



## TECHNICAL MANUAL

Pneumatic time delay  
attachment PVE EKF

## **1 DESCRIPTION**

Pneumatic time delay attachment PVE enables auxiliary circuit close/open delay from 0,1 to 180 sec. Pneumatic time delay attachment has one normally open (NO) and one normally closed (NC) contact. Pneumatic time delay attachment is mechanically connected to the contactors and secured with a latch to ensure a rigid and secure interconnection. Connection options with copper and aluminum wires are supported. Do not connect copper and aluminum wires to one terminal concurrently.

Pneumatic time delay attachment PVE corresponds to IEC 60947-4-1:2018.

## **2 TECHNICAL DATA**

The main technical data are listed in Table 1.

Table 1.  
PVE technical data.

Item code	Number of contacts	Time delay range, s	Weight, kg
ctr-st-01-3-on	NO + NC	ON delay, 0,1-3 s	0,098
ctr-st-01-30-on		ON delay, 0,1-30 s	
ctr-st-10-180-on		ON delay, 10-180 s	
ctr-st-01-3-off		OFF delay, 0,1-3 s	
ctr-st-01-30-off		OFF delay, 0,1-30 s	
ctr-st-10-180-off		OFF delay, 10-180 s	
<b>Parameters</b>			<b>Values</b>
Rated AC voltage, V			690
Thermal resistance current I <sub>th</sub> , A			10
Degree of protection			IP20

### 3 OVERALL AND INSTALLATION DIMENSIONS

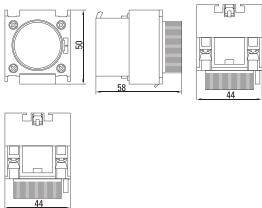


Fig. 1 Pneumatic time delay attachment PVE

### 4 DELIVERY SCOPE

Pneumatic time delay attachment: 1 pc.  
For all available documentation, scan the QR-code on the insert or on the inside of the package.

## **5 DISPOSAL**

Life-expired and failed pneumatic time delay attachments shall be disposed of in compliance with the national and local laws and regulations in force. To dispose of the product, send it to an authorized company for recycling in compliance with the national and local laws and regulations in force.

## **6 SAFETY REQUIREMENTS**

**WARNING!** Make sure the power is off before installation, connection and commissioning!

Do not use devices with visual mechanical damage.

## **7 TRANSPORTATION**

Pneumatic time delay attachments can be transported by any means of enclosed transport that ensures protection of packed products from mechanical impacts and weather exposure.

## **8 MANUFACTURER'S WARRANTY**

Warranty period: 7 years from the date of sale specified in the sales receipt.

Shelf life: 7 years from the date of manufacture specified on the product package or housing.

Service life: 10 years.

Manufacturer: for information, refer to the product package.

Importer and EKF trademark service representative: EKF ELECTRICAL SOLUTION – FZCO, Dubai Silicon Oasis, DDP, Building A2, Dubai, United Arab Emirates.

Importer and EKF trademark service representative on the territory of the Russian Federation:

OOO «Electroresheniya», Otradnaya st., 2b bld. 9, 5th floor, 127273, Moscow, Russia. Tel.: +7 (495) 788-88-15.

Importer and EKF trademark  
service representative on the territory  
of the Republic of Kazakhstan:  
TOO «Energoresheniya Kazakhstan»,  
Kazakhstan, Almaty, Bostandyk  
district, Turgut Ozal st., 247, apt 4.

## **9 CERTIFICATE OF ACCEPTANCE**

Pneumatic time delay attachment PVE  
has been approved for operation.

Date of manufacture:  
for information, refer to the product  
package.

Technical control stamp



**EAC**



v3

[ekfggroup.com](http://ekfgroup.com)

**W**  
**V**  
**K**  
**E**