

# Fișă tehnică produs

Specificatii



## Contact Easy TeSys 3P(3 NO), AC-3, = 440V bob. 9A, 220 V AC

LC1E0910M5

## Principale

Gama	Easy TeSys
gama de produse	Easy TeSys Control
Tip produs sau componenta	Contactor
nume scurt al dispozitivului	LC1E
aplicatie contactor	Comanda motor Sarcina rezistiva
categorie de utilizare	AC-3 AC-3e AC-1
descriere poli	3P
[Ue] tensiune nominala de functionare	Circuit de alimentare <= 690 V c.a. 50/60 Hz
[Ie] curent nominal de utilizare	9 A (at <55 °C) at <= 440 V c.a. AC-3 for circuit de alimentare 9 A (at <55 °C) at <= 440 V c.a. AC-3e for circuit de alimentare 25 A (at <55 °C) at <= 440 V c.a. AC-1 for circuit de alimentare
[Uc] tensiune circuit de comanda	220 V c.a. 50 Hz

## Suplimentare

putere motor kW	2,2 kW at 220/230 V c.a. 50/60 Hz 4 kW at 380/400 V c.a. 50/60 Hz 4 kW at 415/440 V c.a. 50/60 Hz 4 kW at 500 V c.a. 50/60 Hz 4 kW at 660/690 V c.a. 50/60 Hz 5,5 kW at 660...690 V c.a. 50/60 Hz
compozitie contact pol	3 NO
[Ith] curent termic conventional in aer liber	25 A (at 55 °C) for circuit de alimentare
Irms capacitatea nominala la inchidere	117 A at 440 V c.a. for circuit de alimentare conforming to IEC 60947-4-1
capacitate de rupere nominala	76,5 A at 440 V for circuit de alimentare conforming to SR EN 60947
[Icw] curent nominal de scurtcircuit admisibil	105 A 40 °C - 10 s for circuit de alimentare 61 A 40 °C - 60 s for circuit de alimentare 30 A 40 °C - 600 s for circuit de alimentare
calibrul fuzibilului asociat	20 A gG at <= 690 V coordination tip 1 for circuit de alimentare 10 A gG at <= 690 V for auxiliary contact circuit conforming to SR EN 60947-5-1
impedanta medie	2,5 mOhm - Ith 25 A 50 Hz for circuit de alimentare
puterea disipata pe pol	0,2 W AC-3 1,6 W AC-1
[Ui] tensiune nominala de izolatie	690 V conformitate cu IEC 60947-4-1
categorie de supratensiune	III
Grad de poluare	3

<b>[Uimp] tensiune de tinere la impuls</b>	6 kV bobina neconectată în circuitul de forță conformitate cu SR EN 60947
<b>durabilitate mecanica</b>	10000000 cic
<b>durabilitate electrica</b>	1400000 cic AC-3 150000 cic AC-1
<b>tipul circuitului de comanda</b>	C.a. la 50 Hz
<b>limite de tensiune circuit de comanda</b>	0,85...1,1 Uc (-5...55 °C):operațional 50 Hz 0,3...0,6 Uc (-5...55 °C):eliminare 50 Hz
<b>consum de energie conectare in VA</b>	95 VA 50 Hz cos phi 0,75 (at 20 °C) 95 VA 60 Hz cos phi 0,75 (at 20 °C)
<b>consum de energie mentinere in VA</b>	8,3 VA 50 Hz cos phi 0,3 (at 20 °C) 8,5 VA 60 Hz cos phi 0,3 (at 20 °C)
<b>disipare de caldura</b>	2...3 W for circuit de comanda
<b> timp de functionare</b>	12...22 ms la închidere 4...19 ms la deschidere
<b> viteza maxima de functionare</b>	1800 cic/h la <60 °C
<b>conexiuni - borne</b>	Circuit de alimentare: borne cu surub 1 1...4 mm <sup>2</sup> - cable stiffness: flexibil fara terminale de cablu Circuit de alimentare: borne cu surub 2 1...2,5 mm <sup>2</sup> - cable stiffness: flexibil fara terminale de cablu Circuit de alimentare: borne cu surub 1 1...4 mm <sup>2</sup> - cable stiffness: flexibil cu pini Circuit de alimentare: borne cu surub 2 1...4 mm <sup>2</sup> - cable stiffness: flexibil cu pini Circuit de alimentare: borne cu surub 1 1...4 mm <sup>2</sup> - cable stiffness: solid fara terminale de cablu Circuit de alimentare: borne cu surub 2 1...4 mm <sup>2</sup> - cable stiffness: solid fara terminale de cablu Circuit de comanda: borne cu surub 1 1...4 mm <sup>2</sup> - cable stiffness: flexibil fara terminale de cablu Circuit de comanda: borne cu surub 2 1...2,5 mm <sup>2</sup> - cable stiffness: flexibil fara terminale de cablu Circuit de comanda: borne cu surub 1 1...4 mm <sup>2</sup> - cable stiffness: flexibil cu pini Circuit de comanda: borne cu surub 2 1...4 mm <sup>2</sup> - cable stiffness: flexibil cu pini Circuit de comanda: borne cu surub 1 1...4 mm <sup>2</sup> - cable stiffness: solid fara terminale de cablu Circuit de comanda: borne cu surub 2 1...4 mm <sup>2</sup> - cable stiffness: solid fara terminale de cablu
<b>cuplu de strangere</b>	Circuit de alimentare 1,2 N.m Circuit de comanda 1,2 N.m
<b>compozitie contact auxiliar</b>	1 NO
<b>tensiunea minima de comutare</b>	17 V for auxiliary contact circuit
<b>curentul minim de comutare</b>	5 mA for auxiliary contact circuit
<b>rezistenta de izolatie</b>	> 10 MΩ for auxiliary contact circuit
<b>timpul de nesuprapunere</b>	1,5 ms la energizare garantat intre contactul NC si No 1,5 ms la întreruperea alimentării garantat intre contactul NC si No
<b>suport de montare</b>	Placa Sina DIN

## Mediu

<b>standarde</b>	EN/IEC 60947-1 EN/IEC 60947-4-1 SR EN 60947-5-1 GB/T 14048.1 GB/T 14048.4 GB/T 14048.5 EN/IEC 60335-1:Clause 30.2 EN/IEC 60335-2-40:Annex JJ IS/IEC 60947-1 IS/IEC 60947-4-1 IS/IEC 60947-5-1
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<b>certificari produs</b>	Schema CB CCC UE EAC BIS
<b>grad de protectie IP</b>	IP2x conformitate cu SR EN 60529
<b>tratament protector</b>	TH (grad de poluare 3) conformitate cu IEC 60068-2-30
<b>temperatura permisa a aerului in jurul aparatului</b>	-20...70 °C la Uc -60...80 °C storage -5...55 °C operation
<b>altitudinea de functionare</b>	3000 m fără declasare
<b>rezistenta la foc</b>	850 °C conformitate cu IEC 60695-2-1
<b>rezistenta mecanica</b>	Vibrații contactor deschis (1.5 Gn, 5...300 Hz) Vibrații contactor închis (3 Gn, 5...300 Hz) Șocuri contactor deschis (7 Gn for 11 ms) Șocuri contactor închis (10 Gn pentru 11 ms)
<b>inaltime</b>	74 mm
<b>latime</b>	45 mm
<b>adancime</b>	80 mm
<b>greutate produs</b>	0,3 kg

## Unitati de ambalare

<b>Unitate de masura pentru prima forma de impachetare</b>	PCE
<b>Număr de produse în pachet</b>	1
<b>Inaltime prima forma de impachetare</b>	8,700 cm
<b>Latime prima forma de impachetare</b>	5,000 cm
<b>Lungime prima forma de impachetare</b>	7,500 cm
<b>Greutate colet(Lbs)</b>	339,000 g
<b>Unitate de masura pentru a doua forma de impachetare</b>	S02
<b>Numar unitati in a doua forma de impachetare</b>	36
<b>Inaltime a doua forma de impachetare</b>	15,000 cm
<b>Latime a doua forma de impachetare</b>	30,000 cm
<b>Lungime a doua forma de impachetare</b>	40,000 cm
<b>Greutate a doua forma de impachetare</b>	12,932 kg
<b>Unitate de masura pentru a treia forma de impachetare</b>	P06
<b>Numar unitati in a treia forma de impachetare</b>	576
<b>Inaltime a treia forma de impachetare</b>	75,000 cm
<b>Latime a treia forma de impachetare</b>	60,000 cm
<b>Lungime a treia forma de impachetare</b>	80,000 cm
<b>Greutate a treia forma de impachetare</b>	215,412 kg

## Garanție contractuală

<b>Garantie (in luni)</b>	60
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Schneider Electric isi propune sa atinga nivelul Net Zero pana in 2050 prin parteneriate la nivelul lantului de aprovizionare, materiale cu impact mai redus si circularitate, prin campania „Use Better, Use Longer, Use Again” pentru a extinde durata de viata a produselor si reciclabilitatea.

[Environmental Data explicate >](#)

[Cum evaluam sustenabilitatea produselor >](#)

### **Amprenta de mediu**

Amprenta de carbon totala pe durata de viata	387 kg CO2 eq.
Amprenta de carbon a fazei de fabricație [A1–A3]	4 kg CO2 eq.
Amprenta de carbon a fazei de distribuție [A4]	0.4 kg CO2 eq.
Amprenta de carbon a fazei de instalare [A5]	0 kg CO2 eq.
Amprenta de carbon a fazei de utilizare [B2, B3, B4, B6]	383 kg CO2 eq.
Amprenta de carbon a fazei de sfârșit de viață [C1–C4]	0.5 kg CO2 eq.
Raport de mediu	<a href="#">Profilul ambiental al produsului</a>

### **Use Better**

#### **Materiale si ambalare**

Pachet cu carton reciclabil	Da
Ambalaj fara plastic	Da
Numar SCIP	E555d54e-f8a3-45c7-9bb0-e1481cefd00
Directiva RoHS a UE	<a href="#">Conform</a>
Regulamentul REACH	<a href="#">Referința conține SVHC peste prag</a>

### **Use Longer**

#### **Prelungire durata de viata**

Reparare	Nu
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### **Use Again**

#### **Reambalare si refabricare**

Potentialul de reciclabilitate, in %	14
Profil circularitate	<a href="#">Informatii privind sfarsitul duratei de viata</a>
Preluare la sfarsitul duratei de viata	No
Eticheta WEEE	 În Uniunea Europeana, produsele trebuie reciclate respectand sistemul specific de colectare a deseurilor si nu trebuie sa ajunga in pubelele de colectare a deseurilor menajere.

Offer Marketing Illustration

Product benefits / Features

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## Easy TeSys Contactors Range Accessories



Mechanical interlock



Auxiliary contact block



Time delay auxiliary contact block



Terminal block



Suppressor module

Offer Marketing Illustration

Product benefits / Features

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## Easy TeSys Contactors

### Technical Benefits



9 sizes cover common applications from 6A to 630A.

Designed to meet the requirements of Electro-domestic and HVAC applications.

Various Relay Coil Voltages: A.C.

It can cover -5°C to 55°C working temperature and mounted by DIN-rail. No derating up to 3000m altitude.

2.2kW to 335kW (AC3/400V)

Multi-standards certified (IEC, CCC, EAC) and Green Premium compliant (RoHS/Reach).

Offer Marketing Illustration

Product benefits / Features

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## Easy TeSys Contactors



### Designed for the essential

Deliver the best balance between performance and budget without any compromise on quality



### Easy to use

Easier to install and operate with multi-standard screws



### Cost-effective

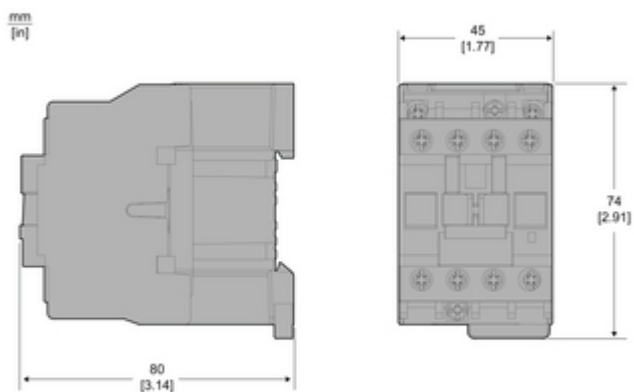
Provides a cost-effective solution to a simple application



Technical Illustration

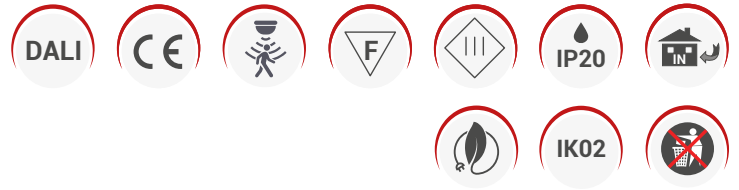
Assembly's dimensions

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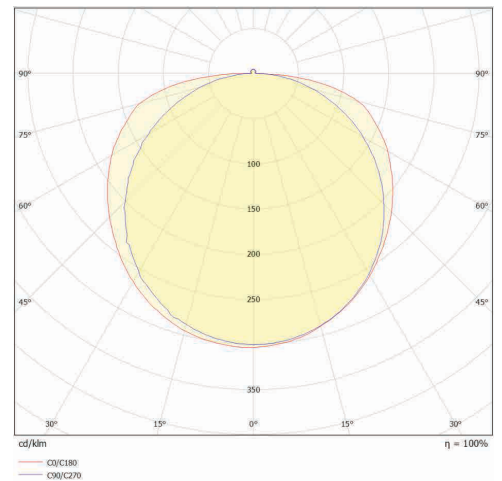
# ECO PEGASUS PANEL

Surface Led Panel Luminaire



## PRODUCT FEATURES

- LED Chip: **SAMSUNG LM283B+2835 SMD LED**
- LED Driver: **STANDART**
- Thermally Conductive: **DOW CORNING**



## TECHNICAL FEATURES

### Product Features

- |                     |                                    |
|---------------------|------------------------------------|
| » Product Frame     | : DKP Steel Sheet                  |
| » Usage Type        | : Recessed Mounted                 |
| » Diffuser          | : High Transmittance Opal Diffuser |
| » Lens              | : Hight Quality PMMA Lens          |
| » Impact Protection | : Housing IK02                     |
| » IP Rate           | : IP20                             |

### Optic & Electrical Features

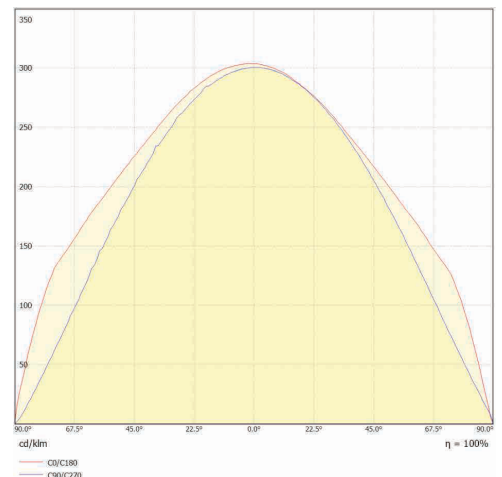
- |                                   |                 |
|-----------------------------------|-----------------|
| » Power                           | : 48W           |
| » Luminaire Output Flux           | : 4560Lm(±%5)   |
| » Efficiency                      | : 95 Lm/W       |
| » UGR                             | : <22           |
| » System Voltage                  | : 220 ~ 240 VAC |
| » Input Frequency (Hz)            | : 50 ~ 60 Hz    |
| » Power Factor                    | : ≥ 0.9         |
| » THD-(Total Harmonic Distortion) | : <%20          |
| » Max. Voltage Resistance (Surge) | : 2kV           |
| » Colour Rendering Index (CRI)    | : 80 CRI        |
| » Colour Temperature              | : 4000K         |

### Other Features

- |   |                        |
|---|------------------------|
| » Operating Temperature Range                     | : -10° ~ +50°C         |
| » Operating Temperature Range (Emergency Battery) | : -10° ~ +50°C (KIT)   |
| » Light Lifespan                                  | : L70 > 30.000 hours   |
| » Driver Lifespan                                 | : Ta=50°C 30.000 hours |

### Optional Features

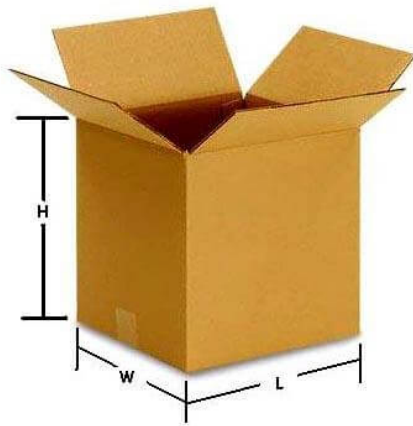
- |                      |                           |
|----------------------|---------------------------|
| » Color Temperature  | : 3000 ~ 6500K            |
| » DIM Compatibility  | : DALI, 1-10V , Triac Dim |
| » EMG Compatibility  | : 1/ 3 Hours              |
| » Prismatic Diffuser | : UGR<22                  |



### Usage Areas

- » Hotels
- » Busniess Centres
- » Hospitals
- » Offices
- » Showroom
- » Schools
- » Meeting Rooms

## ECO PEGASUS PANEL



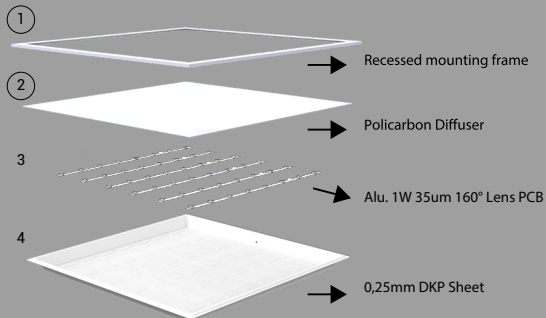
### Box Dimensions

Eco Polaris	W	L	H
	645mm	390mm	645mm

### Weight

	Box Weight
Standard Product - 1 Box	13,35 kg
Standard Product with Tridonic Driver - 1 Box	13,50 kg

\*Note: The size of package is for 8PCS.



• The product shown on the left is for the suspended ceiling (rock wool). There is no mounting apparatus in the product frame. The product should be assembled to the predetermined suitable positions for mounting on the suspended ceiling by placing the product diagonally inward and centered on the metal frames. Take care of below connection types for electrical connections.

