

# CERTIFICATE OF COMPLIANCE

**Certificate Number** E138168  
**Report Reference** E138168-20160923  
**Issue Date** 2020-MARCH-25

**Issued to:** PHOENIX CONTACT GmbH & Co. KG  
Flachmarktstrasse 8  
32825 Blomberg GERMANY

**This certificate confirms that representative samples of** ISOLATED LOOP CIRCUIT PROTECTORS  
See Addendum page

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

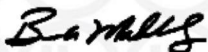
**Standard(s) for Safety:** UL 497B, Protectors for Data Communications and Fire-Alarm Circuits.

**Additional Information:** See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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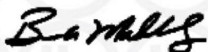
This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

**Isolated loop circuit protectors:**

Models	followed by	followed by	may be followed by	followed by	followed by	may be followed by
TTC	-3	-1X2	-F	-12DC	-PT	-I
	-6	-2X1	-M	-24DC	-UT	
	-6P	-2	-F-M	-48DC		
		-2-HC	-M-EX	-60DC		
		-2XTVSD	-F-M-EX	-24AC		
		-3-HF	-EX	-60AC		
		-GDT-C		-110AC		
		-GDT-D		-120AC		
		-MOV-C		-5DC		
		-MOV-D				
		-TVSD-C				
		-TVSD-D				
		-3				
		-T3				
		-4				

**Plug-in modules**

Models	followed by	followed by	May be Followed by	followed by	followed by	followed by
TTC	-6	-1X2	-EX	-12DC	-I	-P
	-6P	-2X1		-24DC		
		-2		-48DC		
		-2-HC		-5DC		
		-2XTVSD				
		-3HF				
		-3				
		-T3				
		-4				



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## Base modules

Models	followed by	followed by	followed by	followed by	may be followed by	followed by
TTC	-6	-PT	-BE	-0R	-KS	-ATD
		-UT		-1R6	-KS-M	
				-3SIGNALS	-KS-M-EX	
					-F	
					-F-M	
					-F-M-EX	
					-F-M-EX2	
					-EX	
TTC	-6P	-1X2	-M-EX	-PT	-BE	
		-2X1	-F-M-EX	-UT		
		-3HF	-EX			
		-3	(Blank)			
		-4				

Remote control models TTC-6-FMRS-PT and TTC-6-FMRS-UT.

Listed Accessory Fuse Carrier for Data Protector, Model TTC-6-FC-UT. For use for use only with TTC protectors.



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