

# SIS sensitiv - economical relay family

We have expanded our compact relay series SIS energy-consciously. The 2-, 4-, und 6-pole relays are all available now with relay actuators in which the coil power consumption was reduced by 33%. With the holding power the energy consumption is decreased by 50% compared to standard. In addition the coil operating range got extended by 20% (at 20 ° C).

The SIS 312 series has been expanded by a contact variant, in which all contacts are securely separated to adjacent contacts and the coil.

Compact and energy-efficient design of safety circuits is made much easier by the sensitive family members of SIS series.



Series	Coil power [mW]	Saving to standard coil [%]	Coil holding power [mW]	Saving to standard coil [%]	Factor coil voltage range 20°C	Expansion coil voltage range 20°C [%]
SIS 2 SEN	200 mW	-27%	46 mW	50%	3,3 x U <sub>n</sub>	+17%
SIS 3 SEN	400 mW	-33%	180 mW	22%	2,3 x U <sub>n</sub>	+22%
SIS 4 SEN	330 mW	-34%	80 mW	46%	2,8 x U <sub>n</sub>	+22%
SIS 6 SEN	440 mW	-33%	100 mW	50%	2,4 x U <sub>n</sub>	+22%



ERMEC, S.L. BARCELONA  
C/ Francesc Teixidó, 22  
08918 Badalona  
(España)

Tel.: (+34) 902 450 160  
Fax: (+34) 902 433 088  
[info@ermec.com](mailto:info@ermec.com)  
[www.ermec.com](http://www.ermec.com)

ERMEC, S.L. MADRID  
c/Mejorada, 17, 1ªPl. Of. D4  
28850 Torrejón de Ardoz  
(España)

PORTUGAL  
[portugal@ermec.com](mailto:portugal@ermec.com)  
BILBAO  
[bilbao@ermec.com](mailto:bilbao@ermec.com)