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TECHNICAL DESCRIPTION -
informations for approval for use of
variant 75069 o, p
**ELECTRONIC PHASE-SENSITIVE
RECEIVER
EFCP2/75(275) Hz**
with connecting board 75069 5 270

- as a supplement of Technical description, Instructions for design, installation and maintenance T75069 – release 1. in february 2006.

No.: 75069o, p
TP SM HK 3/04
SKP 316 211 750 699 00.

Release:
for EFCP2 with connecting board
In Hradec Králové, June 2008

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2 Introduction

The connecting board is intended for easy installation of EFCP 2 in a way of exchange for original relay DSS. Short wires from original cable form in relay element stands, leading to the present socket of relay DSS, can be used. The connecting board 75069 5 270 (75069) is, in variants **o**, **p**, directly part of socket EFCP 2 – 75 (275) - 75069 5 250 (251). This modification was evoked by practical findings at the first mass deployment of this product. This board is accounted as spare part and can be ordered separately too.

The following versions are made:

EFCP2-75Hz, var. o - design of variant **i** with added connecting board 75069 5 270

EFCP2-275Hz, var. p - design of variant **k** with added connecting board 75069 5 270

4 Description of construction

When the relay EFCP 2 is used as direct replacement of DSS 12 (reconstruction existing track circuits e.g. at the time of short exclusion), it is convenient to order and use alternative variant with connecting board No. 75069 5 270. For var. 75 Hz, **the variant o should be used** instead of variant **i** and for var. 275 Hz, the variant **p should be used** instead of variant **k**. The connecting board is located in bottoms of socket and it includes distribution frame WAGO as the prolongation output - see annex 3.

6 Installation

EFCP2 – var.o, p – wires has to be connected on appropriate positions of distribution frame WAGO – see fig. in annex 3. Numbers of distribution frame clamps comply with numbering of replaced relay DSS.

In case of additional assembly connecting board in a place of installation the two bottom nuts M4 are screwed off, whereas screw with bed remains. The low nuts M4 are screwed on, the beds of Ø 4,2 are set on , then the PCB with distribution frame and then again the beds of Ø 4,2 and the whole assembly is finished with constriction of original nuts M4 (low nuts M4 – 2 pieces and the beds of Ø 4,2 – 4 pieces are part of delivery of connecting board 75069 5 270).

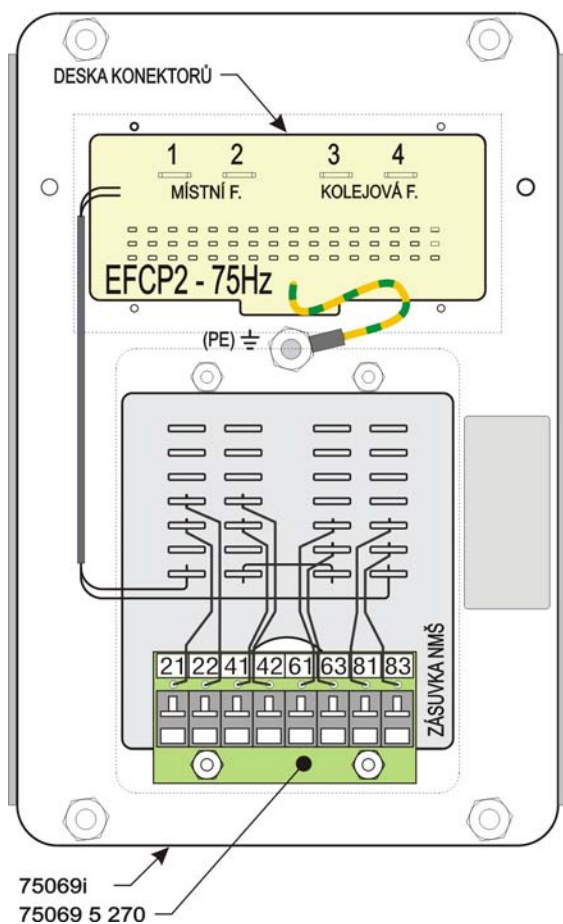
7 Maintenance

List of supplied components of EFCP2:

Product name - design	Product number	Note
Connecting board	75069 5 270	<i>In configuration with EFCP2 it creates variant 75069o, p</i>

10 Annex 3: Interconnection of alternative variant 75069o and 75069p

**ZAPOJENÍ EFCP2 75Hz - 75069o
(POHLED ZE ZADU)**



**ZAPOJENÍ EFCP2 275Hz - 75069p
(POHLED ZE ZADU)**

