

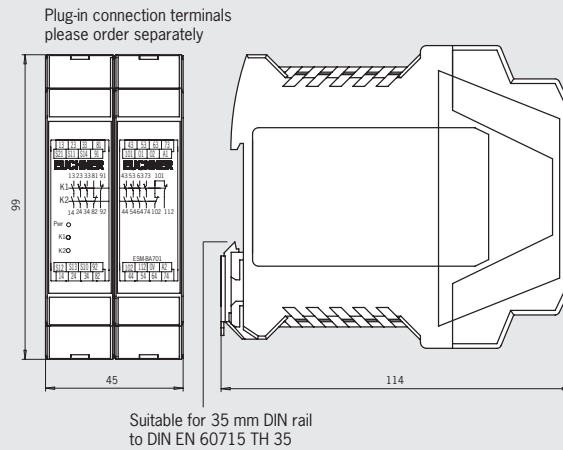


## Safety relay ESM-BA7..

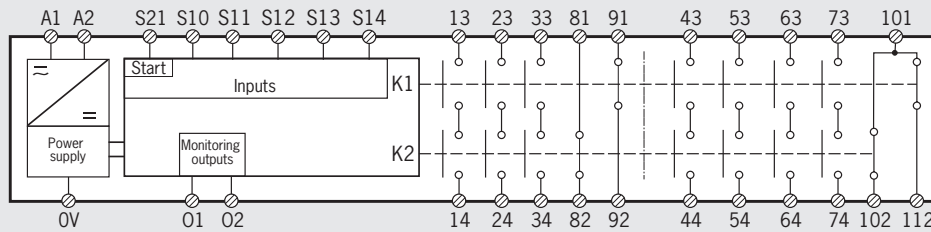


Cat. 4 STOP 0

### Dimension drawing



### Block diagram



### Technical data outputs

Parameter	Value			
Min. switching current at DC 24 V	5 mA			
Switching voltage max.	DC 50 V / AC 250 V			
Utilization category * According to EN 60947-5-1		<b>U<sub>e</sub></b>	<b>I<sub>e</sub></b>	<b>Σ I<sub>e</sub></b>
	AC-12	250 V	8 A	
	AC-15	250 V	3 A	
	DC-12	50 V	8 A	
	DC-13	24 V	3 A	35 A <sup>1)</sup>

1) With a housing distance of 10 mm. 20 A closely spaced at 40 °C

U<sub>e</sub> = switching voltage

I<sub>e</sub> = max. switching current per contact

Σ I<sub>e</sub> = max. switching current on all safety contacts (cumulative current)

\* See page 26 for information about the utilization category

### Ordering table

Series	Version	Outputs	Version	AC/DC 24 V	AC 115 V	AC 230 V
ESM	BA Safety relay	7 7 NO + 4 NC	Plug-in connection terminals <sup>1)</sup>	097225 ESM-BA701P	-	-

1) Please order plug-in connection terminals separately (see page 16). Two connection kits are required for devices from series ESM-BA701P.