

EC-Type Examination Certificate

No. M6A 020132 0273 Rev. 01

Holder of Certificate:	Pilz GmbH & Co. KG Felix-Wankel-Str. 2 73760 Ostfildern GERMANY
Product:	Safety components Safety switch
Model(s):	Two-hand control devices
Parameters:	Synchronus Actuation: < 500ms Voltage Tolerance: -15 ... +10% Temperatur Range: -25 ... +55°C

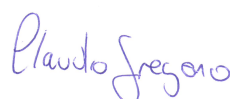
The report and the user documentation in the current valid revision are mandatory part of this certificate. The product complies with the following safety requirements only if the specifications documented in the currently valid revision of this report are met. The certified components are listed in report PO83643T in the current valid revision.

This EC Type Examination Certificate is issued according to Article 12(3) b or 12(4) a of Council Directive 2006/42/EC relating to machinery. It confirms that the listed Annex-IV equipment complies with the principal protection requirements of the directive. It refers only to the sample submitted to TÜV SÜD Product Service GmbH for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: **PO83642T**

Valid until: 2026-07-11

Date, 2021-07-13



(Claudio Gregorio)



Product Service

CERTIFICATE

No. Z10 020132 0274 Rev. 01

Holder of Certificate: **Pilz GmbH & Co. KG**

Felix-Wankel-Str. 2
73760 Ostfildern
GERMANY

Certification Mark:



Product: **Safety components
Safety switch**

Model(s): **Two-hand control devices**

Parameters: Synchronus Actuation: < 500ms
Voltage Tolerance: -15 ... +10%
Temperatur Range: -25 ... +55°C

The report and the user documentation in the current valid revision are mandatory part of this certificate. The product complies with the following safety requirements only if the specifications documented in the currently valid revision of this report are met. The certified components are listed in report PO83643T in the current valid revision.

Tested according to: EN ISO 13849-1:2015 (up to Cat.4 PL e)
EN ISO 13851:2019

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: **PO83642T**
Valid until: 2026-07-11

Date, 2021-07-14

(Claudio Gregorio)



Liste der Varianten der Sicherheitsschaltgeräte-Familie Zweihandschaltungen

List of variants
of safety relay family
Two-hand control devices

Hersteller / Manufacturer:

Pilz GmbH & Co. KG
Felix-Wankel-Straße 2
D-73760 Ostfildern
Germany

Bericht-Nr. / Report no: PO83643T

Revision 1.2

2021-07-13

Prüfstelle / Test body:

TÜV SÜD RAIL GmbH
Rail Automation



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Änderungshistorie / Change history:

Version	Name	Datum / Date	Änderungen / Changes
1.0	Jens Luther	2012-12-11	Erste Ausgabe / First release
1.1	Wolfgang Mayer	2018-07-06	Rezertifizierung / re-certification
1.2	Jens Luther	2021-07-13	Rezertifizierung / re-certification

Änderungen zur Vorgängerversion / Changes to the previous version:

Kapitel Chapter	Type Device	Bemerkung / Remarks
All	-	Add Modification Report



1. Typ IIIA gemäß / according EN 574 / EN ISO 13851

Typ / Type	Sach-Nr. Order No.	Version	Internal Test-Report	Sicherheitsrelevante Strompfade Safety related circuits				Bemerkung / Remark
				Kontakte Contacts	PFH _D	SIL CL	PL	
P1HZ X1	774360 (24V DC)	1.3	PO83642T V1.1 717515893 V1.0 PO96722T V1.0	13-14 23-24	8,53·10 ⁻⁰⁸	1	c	--



2. Typ IIIC gemäß / according EN 574 / EN ISO 13851

Typ / Type	Sach-Nr. Order No.	Version	Internal Test-Report	Sicherheitsrelevante Strompfade Safety related circuits				Bemerkung / Remark
				Kontakte Contacts	PFH _D	SIL CL	PL	
P2HZ X1	774330 (24VAC)	4.2	PO83642T V1.1 717515893 V1.0 PO96722T V1.0	13-14 23-24 33-34	3,01·10 ⁻⁰⁹	3	e	--
	774331 (42VAC)	4.2						
	774332 (48VAC)	4.2						
	774340 (24VDC)	4.2						
	774341 (26VDC)	4.2						
	774434 (110VAC)	4.2						
	774435 (115VAC)	4.2						
	774436 (120VAC)	4.2						
	774438 (230VAC)	4.2						
	774439 (240VAC)	4.2						



Typ / Type	Sach-Nr. Order No.	Version	Internal Test-Report	Sicherheitsrelevante Strompfade Safety related circuits				Bemerkung / Remark
				Kontakte Contacts	PFH _D	SIL CL	PL	
P2HZ X1P	777330 (24VAC)	4.2	PO83642T V1.1 717515893 V1.0 PO96722T V1.0	13-14 23-24 33-34	3,01·10⁻⁰⁹	3	e	--
	777331 (42VAC)	4.2						
	777332 (48VAC)	4.2						
	777340 (24VDC)	4.2						
	777434 (110VAC)	4.2						
	777435 (115VAC)	4.2						
	777436 (120VAC)	4.2						
	777438 (230VAC)	4.2						
	777439 (240VAC)	4.2						
	787330 (24VAC)	1.1						
	787331 (42VAC)	1.1						
	787332 (48VAC)	1.1						
	787340 (24VDC)	1.1						
	787434 (110VAC)	1.1						
	787435 (115VAC)	1.1						
	787436 (120VAC)	1.1						
	787438 (230VAC)	1.1						
787439 (240VAC)	1.1							





Typ / Type	Sach-Nr. Order No.	Version	Internal Test-Report	Sicherheitsrelevante Strompfade Safety related circuits				Bemerkung / Remark
				Kontakte Contacts	PFH _D	SIL CL	PL	
P2HZ X1.10P	777341 (24VDC)	1.2	PO83642T V1.1	13-14	3,01·10⁻⁰⁹	3	e	--
	787341 (24VDC)	1.1	717515893 V1.0 PO96722T V1.0	23-24 33-34				
P2HZ X2	774345 (24VAC)	2.1	PO83642T V1.1 717515893 V1.0 PO96722T V1.0	13-14 23-24	3,01·10⁻⁰⁹	3	e	--
P2HZ X3	774350 (24VDC)	3.4	PO83642T V1.1 717515893 V1.0 PO96722T V1.0	13-14 23-24	3,01·10⁻⁰⁹	3	e	--
P2HZ X4P	777354 (24VAC)	3.3	PO83642T V1.1 717515893 V1.0 PO96722T V1.0	13-14 23-24 33-34	3,01·10⁻⁰⁹	3	e	--
	777355 (24VDC)	3.3						
	787354 (24VAC)	1.1						
	787355 (24VDC)	1.1						



3. Anmerkung / Comment

3.1 Sicherheitskennwerte / Safety characteristics:

SIL CL:	Safety Integrity Level entsprechend EN / IEC 62061 / Safety Integrity Level according EN / IEC 62061
PL:	Performance Level entsprechend EN 13849-1 / Performance Level according EN 13849-1.

	Freigabe Prüfstelle: Release by Test Body:	Freigabe Zertifizierstelle: Release by Certification Body:
Unterschrift: Signature:	 Digitally signed by Jens Luther Date: 2021.07.12 15:02:32 +02'00'	 Digital signiert von Claudio Gregorio Datum: 2021.07.13 12:43:49 +02'00'