



Supply of Machinery (Safety) Regulations 2008 Type Examination Certificate

Certificate number:	UK-MAC000101 i01
Certificate Holder and Manufacturer	PILZ GmbH Felix-Wankel-Str. 2 73760 Ostfildern GERMANY
Relevant Representative	PILZ Automation Ltd Pilz House, Little Colliers Field, Corby Northants, NN18 8TJ United Kingdom
Product(s)	Safety components Safety switch
Product Type	Two-hand control devices
Apparatus (inc Variants)	The report PO83642T 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 Type Examination Certificate is issued according to Regulation 11 or 12 of Statutory Instrument 2008 No. 1597 relating to Machinery and in accordance with the TÜV SÜD Testing and Certification Regulations. It confirms that the Technical Documentation File demonstrates that the listed Annex-IV equipment complies with the Essential Health & Safety Requirements of the Regulations.

Signature: _____

Date: _____ 02/06/2023

On behalf of TUV SUD BABT Unlimited

Valid from: 02/06/2023

(Signature) Matthias Ramold

Expiry Date: 01/06/2028

TUV SUD BABT Unlimited is appointed as an Approved Body Number 0168 in accordance with Statutory Instrument 2008 No. 1597 for Machinery.

The UKCA marking may be used on the equipment described above, subject to the equipment meeting the requirements of all applicable Regulations.

This Certificate remains valid providing any conditions of validity to the Certificate are complied with. For further details related to this certification please contact babt@tuvsud.com



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'