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Please note: As part of the Fairchild Semiconductor integration, some of the Fairchild orderable part numbers will need to change in order to meet ON Semiconductor's system requirements. Since the ON Semiconductor product management systems do not have the ability to manage part nomenclature that utilizes an underscore (_), the underscore (_) in the Fairchild part numbers will be changed to a dash (-). This document may contain device numbers with an underscore (_). Please check the ON Semiconductor website to verify the updated device numbers. The most current and up-to-date ordering information can be found at www.onsemi.com. Please email any questions regarding the system integration to Fairchild_questions@onsemi.com.

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Safety and Insulation Ratings

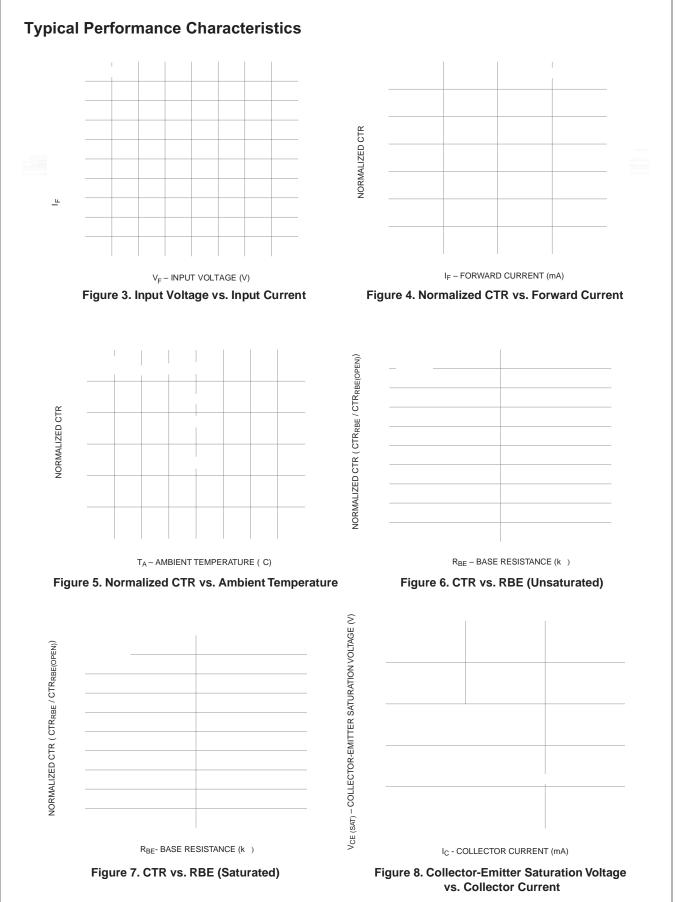
As per DIN EN/IEC 60747-5-5, this optocoupler is suitable for "safe electrical insulation" only within the safety limit data. Compliance with the safety ratings shall be ensured by means of protective circuits.

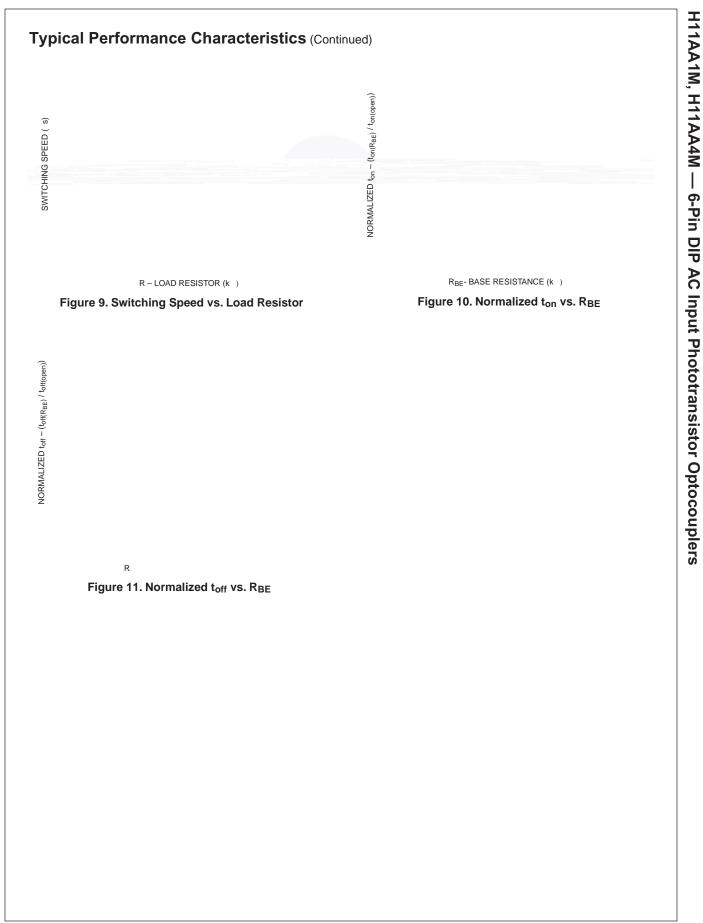
Parameter		Characteristics		
Installation Classifications per DIN VDE 0110/1.89 Table 1, For Rated Mains Voltage		< 150 V _{RMS}	I–IV I–IV	
		< 300 V _{RMS}		
Climatic Classification			55/100/21	
Pollution Degree (DIN VDE 0110/1.89)			2	
Comparative Tracking Index		175		
Symbol	Parar	neter	Value	Unit
V _{PR}	Input-to-Output Test Voltage, Metho Type and Sample Test with t _m	od A, V _{IORM} x 1.6 = V _{PR} ,		
lote:	it values – maximum values allowed	lin the event of a failure		

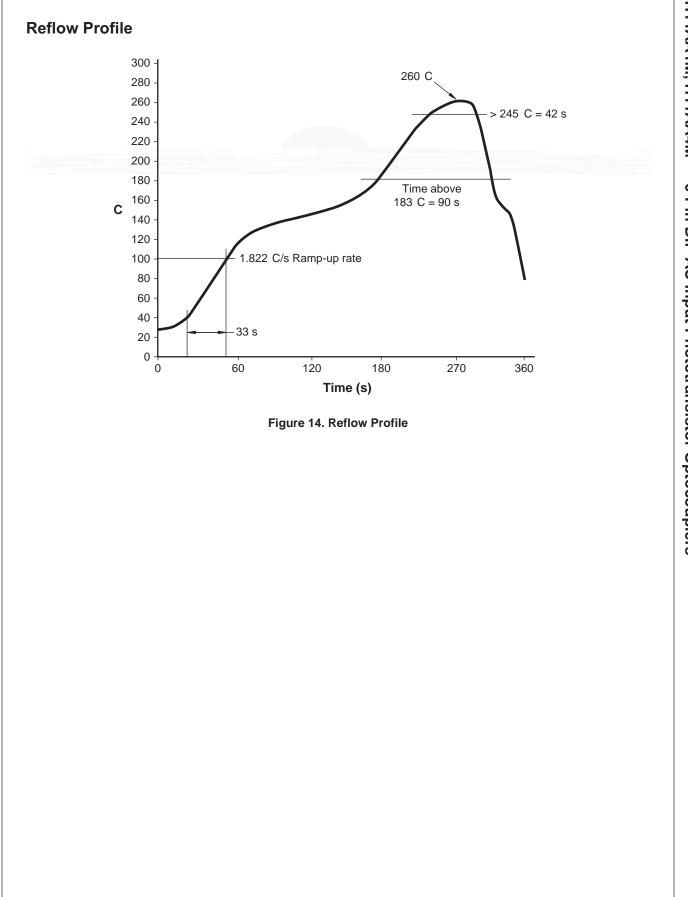
Absolute Maximum Ratings

Stresses exceeding the absolute maximum ratings may damage the device. The device may not function or be operable above the recommended operating conditions and stressing the parts to these levels is not recommended. In addition, extended exposure to stresses above the recommended operating conditions may affect device reliability. The absolute maximum ratings are stress ratings only.

Symbol	Parameter	Value	Unit		
TOTAL DEVICE					
T _{STG}	Storage Temperature	-40 to +125	°C		
T _{OPR}	Operating Temperature	-40 to +100	°C		







NOTES: A) NO STANDARD APPLIES TO T

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