

# TRACK POWER CABLE POWER SUPPLY CABINET-1000V

Napajački ormar PEK-1000V

Broj dijela: E14358

**EK RO-1R**



Track Power Cable Power Supply Cabinet- 1000V, type: EK RO- 1R is intended for monitoring and control of line voltage that is present in Railway crossing (ŽCP – Željezničko cestovni prijelaz) and in Automatic block (APB –Automatski pružni blok) systems. The line voltage is supplied from adjacent train stations, via track power cable. Depending on the voltage values displayed on analog voltmeters, manual connection or disconnection of fuse breaker switches determines the source of supply voltage for individual track facilities .

Napajački ormar PEK- 1000V, tip: EK RO-1R namijenjen je nadzoru i kontroli prisutnosti linjskog napona napajanja (3x1000V AC) u pružnim objektima (ŽCP (Željezničko cestovni prijelaz), APB (Automatski pružni blok), stajališta). Napon napajanja dolazi sa jednog od dva susjedna kolodvora, pružnim energetskim kabelima. Na temelju prikaza vrijednosti napona na analognim voltmetrima, obavlja se ručno uklapanje, odnosno isklapanje osigurača- rastavnih sklopki čime se određuje s kojeg kolodvora će se napajati pojedini pružni objekti.

**UNINTERRUPTIBLE  
POWER SUPPLY**

**ELEKTROKEM**

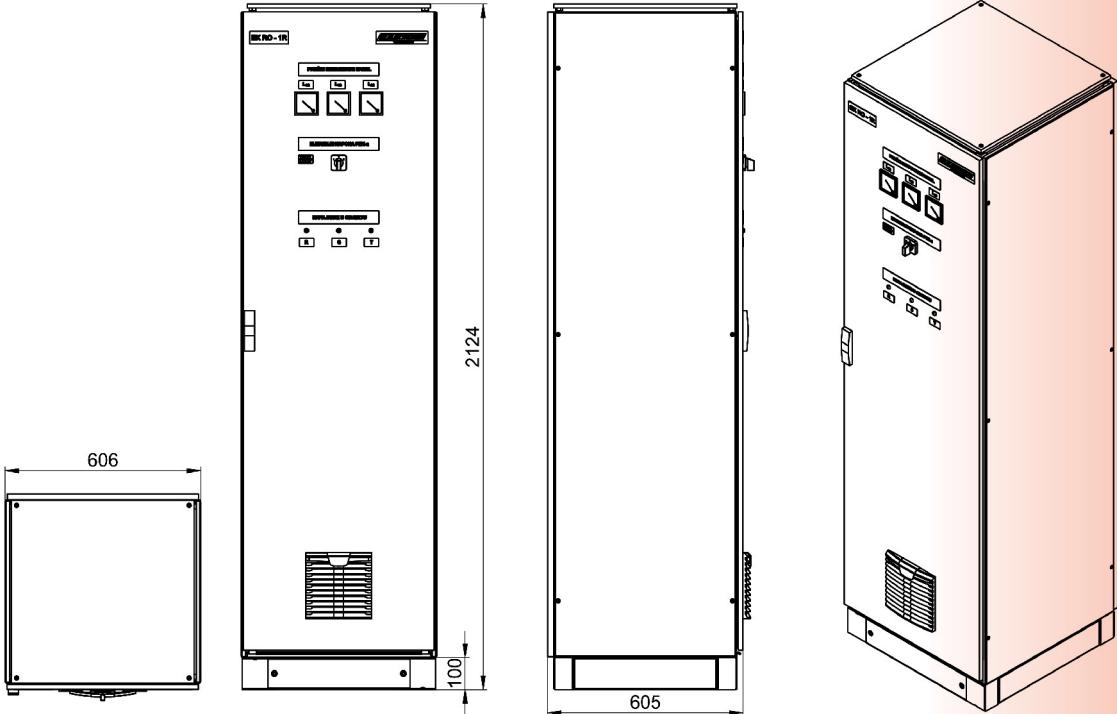
OB 98/01

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Kataloški list br. E06135



<b>Input voltage</b> / Ulazni napon:	<b>3 x 1000V AC ± 10%</b>
<b>Voltage forwarded to the nearest track facility</b> / Napon presljeđen prema najbližem pružnom objektu:	<b>3 x 1000V AC ± 10%</b>
<b>Supply voltage used for systems in a track facility</b> / Izlazni napon napajanja potrošača unutar pružnog objekta:	<b>3 x 230V AC (400V AC) ± 10% (galvanically separated from the power supply of the power cable)</b> / galvanski odvojenod napajanja pružnog energetskog kabela)
<b>Maximum power delivered to systems in a track facility</b> / Maksimalna snaga isporučena potrošačima pružnog objekta:	<b>4kVA</b>
<b>System status signalization via non-potential contacts</b> / Statusi sustava na bespotencijalnim kontaktima:	<b>All phases from voltage source A are present</b> / Prisutne sve tri faze na strani A <b>All phases from voltage source B are present</b> / Prisutne sve tri faze na strani B
<b>Track Power Cable Power Supply Cabinet - displayed diagnostic values</b> / Prikaz mjereneih el. veličina i statusa:	<b>Analog voltmeters - line voltages from sources A and B</b> / Analogni voltmetri – linjski naponi strane A i B <b>Indicator light - presence of power supplied to the systems in a track facility</b> / Tinjalice – prisustvo faznih napona za napajanje potrošača unutar objekta
<b>Selection of source A or B used for supplying power to track facility</b> / Odabir strane (pružnog energetskog kabela) s koje će objekt dobiti napajanje:	<b>Manual, via fuse breaker switches</b> / Ručno, sa osiguračima- rastavnim sklopakama
<b>Protection</b> / Zaštite:	<b>Overvoltage protection – surge arrestors</b> / Prenaponska zaštita odvodnjicima prenapona <b>Overcurrent protection - fuses</b> / Prekosstruja zaštita osiguračima
<b>P rating</b> / Stupanj zaštite kućišta:	<b>IP30</b>
<b>Ambient operating temperature</b> / Radna temperatura okoline:	<b>from -20 °C to +50 °C</b>
<b>Moisture conditions</b> / Rad u uvjetima vlage:	<b>+40 °C and 95% R.H.</b>
<b>Complies with standard</b> / Uдовљава normi:	<ul style="list-style-type: none"> <li>• IEC 61439- 1:2011</li> <li>• IEC 61439- 2:2011</li> <li>• EN 50121- 5:2017</li> <li>• EN 50125- 3:2003</li> </ul>
<b>Dimensions</b> / Dimenzije (width x height x depth):	<b>606 x 2124 x 605 mm</b>
<b>Weight</b> / Masa:	<b>180 kg</b>

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