

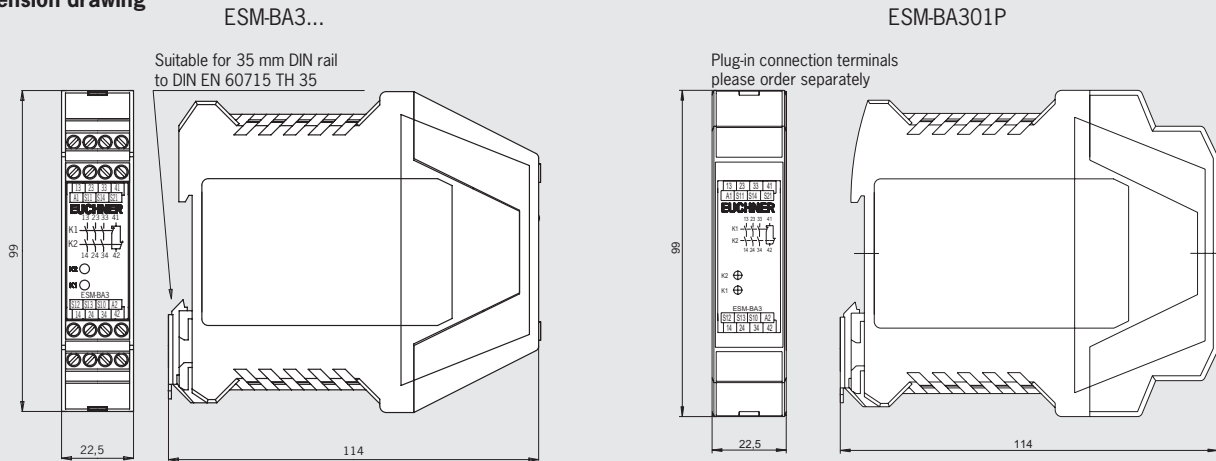


## Safety relay ESM-BA3..

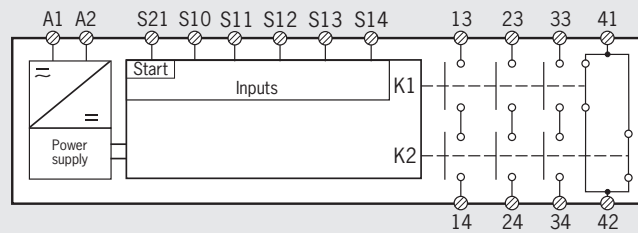


Cat. 4 STOP 0

### Dimension drawing



### Block diagram



### Technical data outputs

Parameter	Value		
Min. switching current at DC 24 V	5 mA		
Switching voltage max.	DC 24 V / AC 250 V		
Utilization category * According to EN 60947-5-1	$U_e$	$I_e$	$\Sigma I_e$
	AC-12	250 V	8 A
	AC-15	250 V	3 A
	DC-12	50 V	8 A
	DC-13	24 V	3 A
			15 A <sup>1)</sup>

1) If several ESM-BA3.. are closely spaced under load, the max. cumulative current at an ambient temperature of 20 °C = 9 A; at 30 °C = 3 A; at 40 °C = 1 A. If these currents are exceeded, a spacing of 5 mm between the devices must be observed.

$U_e$  = switching voltage

$I_e$  = max. switching current per contact

$\Sigma I_e$  = 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	3 3 NO + 1 NC	Screw terminals	085613 ESM-BA301	087412 ESM-BA302	087413 ESM-BA303
			Plug-in connection terminals <sup>1)</sup>	097230 ESM-BA301P	-	-

1) Please order plug-in connection terminals separately (see page 16)

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Safety Relays](#) category:*

*Click to view products by [Euchner](#) manufacturer:*

Other Similar products are found below :

[7-1618103-5](#) [1351-1X](#) [1618089-2](#) [C200HDA003](#) [C200HMR432](#) [C200HMR832](#) [C200HMR833](#) [20-050-36X](#) [C500OD415CN](#) [2-1618068-0](#)  
[25994](#) [9-1618103-2](#) [SP10-ETL01](#) [21-890](#) [3-1618060-0](#) [C200HNC112](#) [C200HOD214](#) [C500CN812N](#) [1100X](#) [1100-42X](#) [1-1618062-0](#) [7-](#)  
[1618103-6](#) [50.12.9.110.1000](#) [SP16DRD](#) [SP16DRA](#) [XPSAXE5120P](#) [XPSECPE5131P](#) [C500-CE243](#) [607.5111.020](#) [439390016](#) [607.5111.009](#)  
[607.5111.010](#) [PSR-MM25-1NO-2DO-24DC-SC](#) [NXSL5500](#) [600PSR-165/300-CU](#) [SR4D4110](#) [J73KN-AM-22](#) [G7SA-3A1B DC12](#) [G7SA-](#)  
[4A2B DC12](#) [G7SA-3A1B DC48](#) [G7SA-2A2B DC48](#) [ES-FA-9AA](#) [50.12.9.024.5000](#) [44510-2310](#) [V23047-A1036-A501](#) [44510-1081](#) [44510-](#)  
[2021](#) [44510-2232](#) [WUF-12-5060-T](#) [SR4M4021](#)