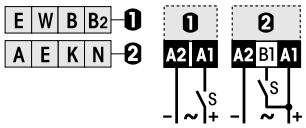
C63

11 pin plug-in time relay according to IEC 67-I-18a, 50 ms … 60 h, wide band 12 … 240 V operating voltage, 2 change over output contacts

Type: C63/UC 12-240V R
Plug-in time relay
2 change over contacts
UC 12-240 V operating voltage
7 time functions, time ranges: 50 ms … 60 h
LED for output state indication

Maximum contact load	**6 A / 250 V AC-1**
Recommended minimum contact load	**10 mA / 10 V**

Time functions and related connection diagrams (Function diagrams: refer to page 130)



Time data

7 partial time ranges, t_{max} (DIP switch)	0.6, 6, 60 s / 6, 60 min / 6, 60 h
Fine adjustment range (rotary knob)	t_{min} … t_{max}, 5 … 60
Time range tolerance	t_{min}: -5 % … +0 % / t_{max}: -0 % … +5 %
Repetition accuracy	± 1 %
Min. trigger impulse on B1	≥ 30 ms
Reset time	≤ 30 ms
Voltage failure buffering	20 ms

Contacts

Type	2 CO, micro disconnection
Material	AgNi
Rated operational current	6 A
Max. switching voltage AC-1	250 V
Max. AC load AC-1 (Fig.1)	1500 VA
Max. DC load DC-1 30 V / 250 V (Fig.2)	180 W / 60 W

Power supply- and control input (UC = AC / DC)

Nominal voltage (A1, B1)	**UC 12 … 240 V**
Operating voltage range	10.2 … 265 V
Power consumption	≤ 1.4 W
Frequency range	45 … 63 Hz
Allowed residual current into B1 AC / DC	≤ 2.3 mA / 1.2 mA
Trigger threshold voltage on B1, AC / DC	6.5 V / 7 V

Insulation

Test voltage open contact	1 kVrms 1 minute
Test voltage between poles	2 kVrms 1 minute
Test voltage between contacts and control input	2 kVrms 1 minute

General Specifications

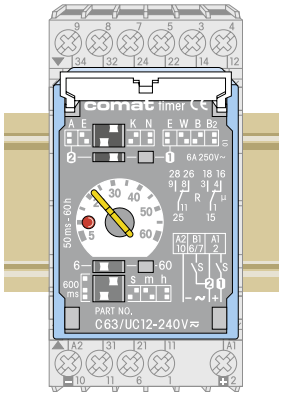
Ambient temperature storage /operation	-40 … 85 °C / -25 …60 °C
Mechanical life of contacts	≥ 30 x 10^6 operations
Ingress protection degree	IP 40 when plugged in
Housing material / Weight	Lexan / 75 g

Standard types

UC (AC/DC)	**C63/UC12-240V R**

Accessories

Socket:	**S3-xx**
Retaining clip	**HF-50**
Transparent front cover	**FA-50**
Front panel mounting set	**FZ-50L** (Frame + retaining clip + socket with soldering connections)



Connection diagram

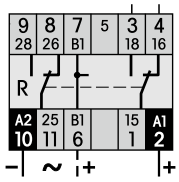


Fig.1 AC electrical endurance

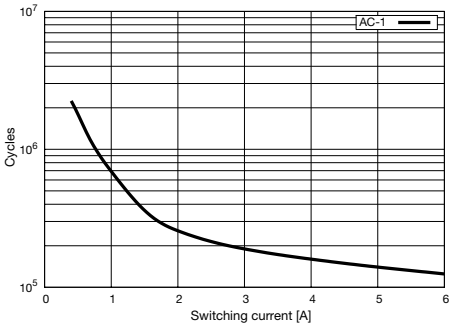
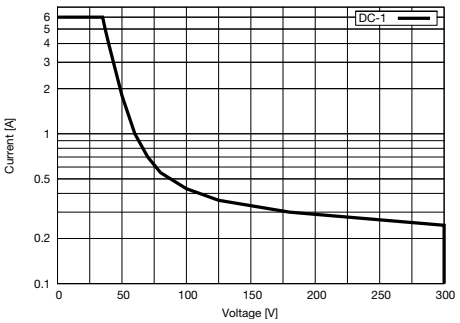
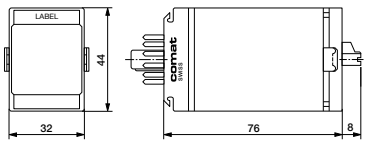


Fig. 2 DC load limit curve



Dimensions [mm]



Technical approvals, conformities

EN 60947

Time Relays 2.3

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