DATASHEET - Z-SC230/3S



Impulse relay, central control, 230AC, 3NO, 16A, 50/60Hz, 2SU

Part no. Z-SC230/3S Catalog No. 265321



Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	16
Heat dissipation per pole, current-dependent	P _{vid}	W	1.5
Equipment heat dissipation, current-dependent	P _{vid}	W	4.5
Operating ambient temperature min.		°C	-20
Operating ambient temperature max.		°C	45

Technical data ETIM 7.0

Devices for distribution board-/surface mounting (EG000062) / Latching relay (EC000188)

Electric engineering, automation, process control engineering / Electrical installation, device / Modular serial built-in device for electrical circuit distributors / Latching relay for distribution board (ecl@ss10.0.1-27-14-23-06 [AFZ818015])

Munting method Width in number of modular spacings Built-in depth mm 60 Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as change-over contact Control voltage 1 Vy 230 - 230 Type of control voltage 1 Let So - 50 Control voltage 1 Let So - 50 Control voltage 2 Vy 0 - 0 Type of control voltage 2 Type of control voltage 3 Type of control voltage 4 Type of control voltage 4			
Millet in number of modular spacings 2 2 Built-in depth mm 6 Number of contacts as normally open contact 3 Number of contacts as normally closed contact 0 Number of contacts as change-over contact 0 Number of control voltage 1 V 230 - 230 Type of control voltage 1 Hz 50 - 50 Number of control voltage 2 V 0 - 0 Number of control voltage 2 Hz 0	Function		Mechanical for centralized control
Built-in depth mm 60 Number of contacts as normally open contact 3 Number of contacts as normally closed contact 0 Number of contacts as change-over contact v 230 - 230 Control voltage 1 V 20 - 20 Type of control voltage 1 Hz 50 - 50 Control voltage 2 V 0 - 0 Type of control voltage 2 Hz 0 - 0 Erequency control voltage 2 Hz 0 - 0 Rated switch current A 16 Supply voltage V 240 - 415 Voltage type of supply voltage V 240 - 415 Wax. incandescent lamp load W 1980 Max. incandescent lamp load WA 1020 Max. load fluorescent lamp (Duo circuit) VA 120 Max. load fluorescent lamp (parallel compensated) VA 120 Max. switching current (cos phi = 0.6) A 10	Mounting method		DIN rail
Number of contacts as normally olosed contact 5 3 Number of contacts as normally closed contact 6 0 Number of contacts as change-over contact 0 0 Control voltage 1 V 230 - 230 Type of control voltage 1 AC AC Control voltage 2 V 0 - 0 Type of control voltage 2 AC AC Frequency control voltage 2 Hz 0 - 0 Rated switch current A 16 Supply voltage V 240 - 415 Voltage type of supply voltage AC AC Max. incandescent lamp load W 1980 Max. load fluorescent lamp (Duo circuit) VA 1020 Max. load fluorescent lamp (parallel compensated) VA 1105 Max. switching current (cos phi = 0.6) A 10	Width in number of modular spacings		2
Number of contacts as normally closed contact 0 Number of contacts as change-over contact 0 Control voltage 1 V 230 - 230 Type of control voltage 1 AC Frequency control voltage 1 Hz 50 - 50 Control voltage 2 V 0 - 0 Type of control voltage 2 Hz 0 - 0 Frequency control voltage 2 Hz 0 - 0 Rated switch current A 16 Supply voltage V 240 - 415 Voltage type of supply voltage V 390 Max. incandescent lamp load W 1980 Max. load fluorescent lamp (Duo circuit) VA 1820 Max. load fluorescent lamp (parallel compensated) VA 1105 Max. switching current (cos phi = 0.6) A 10	Built-in depth	mm	60
Number of contacts as change-over contact 0 Control voltage 1 V 230 - 230 Type of control voltage 1 AC Frequency control voltage 1 Hz 50 - 50 Control voltage 2 V 0 - 0 Type of control voltage 2 Hz 0 - 0 Frequency control voltage 2 Hz 0 - 0 Rated switch current A 16 Supply voltage V 240 - 415 Voltage type of supply voltage AC Max. incandescent lamp load W 1980 Max. load fluorescent lamp (Duo circuit) VA 1020 Max. load fluorescent lamp (Duo circuit) VA 1820 Max. load fluorescent lamp (parallel compensated) VA 1105 Max. switching current (cos phi = 0.6) A 10	Number of contacts as normally open contact		3
Control voltage 1 V 230 - 230 Type of control voltage 1 AC Control voltage 2 V 50 - 50 Type of control voltage 2 V 0 - 0 Type of control voltage 2 AC AC Frequency control voltage 2 Hz 0 - 0 Rated switch current A 16 Supply voltage V 240 - 415 Voltage type of supply voltage AC Max. incandescent lamp load W 1980 Max. load fluorescent lamp (Duo circuit) VA 1020 Max. load fluorescent lamp (parallel compensated) VA 1105 Max. switching current (cos phi = 0.6) A 10	Number of contacts as normally closed contact		0
Type of control voltage 1 AC Frequency control voltage 2 V 0 - 0 Type of control voltage 2 AC Frequency control voltage 2 Hz 0 - 0 Rated switch current A 16 Supply voltage V 240 - 415 Voltage type of supply voltage AC Max. incandescent lamp load W 1980 Max. load fluorescent lamp (Duo circuit) VA 1020 Max. load fluorescent lamp (parallel compensated) VA 1105 Max. switching current (cos phi = 0.6) A 10	Number of contacts as change-over contact		0
Frequency control voltage 1 Control voltage 2 V 0 - 0 Type of control voltage 2 Rated switch current Supply voltage V 4 16 Supply voltage V 240 - 415 Voltage type of supply voltage W 1980 Max. incandescent lamp (Duo circuit) Max. load fluorescent lamp (Duo circuit) Max. load fluorescent lamp (parallel compensated) Max. switching current (cos phi = 0.6) Max. switching current (cos phi = 0.6)	Control voltage 1	V	230 - 230
Control voltage 2 V 0 - 0 Type of control voltage 2 AC Frequency control voltage 2 Hz 0 - 0 Rated switch current A 16 Supply voltage V 240 - 415 Voltage type of supply voltage AC Max. incandescent lamp load W 1980 Max. load fluorescent lamp VA 1020 Max. load fluorescent lamp (parallel compensated) VA 1105 Max. switching current (cos phi = 0.6) A 10	Type of control voltage 1		AC
Type of control voltage 2 AC Frequency control voltage 2 Hz 0 - 0 Rated switch current A 16 Supply voltage V 240 - 415 Voltage type of supply voltage AC Max. incandescent lamp load W 1980 Max. load fluorescent lamp (Duo circuit) VA 1020 Max. load fluorescent lamp (parallel compensated) VA 1105 Max. switching current (cos phi = 0.6) A 10	Frequency control voltage 1	Hz	50 - 50
Frequency control voltage 2 Rated switch current A 16 Supply voltage V 240 - 415 Voltage type of supply voltage AC Max. incandescent lamp load W 1980 Max. load fluorescent lamp (Duo circuit) WA 1020 Max. load fluorescent lamp (parallel compensated) Max. switching current (cos phi = 0.6) A 10	Control voltage 2	V	0 - 0
Rated switch current A 16 Supply voltage V 240 - 415 Voltage type of supply voltage AC Max. incandescent lamp load W 1980 Max. load fluorescent lamp (Duo circuit) VA 1020 Max. load fluorescent lamp (Duo circuit) VA 105 Max. switching current (cos phi = 0.6) A 10	Type of control voltage 2		AC
Supply voltage V 240 - 415 Voltage type of supply voltage AC Max. incandescent lamp load W 1980 Max. load fluorescent lamp VA 1020 Max. load fluorescent lamp (Duo circuit) VA 1820 Max. load fluorescent lamp (parallel compensated) VA 1105 Max. switching current (cos phi = 0.6) A 10	Frequency control voltage 2	Hz	0 - 0
Voltage type of supply voltage Max. incandescent lamp load Wu 1980 Max. load fluorescent lamp VA 1020 Max. load fluorescent lamp (Duo circuit) VA 1820 Max. load fluorescent lamp (parallel compensated) VA 1105 Max. switching current (cos phi = 0.6) A 10	Rated switch current	Α	16
Max. incandescent lamp load W 1980 Max. load fluorescent lamp VA 1020 Max. load fluorescent lamp (Duo circuit) VA 1820 Max. load fluorescent lamp (parallel compensated) VA 1105 Max. switching current (cos phi = 0.6) A 10	Supply voltage	V	240 - 415
Max. load fluorescent lamp (Duo circuit) Max. load fluorescent lamp (Duo circuit) VA 1820 Max. load fluorescent lamp (parallel compensated) VA 1105 Max. switching current (cos phi = 0.6) A 10	Voltage type of supply voltage		AC
Max. load fluorescent lamp (Duo circuit) VA 1820 Max. load fluorescent lamp (parallel compensated) VA 1105 Max. switching current (cos phi = 0.6) A 10	Max. incandescent lamp load	W	1980
Max. load fluorescent lamp (parallel compensated) VA 1105 Max. switching current (cos phi = 0.6) A 10	Max. load fluorescent lamp	VA	1020
Max. switching current (cos phi = 0.6)	Max. load fluorescent lamp (Duo circuit)	VA	1820
	Max. load fluorescent lamp (parallel compensated)	VA	1105
Manual operation possible Yes	Max. switching current (cos phi = 0.6)	А	10
	Manual operation possible		Yes

Dimensions

