protection level
- Lifetime indicators
- Redesigned thermal disconnection
- Patented protection technologies
- No external back-up fuse required up to 315A
- Vibration and shock withstand capability
- Space-saving design
- Easy replacement
- Patented module locking mechanism
- Meets IEC/EN and UL449 4<sup>th</sup> Edition



Patented Locking Mechanism

Patented ProTec Hybrid Technology

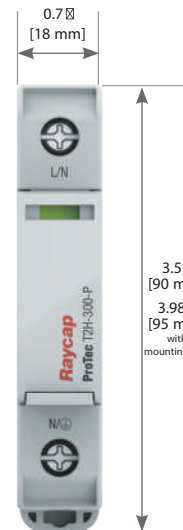


2.7  $\varnothing$   
[68 mm]

0.7  $\varnothing$   
[18 mm]

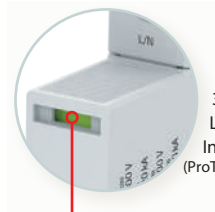
3.5  $\varnothing$   
[90 mm]  
3.98  $\varnothing$   
[95 mm]  
with  
mounting clip

Modern  
Modular  
Space  
Saving  
Profile

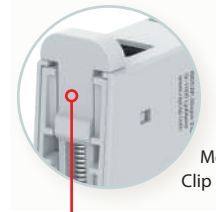




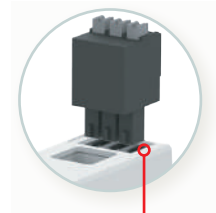
18 mm  
Base with  
SPD Type  
& Voltage  
Coded  
Plug-in  
Modules



3-stage  
Lifetime  
Indicator  
(ProTec ADV  
Series)



Easy  
Mounting  
Clip Design



Screwless  
Pluggable RC  
Connector



Module  
Locking  
Mechanism



# ...for the next generation of power protection



ProTec T1H-300-3+1-R

PRODUCT FAMILY		$I_{imp}$	$I_n$	$I_{max}$	COMBINATION	$U_c = 300 V$
CLASS I	ProTec T1H-300-x+x Hybrid Technology (GDT+MOV) EN T1+2	12.5 kA	20 kA	50 kA	1+0	✓
	2+0				✓	
	3+0				✓	
	4+0				✓	
	1+1				✓	
	3+1				✓	
CLASS I	ProTec T1HS-300-x+x Hybrid Technology (GDT+MOV) EN T1+2	25 kA	25 kA	65 kA	3+0	✓
	3+1				✓	
CLASS II	ProTec T2H-300-x+x Hybrid Technology (GDT+MOV) EN T2	-	20 kA	50 kA	1+0	✓
	2+0				✓	
	3+0				✓	
	4+0				✓	
	1+1				✓	
	3+1				✓	



ProTec T1-300-1+0-R



ProTec T2-300-2+0-R



ProTec T2-300-3+0-R



ProTec T2-300-4+0-R





# CAPE

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