

# SCADA Control Cabinet

Upravljački ormar SCADA - kolodvor Sv. I. Žabno

Broj dijela: E62364

**EK SCADA-SIŽ**



SCADA control cabinet, type: EK SCADA-SIŽ is intended for:

a) Collecting information or signal status from external devices:

- Control cabinet, type: Elektrokem EK URO-1 / -2
- Weather station, type: Vaisala, WXT 530
- Station Power System, type: EK BNSP 20000
- Diesel aggregate, type: E.K. ENERGIJA, ZG-Q50.ABV
- Derailer and point signal
- Optional I / O signal

b) External device management:

- Control cabinet type, type: EK URO-1 / -2
- Turning on/off derailer and point signal lighting
- Additional relay outputs

Upravljački ormar SCADA, tip: EK SCADA-SIŽ namijenjen je za:

a) Prikupljanje informacija odnosno stanja signala od vanjskih uređaja:

- Upravljačko razvodni ormar grijanja skretnica, tip: Elektrokem EK URO-1/-2
- Vremenska stanica, tip: Vaisala, WXT 530
- Sustav napajanja kolodvora, tip: Elektrokem, EK BNSP 20000
- Diesel agregat, tip: E.K. ENERGIJA, ZG-Q50.ABV
- Skretnički i iskliznički likovi
- Mogućnost dodatnih I/O signala

b) Upravljanje vanjskim uređajima:

- Upravljačko razvodni ormar grijanja skretnica, tip: EK URO-1/-2
- UKljučenje / Isključenje rasvjete skretničkih i isklizničkih likova
- Dodatni relejni izlazi

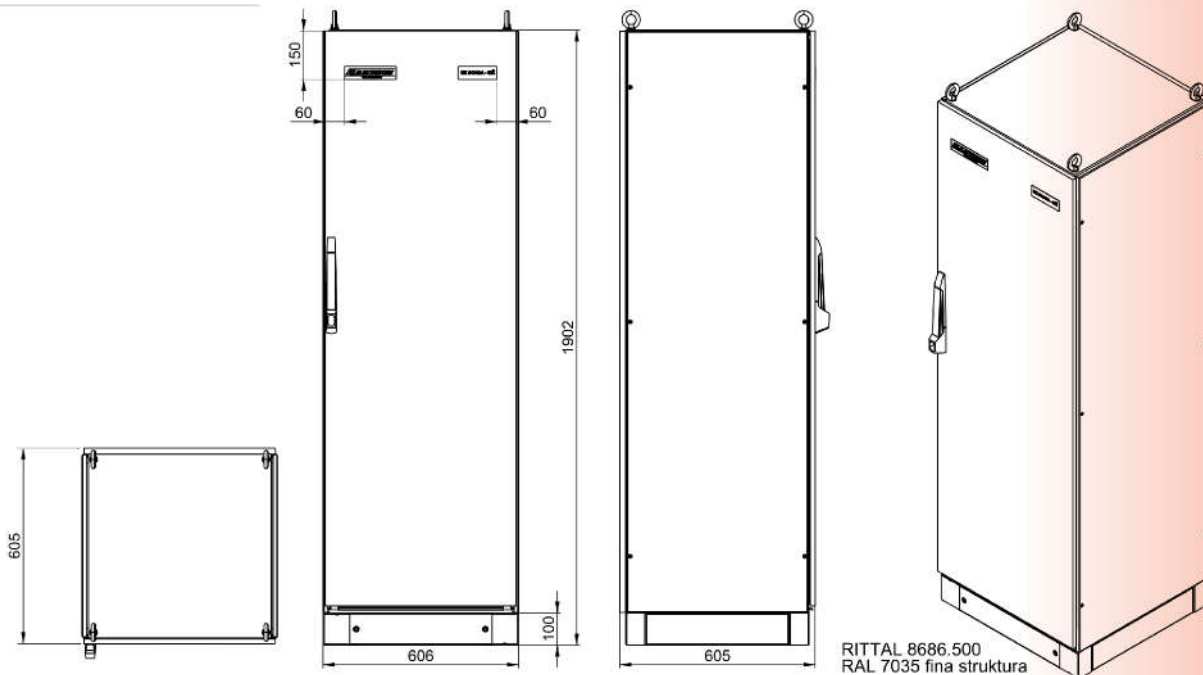
**CONTROL AND  
SIGNALLING  
TECHNOLOGY**

**ELEKTROKEM**



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<b>Rated supply voltage</b> / Nazivni ulazni napon napajanja (X1)	<b>230 VAC, 50 Hz</b>
<b>Permissible deviation of power supply</b> / Dozvoljeno odstupanje ul. napajanja (X1)	<b>207-253 VAC</b>
<b>Communication</b> / Komunikacija	<b>RS 485 and optical connection</b> / i optička veza
<b>Input Signals in Cabinet</b> / Ulazni signali u ormar (X3: 1-X3: 10)	<b>Status of derailer and point signal</b> / Status skretničkih / isklizničkih likova (ON / OFF) -10 inputs / ulaza
<b>Input Signals in Cabinet</b> / Ulazni signali u ormar (X7:1- X7:9)	<b>Signalization of Station Power System</b> / Signalizacija sustava napajanja kolodvora <b>EK BNSP 20000 - 4 inputs</b> / ulaza
<b>Input Signals in Cabinet</b> / Ulazni signali u ormar (X6:1- X6:9)	<b>General Purpose Signals - 4 Inputs</b> / Signali opće namjene - 4 ulaza
<b>Optical connection</b> / Optička veza:	<b>Status of control cabinets</b> / Status upravljačkih ormara grijanja skretnica <b>EK URO-1, EK URO-2</b>
<b>RS485 (X8: 1-X8: 2):</b>	<b>Status of diesel aggregates</b> / Status diesel agregata
<b>Output signals</b> / Izlazni signali (X4: 1-X4: 12):	<b>230 VAC; 2x10 A - 4 outputs</b> / izlaza
<b>Output signals</b> / Izlazni signali (X5: 1-X5: 12):	<b>24 VDC; 0.5 A - 4 outputs</b> / izlaza
<b>Dimensions</b> / Dimenzije:	<b>1800 x 600 x 600 mm</b> <b>width x depth x height</b> / širina x dubina x visina
<b>Temperature range</b> / Radna temperatura okoline	<b>-10°C to +40°C</b>
<b>Relative humidity</b> / Relativna vlaga:	<b>5 to 95% conditional on non-condensation</b> / uz uvjet nekondenziranja
<b>Degree of mechanical protection</b> / Stupanj mehaničke zaštite:	<b>IP 54</b>
<b>Weight</b> / Masa	<b>146 kg</b>
<b>Certified</b> / Zadovoljava norme	<b>HRN EN 61439-2: 2011, HRN EN 50124-1: 2001, HRN EN 50125-3: 2007</b>