



General ordering data

Order No.	1100860000
Part designation	RS 30 230VAC BL/SL 1U
Version	Relays, 1 CO contact, 230 V AC +5 %/ -15 % , 3 A, Screw connection
EAN	4008190029814
Qty.	10 pc(s).

Input

Rated control voltage	230 V AC +5 %/ -15 %
Pull-in (sparkover) / drop-out voltage AC coil	207V
Rated current DC	8 A
Pull-in / drop-out current, AC coil	1mA
Power rating	0.8VA

Output

Bounce times	≤3 ms
Continuous current	3 A
Inrush current	8 A
Max. switching current	8 A
Max. switching frequency at rated load	30 Hz
Max. switching voltage AC	250 V
Min. switching current	10 mA
Min. switching power	250 mW
Switch-off delay	≤9ms
Switch-on delay	≤10ms

Contact data

Number of contacts	1
Contact base material	AgNi 0.15 gold flashed
Mechanical service life	>10 ⁷ switching cycles
Electrical service life, DC coil	>5*10 ⁵ switching operations
Electrical service life of AC coil	>7*10 ⁵ switching operations

Rated data

Climate	40°C/93% rel. humidity, no condensation
Connection system	Screw connection
DIN Rail compatibility	TS 32, TS 35
Ambient temperature (operational)	-25 °C...+40 °C
Storage temperature	-40 °C...+60 °C

Insulation coordination (EN 50 178)

Clearance and creepage distances for control side 3 mm
- load side

Impulse withstand voltage	4 kV
Overvoltage category	III
Pollution severity	2
Protection class	IP 20
Rated voltage	250 V

Dimensions

Length	74 mm
Height	56 mm
Width	25 mm

Approvals

Approvals institutes

**Classifications**

ETIM 2.0	EC001437
ETIM 3.0	EC001437
eClass 4.1	40-02-06-14
eClass 5.0	27-37-16-01
eClass 5.1	27-37-16-01

Similar products

Order No.	Part designation	Version
1100760000	RS 30 115VUC BL/SL 1U	Relays, 1 CO contact, 115 V AC , 5 A, Screw connection
1129660000	RS 30 12VDC BL/SL 1U	Relays, 1 CO contact, 12 V DC ±10% , 6 A, Screw connection
1100260000	RS 30 24VDC BL/SL 1U	Relays, 1 CO contact, 24 V DC ±10% , 6 A, Screw connection
1100220000	RS 30 24VDC LD BL/SL 1U	Relays, 1 CO contact, 24 V DC ±10% , 6 A, Screw connection
1100210000	RS 30 24VDC LD BL/SL 1U	Relays, 1 CO contact, 24 V DC ±10% , 6 A, Screw connection
1181511001	RS 30 24VDC LD LP 1U	Relays, 1 CO contact, 24 V DC ±10% , 6 A, Screw connection
1181521001	RS 30 24VDC LD LP 1U	Relays, 1 CO contact, 24 V DC ±10% , 6 A, Screw connection
1100360000	RS 30 24VUC BL/SL 1U	Relays, 1 CO contact, 24 V UC ±10% , 6 A, Screw connection
1100410000	RS 30 48VDC LD BL/SL 1U	Relays, 1 CO contact, 48 V DC ±10% , 6 A, Screw connection
1100420000	RS 30 48VDC LD BL/SL 1U	Relays, 1 CO contact, 48 V DC ±10% , 6 A, Screw connection
1100560000	RS 30 48VUC BL/SL 1U	Relays, 1 CO contact, 48 V DC ±10% , 5 A, Screw connection
1100620000	RS 30 60VDC LD BL/SL 1U	Relays, 1 CO contact, 60 V DC ±10% , 5 A, Screw connection