

PID:
12100050
CID:
CN.P0008A

Certificato di approvazione

Approval certificate



**IMQ, ente di certificazione accreditato,
autorizza la ditta**

IMQ, accredited certification body, grants to

PRD N° 005B

Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC
Mutual Recognition Agreements

**VANDERBILT INTERNATIONAL (IRL) LTD.
CLONSHAUGH BUSINESS & TECHNOLOGY PARK
DUBLIN D17 KV84
IE - Ireland**

all'uso del marchio

the licence to use the mark

IMQ-SISTEMI DI SICUREZZA



**Il presente certificato è
soggetto alle condizioni
previste nel Regolamento
"MARCHI IMQ -
Regolamento per la
certificazione di prodotti" ed
è relativo ai prodotti
descritti nell'Allegato al
presente certificato.**

per i seguenti prodotti

for the following products

**Apparecchiature di espansione
ingressi/uscite
(Mod. SPCP332.300)**

*I/O Expanders
(Model SPCP332.300)*

*This certificate is subjected to
the conditions foreseen by Rules
"IMQ MARKS - RULES for
product certification" and is
relevant to the products listed in
the annex to this certificate.*

Emesso il / Issued on **2015-02-04**
Aggiornato il / Updated on **2019-04-11**
Sostituisce / Replaces **2016-06-15**
Scade il / Expires on **2022-04-10**

IMQ S.p.A.

Allegato - Certificato di approvazione
Annex - Approval certificate

Emesso il / Issued on 2015-02-04
Aggiornato il / Updated on 2019-04-11
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Prodotto | Product

Apparecchiature di espansione ingressi/uscite I/O Expanders

Concessionario | Licence Holder

VANDERBILT INTERNATIONAL (IRL) LTD.
CLONSHAUGH BUSINESS & TECHNOLOGY PARK
DUBLIN D17 KV84
IE - Ireland

Marchio | Mark



IMQ-
SISTEMI DI
SICUREZZA

Costruito a | Manufactured at

PL.00010F C04963707 4024 Laguna Technopark, Binan, Laguna Philippines

Copia del presente certificato deve essere conservata presso i luoghi di produzione sopra elencati.

Copy of this certificate must be available at the manufacturing places listed above

Norme / Specifiche tecniche

Prodotto/i conforme/i alle Norme/Specifiche tecniche:

EN 50131-3:2009
EN 50131-1:2006 + A1:2009
EN 50131-6:2008 + A1:2014
EN 50130-5:2011
EN 50130-4:2011 + A1:2014
EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013
Prodotti conformi agli obiettivi di sicurezza della Direttiva B.T.
2014/35/UE (Allegato I).

Standards / Technical specifications

Product/s complying to Standards/Technical specifications:

EN 50131-3:2009
EN 50131-1:2006 + A1:2009
EN 50131-6:2008 + A1:2014
EN 50130-5:2011
EN 50130-4:2011 + A1:2014
EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013
Products meeting the safety objectives of Low Voltage Directive
2014/35/EU (Annex I).

Rapporti | Test Reports

SS14A0238692-01; SS15L0557483-01; SS18-0022851-02

Caratteristiche tecniche | Technical characteristics

Tensione nominale alimentazione / Rated supply voltage **230 V ~**
Frequenza nominale alimentazione / Rated supply frequency **50 Hz**
Corrente massima assorbita / Rated current **220 mA**
Numero ingressi / Inputs **1 ÷ 8 zone filari / 1 ÷ 8 wired zones**
Numero uscite / Outputs **2**
Tipo di interconnessione / Interconnection type **filare / wired**
Grado di sicurezza / Security grade **Grade 2**
Classe ambientale / Environmental class **Class II**

Articoli (con dettagli) | Articles (with details)

AR.00096W

Marca / Trade mark **VANDERBILT**
Modello / Model **SPCP332.300**

Tipo e capacità massima della batteria di accumulatori
alloccabile / Type and maximum capacitance of the battery **12 V - 7 Ah**

Ulteriori informazioni | Additional Information

Configurazione base del modulo PSU con espansione di ingressi modello SPCP332.300.

Il modulo prevede un involucro metallico (E-CA138612, dimensioni 264 x 357 x 81 mm), protetto contro l'apertura e la rimozione, contenente:

- No. 1 Scheda principale codice E-PC139514 Rev. A1 / E-PC139613 Rev. A1 PSU V10 Exp. V1.11, con 8 circuiti di ingresso e 2 uscite;
- No. 1 Trasformatore modello E-CCT-1007E (230Vac, 50Hz, out 18V, 2500mA) prodotto da FUYUAN ELECTRONIC COMPANY;
- No. 1 Batteria allocabile da 12 V - 7 Ah.

Il modello SPCP332.300 è da usare con gli apparati di controllo e segnalazione VANDERBILT denominati SPC5320.320-L1 e SPC4320.320-L1.

Basic configuration of PSU with input/output expander model SPCP332.300.

The PSU with input/output is provided with a metal enclosure (Cabinet E-CA138612, dimension 264 x 357 x 81 mm), protected against opening and removal, containing:

- No. 1 Main board E-PC139514 Rev. A1 / E-PC139613 Rev. A1 PSU V10 Exp. V1.11 with 8 input circuits and 2 outputs;
- No. 1 Main transformer model E-CCT-1007E (230Vac, 50Hz, out 18V, 2500mA) manufactured by FUYUAN ELECTRONIC COMPANY;
- No. 1 Allocable battery of 12 V - 7 Ah.

Model SPCP332.300 have to be used with control and indicating equipment manufactured by VANDERBILT, type SPC5320.320-L1 and SPC4320.320-L1.

Componenti | Component List

Vedere apposito elenco / See relevant annex

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Aggiornato il | Updated on **2019-04-11**

Sostituisce | Replaces **2016-06-15**

Scade il | Expires on **2022-04-10**

Diritti di concessione | Annual Fees

SN.0000X4	EMT.121000.DA2N	Importo modelli IMQ - centrali - 1210 - Centrali ed apparati ausiliari IMQ models - control panel - 1210 - Central processing units and auxiliary apparatus	1
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Annex to Approval Certificate No. CA12.01574

Issue 2

Date: 2016-06-16

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Object/part No.	Manufacturer/ trademark	Type/model	Technical data	Standard (Edition / year)	Mark(s) of conformity ¹⁾
Mains connectors with fuse holder	CamdenBoss Ltd,	CFTBN	250V, 13A, 120°C, Flame class UL94V-0	IEC 60257 ANSI/UL 1059, IEC 60998-1, IEC60998-2-1	IMQ, cURus(E167251), VDE
Primary fuse (2)	Cooper Bussmann LLC	S506 Series, Time Delay, GlassTube	T 250mA L, 250V, 5x20mm Fuses	ANSI/UL 248-1, ANSI/UL 248-14, IEC 60127-3/4	cUR, CSA, IMQ, VDE
Transformer	Fuyuan Electronic Co.	E-CCT-1007E	Class B	See Annex 5	Tested in appliance
Thermal protection	Zhongshan Joint- Force Electron Co Ltd 	L33	thermal cutoff 130°C, 250V, 2A	ANSI/UL 60691 IEC 60691	UR(E142267), CSA, VDE, S
Battery (2)	GS Yuasa International Ltd	NP 7-12 FR	12V, 7.0Ah Enclosure UL flame class min. V0	ANSI/UL 1989	UR (MH12970)
Power supply board type E-PC139514					
Secondary connectors	Dinkle Enterprise Co Ltd	DT-49	300V,25A Ta 105°C, UL flame class UL94V-0	ANSI/UL 1059, with ANSI/UL 60947-1, "	UR (E102914)
Secondary Coil L6	Pulse Electronics	P0848NL	50µH, 40V, 5A Class A considered	See Annex 5	Tested in appliance
Secondary PTC (FSR5)	Bourns Electronics (Taiwan) Ltd	MF-RX250	60V, Ihold:2.5A, Itrip 5A, Tmoa (°C) 85°C	UL 1434, CSA- C22.2 No.72 IEC 60730-1 EN 60738-1-1 EN 60738-1	cUR, (E174545), TUV
Secondary PTC (FSR1)	Bourns Electronics (Taiwan) Ltd	MF-SM200	15V, Ihold:2A, Itrip 4A, Tmoa (°C) 85°C	UL 1434, CSA- C22.2 No.72 IEC 60730-1 EN 60738-1-1 EN 60738-1	cUR, (E174545), TUV
	Bourns Electronics (Taiwan) Ltd	MF-SM125-2	15V, Ihold:1.25A, Itrip 2.50A, Tmoa (°C) 85°C	UL 1434, CSA- C22.2 No.72 IEC 60730-1 EN 60738-1-1 EN 60738-1	cUR, (E174545), TUV




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Issue 2

Date: 2016-06-16

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Object/part No.	Manufacturer/ trademark	Type/model	Technical data	Standard (Edition / year)	Mark(s) of conformity ¹⁾
Secondary PTC (FSR4)	Bourns Electronics (Taiwan) Ltd	MF-SM050	60V, Ihold:0.5A, Itrip 1A, Tmoa (°C) 85°C	UL 1434, CSA- C22.2 No.72 IEC 60730-1 EN 60738-1-1 EN 60738-1	cUR, (E174545), TUV
8-In/2-OUT-Expander board type E-PC139613					
Secondary connectors	Anglia Components Ltd 	Series TBP/BG or equivalent	250V,Ta 120°C, UL flame class UL94V-0	ANSI/UL 1059, with ANSI/UL 60947-1, "	UR (E191619)
Secondary PTC (FSR1)	Bourns Electronics (Taiwan) Ltd	MF-MSMF110/16	16V, Ihold:1.1A, Itrip 2.2A, Tmoa (°C) 85°C	UL 1434, CSA- C22.2 No.72 IEC 60730-1 EN 60738-1-1 EN 60738-1	cUR, (E174545), TUV

(1) Component used as alternative.

(2) Approved component replaceable with another one also approved with equivalent characteristics.

Unless otherwise stated (2), the above components can not be replaced without IMQ authorization.