

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.



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 4th Edition



Patented
Locking
Mechanism

Patented
ProTec Hybrid
Technology



2.7 Ø
[68 mm]

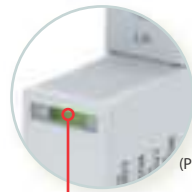


0.7 Ø
[18 mm]

3.5 Ø
[90 mm]
3.98 Ø
[95 mm]
with
mounting clip

Modern
Modular
Space
Saving
Profile





3-stage
Lifetime
Indicator
(ProTec ADV
Series)



Easy
Mounting
Clip Design



Screwless
Pluggable RC
Connector



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



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	12.5 kA	20 kA	50 kA	1+0	✓
	Hybrid Technology (GDT+MOV)				2+0	✓
	EN T1+2				3+0	✓
					4+0	✓
					1+1	✓
					3+1	✓
CLASS II	ProTec T1HS-300-x+x	25 kA	25 kA	65 kA	3+0	✓
	Hybrid Technology (GDT+MOV)				3+1	✓
	EN T2					



ProTec T1-300-1+0-R



ProTec T2-300-2+0-R



ProTec T2-300-3+0-R



ProTec T2-300-4+0-R

PRODUCT FAMILY		I_{imp}	I_n	I_{max}	COMBINATION	$U_c=75V$	$U_c=150V$	$U_c=300V$	$U_c=350V$	$U_c=480V$	$U_c=550V$	$U_c=750V$	$U_c=880V$
CLASS I	ProTec T1-XXX	12.5kA	12.5kA	50kA	1+0	✓	✓	✓	✓				
	MOV Technology				2+0	✓	✓	✓	✓				
	EN T1+2 • UL Type 1 CA				3+0		✓	✓	✓				
					4+0		✓	✓	✓				
					1+1	✓	✓	✓	✓				
					3+1			✓	✓				
	ProTec T1-XXX	10kA	10kA	50kA	1+0					✓			
	MOV Technology				2+0					✓			
	EN T1+2 • UL Type 1 CA				3+0					✓			
					4+0					✓			
	ProTec T1-XXX	5kA	5kA	35kA	1+0							✓	
	MOV Technology				2+0							✓	
	EN T1+2 • UL Type 1 CA				3+0							✓	
	SafeTec T2-XXX	–	20kA	50kA	1+0	✓	✓	✓	✓	✓	✓		
	MOV Technology				2+0	✓	✓	✓	✓	✓	✓		
	EN T2 • UL Type 1 CA				3+0		✓	✓	✓	✓	✓		
					4+0		✓	✓	✓	✓	✓		
					1+1	✓	✓	✓	✓				
					3+1			✓	✓				
CLASS II	SafeTec T2-XXX	–	20kA	35kA	1+0							✓	✓
	MOV Technology				2+0							✓	✓
	EN T2 • UL Type 1 CA				3+0							✓	✓
	ProTec T2-ADV-XXX	–	20kA	50kA	1+0	✓	✓	✓	✓	✓			
	MOV Technology				2+0	✓	✓	✓	✓	✓			
	EN T2 • UL Type 1 CA				3+0		✓	✓	✓	✓			
					4+0		✓	✓	✓	✓			
					1+1	✓		✓	✓				
					3+1			✓	✓				
	ProTec T2-XXX	–	20kA	50kA	1+0	✓	✓	✓	✓	✓			
	MOV Technology				2+0	✓	✓	✓	✓	✓			
	EN T2 • UL Type 1 CA				3+0		✓	✓	✓	✓			
					4+0		✓	✓	✓	✓			
					1+1	✓	✓	✓	✓				
					3+1			✓	✓				
	ProTec T2-XXX	–	20kA	35kA	1+0							✓	
	MOV Technology				2+0							✓	
	EN T2 • UL Type 1 CA				3+0							✓	



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