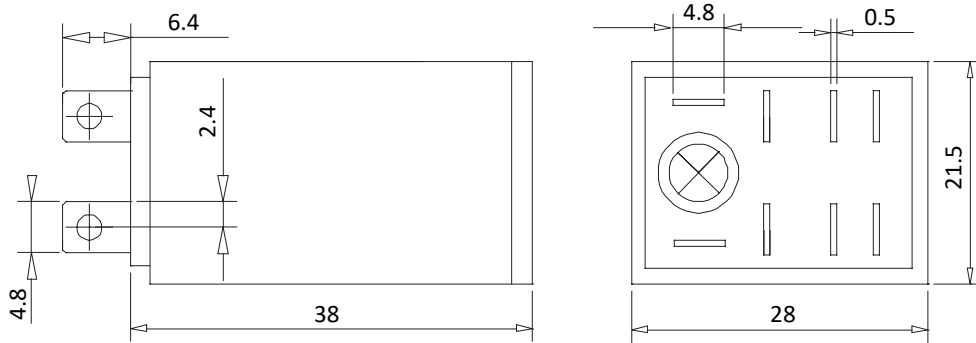


EC7-A26



MAIN CIRCUIT

EC7-A26	Moving contact: AgBiLa / Cu / AgBiLa	10 mA / 10 V	
AVAILABLE CONTACT MATERIALS	static contact: Cu / AgNi15	RECOMMENDED MINIMUM CONTACT LOAD	
MAXIMUM CONTACT LOAD AC	10 A / 250 V AC-1	MAXIMUM CONTACT LOAD DC	10 A / 30 V DC-1
RATED LOAD AC	2500 VA	RATED LOAD DC	Fig. 3.
INRUSH CURRENT	500 A, 2.5 ms	RATED CURRENT	10 A
MECHANICAL ENDURANCE (CYCLES)	≥ 10000000	ELECTRICAL ENDURANCE AT RATED LOAD AC-1 / DC-1 (CYCLES)	≥ 300 000 / ≥ 100 000

CONTROL CIRCUIT

NOMINAL VOLTAGE	See table product references	OPERATING VOLTAGE RANGE	0.8 U _N ... 1.1 U _N
PICK-UP VOLTAGE	≤ 0.8 U _N	RELEASE VOLTAGE	≥ 0.1 U _N
POWER CONSUMPTION AC	1.7 VA	POWER CONSUMPTION DC	1.0 W

INSULATION

TEST VOLTAGE OPEN CONTACT	2 kV / 1 min	TEST VOLTAGE CONTACT / CONTACT	2 kV / 1 min
OVERVOLTAGE CATEGORY	III	TEST VOLTAGE CONTACT / COIL	2 kV / 1 min
POLLUTION DEGREE	3	INSULATION RESISTANCE AT 500 V	≥ 1 GΩ

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GENERAL DATA

STORAGE TEMPERATURE (NO ICE)	-25 ... +55 °C	OPERATION TEMPERATURE	-25 ... +55 °C
PICK-UP TIME / BOUNCE TIME	20 ms / ≤ 3 ms	RELEASE TIME / BOUNCE TIME	10 ms / ≤ 1 ms
MAXIMUM SWITCHING FREQUENCY AT RATED LOAD	1200 / h	WEIGHT	33 g
HOUSING MATERIAL	PA / PC		

COIL TABLE

V AC	Ohm	mA	V DC	Ohm	mA
24	164	71	6	40	167
48	764	35.5	12	160	83
110	3679	15.5	24	650	42
220	13378	7.7	48	2600	21
230	16560	7.4	110	11000	10
			220	53300	4.5

PRODUCT REFERENCES

Description	Type	6	12	24	48	110	220	230
AC 50 Hz	EC7-A26/AC ... V			√	√	√	√	√
LED	EC7-A26X/AC ... V			√	√	√	√	√
DC	EC7-A26/DC ... V	√	√	√	√	√	√	
LED	EC7-A26X/DC ... V	√	√	√	√	√	√	
LED & FREE WHEELING DIODE	EC7-A26DX/DC ... V			√	√	√		

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Fig. 1. WIRING DIAGRAM

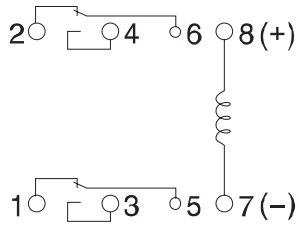


Fig. 2. AC VOLTAGE ENDURANCE

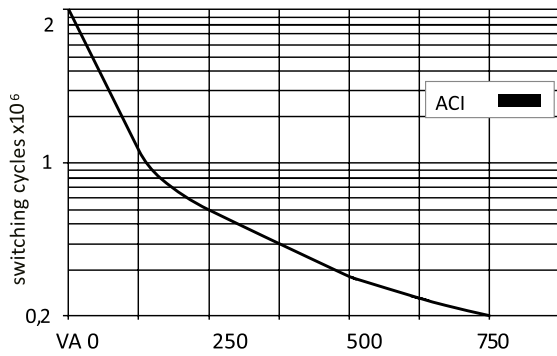
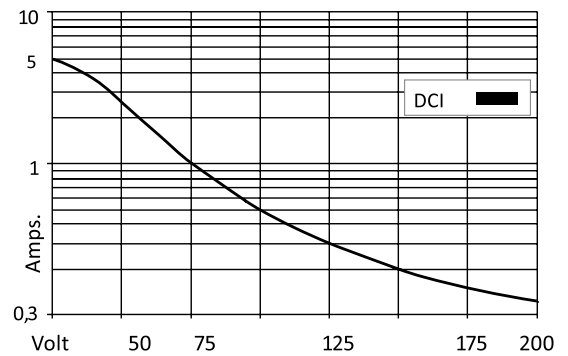


Fig. 3. DC LOAD LIMIT CURVE



ACCESSORIES

SOCKET

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APPROVALS



EC7-A26

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