

Electrified Powertrain Technology Electronics

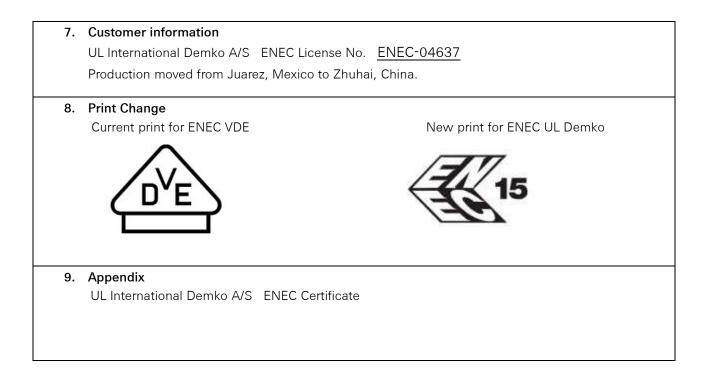
Portfolio Switches and Sensing Solution
+49 9643 18-0
Switches-sensors@zf.com
09.11.2023

ZF Group · Graf-Zeppelin-Straße 1 · 91275 Auerbach

Product Change Notification (PCN)

1.	Product Type
	Double-pole Panelmount Pushbutton Series F7
2.	Affected Part Numbers
	All part numbers starting with
	F77
	F78
	F79
3.	Description of Change
	Change from testing agency VDE to UL International Demko A/S.
	Amended approval print on the switch housing – see point 8
4.	Effect on the product / Customers (quality, specification)
	The specified data according to our technical specifications remain unchanged
5.	Quality Assurance Measures
	ZF Friedrichshafen AG is certified according to ISO 9001:2015
6.	Scheduled date of introduction
	Q4/ 2023
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Chairman of the Supervisory Board: Dr. Heinrich Hiesinger Board of Management: Dr. Holger Klein (CEO), Dr. Lea Corzilius, Dr. Martin Fischer, Michael Frick, Prof. Dr. Peter Laier, Stephan von Schuckmann Headquarters: Friedrichshafen · Trade register of the municipal court of Ulm HRB 630206 ZF Group ZF Friedrichshafen AG Graf-Zeppelin-Straße 1 91275 Auerbach Germany Phone +49 9643 18-0 Fax +49 9643 18-1262 www.zf.com Seite/Page 2/2 · Datum/Date · 08.11.2023



Chairman of the Supervisory Board: Dr. Heinrich Hiesinger Board of Management: Dr. Holger Klein (CEO), Dr. Lea Corzilius, Dr. Martin Fischer, Michael Frick, Prof. Dr. Peter Laier, Stephan von Schuckmann Headquarters: Friedrichshafen · Trade register of the municipal court of Ulm HRB 630206 ZF Group ZF Friedrichshafen AG Graf-Zeppelin-Straße 1 91275 Auerbach Germany Phone +49 9643 18-0 Fax +49 9643 18-1262 www.zf.com

ENEC LICENSE

	License No. Page	ENEC-04637 1/3			
	Date of Issue	2023-11-07			
License Holder	ZF ELECTRONICS NANPING S&T IND 1 LUYUAN RD ZHUHAI AVE E ZHI CHINA				
Production site	ZF ELECTRONICS NANPING S&T IND 1 LUYUAN RD ZHUHAI AVE E ZHU CHINA				
Certification Mark	See Annex 1				
Certified Product	Switches for Appliances				
Model	0F77 Series, 0F78 Series, 0F79 Series See page 2 for additional Information				
Trademark	Æ				
Ratings	0.1(0.05)A 125VAC 10(4)A 250VAC 50/60Hz 40T85 µ 5E4 See page 2 for additional ratings				
Tested acc. to Test Report No.	INST-4791014188-7	18, EN 61058-1-1:2016 1 issued on 2023-11-06 2 issued on 2023-11-06			
Additional Information	See page 2 for addi	tional information			

Certification Manager Thomas Wilson This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this License, in accordance with the ENEC Requirements. The Designated License holder is entitled to use the ENEC 15 Mark (as shown in annex 1) for the Certified Product manufactured at the production site(s) identified above in accordance with the ENEC Mark Service Agreement including without limitation the ENEC Mark Testing and Certification Services Service Terms. Only those Products bearing the ENEC Mark should be considered as being covered by UL's ENEC Mark Service. This License shall remain valid unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this License is amended or withdrawn prior the Date of Withdrawal of conflicting Standard(s).

Certification Body

UL International Demko A/S, Borupvang 5A, DK-2750 Ballerup, Denmark, Tel. +45 44 85 65 65, info.dk@ul.com www.ul.com



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Date of Issue 2023-11-07

Additional Model(s):

Series: 0F77 Series, 0F78 Series, 0F79 Series: 0F77 or 0F78 or 0F79, f/b -0, -2, -3, -4, -5 or -6~9, f/b 0, 1, 2 or 3~9, f/b A, f/b 0, 1~9 or Alpha Character

Nomenclature of 0F77 Series, 0F78 Series and 0F79 Series:

0F77	-	0	0	A	0	
	-	II		IV	V	
I	Series Name &	0F77	Left 0.1(0.05)A 125VAC, Right 10(4)A 250 VAC or Left 10(4)A 250 VAC, Right 0.1(0.05)A 125VAC			
	Rating					
		0F78	Left&Right 0.1(0.05)A 125VAC			
		0F79	Left&Right 10(4)A 250 VAC			
II	Button Type	Button Type 0 Basic Button: M		: Makes Contact While Actuated		
		2	Push-Pull Button: Push-Makes Contact; Pull-Reset Po			
		3	Push-Pull Button:			
			Pushed: Normal Push Button Function			
			Pulled: Permanent Contact Function			
		4	Short Button: Makes Contact While Actuated			
		5	Auxiliary Button: Makes Contact While Actuated			
		6-9	Prepared For Other Customized			
	Circuit Function	0	SPDT			
		1	SPST - NO			
		2	SPST - NC			
		3-9	Prepared For Other Customized			
IV	Designation Type	A	Standard Designation			
V	Special Code	0	Standard Versio	on		
		1-9 or Alpha Character	Indicate Custom	Design, For Example:		
			Type Terminal, Customer, Customer Part Number, Angle Of			
			Terminals, Et. A			

Ratings:

IP40

for class II appliances

Additional information:

0F77 or 0F78 or 0F79, f/b -0, -2, -3, -4, -5 or -6~9, f/b 0, 1, 2 or 3~9, f/b A, f/b 0, 1~9 or Alpha Character, Push-Button Switch for class II appliances with rating of :

0.1(0.05)A 125VAC 10(4)A 250VAC 50/60Hz 40T85 μ 5E4 IP40 Glow Wire Temperature 850 $^\circ\!C$ PTI175 Quick Connect Terminal Pollution Degree 2 Uimp 2500V

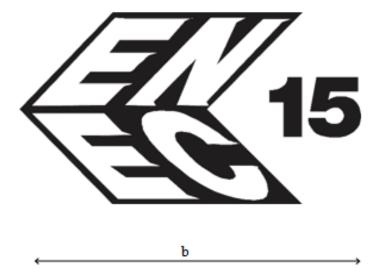
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Annex 1 to License No. ENEC-04637

Annex of the form of the Mark



15 is the identification number of the Certification Body

Size of the mark:

The size of the mark may be reduced on the condition that it remains legible and that the ratio b/a=1,7 is kept.

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