



64 31101A00

Current relay

for the rapid switching
of brakes without
additional auxiliary contact

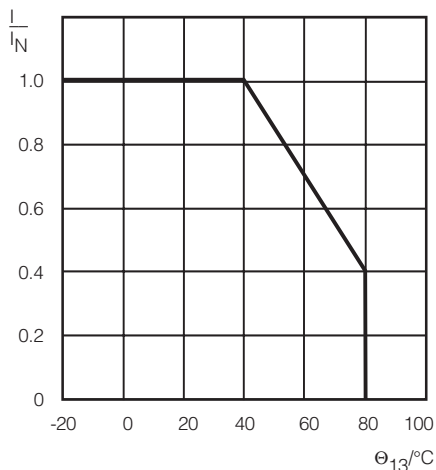
The electronic current relays 64 31101A0. serve to rapidly switching-off spring pressure brakes on three-phase A.C. motors and A.C. motors without external switching contacts. The incidence delay by the generator voltage of the freely coasting motor is prevented by the direct-current side switching off the brake by means of a current relay in a similar way as with external auxiliary contacts.

Technical data

Ambient temperatur:

0 ... 40° C for rated load

Max. current-carrying capacity at ambient temperature:



They are used with direct-current side switchable rectifiers (BINDER rectifiers 32 07333- and 34H..., and 32 07.2.A.. or brake switching devices with over-excitation 32 17.5...).

The current relay can be space-savily mounted by a PG screw fitting on the terminal box.

CE

These components are not electronical or electrical devices within the meaning of EMC guidelines 89/336/EC. They are only intended for mounting into other machines or equipment and not for use by end users.

Purchasers have to ensure that the end product conforms to the applicable codes of standard.

A manufacturer's declaration can be provided on request. The "General Technical Informations" are to be observed.

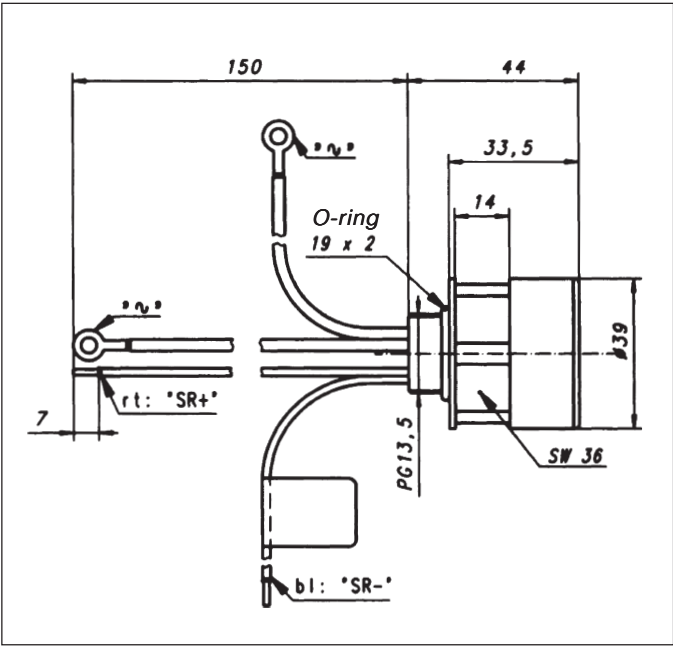
The right is reserved to modify details without prior notice.

Please note ordering data!

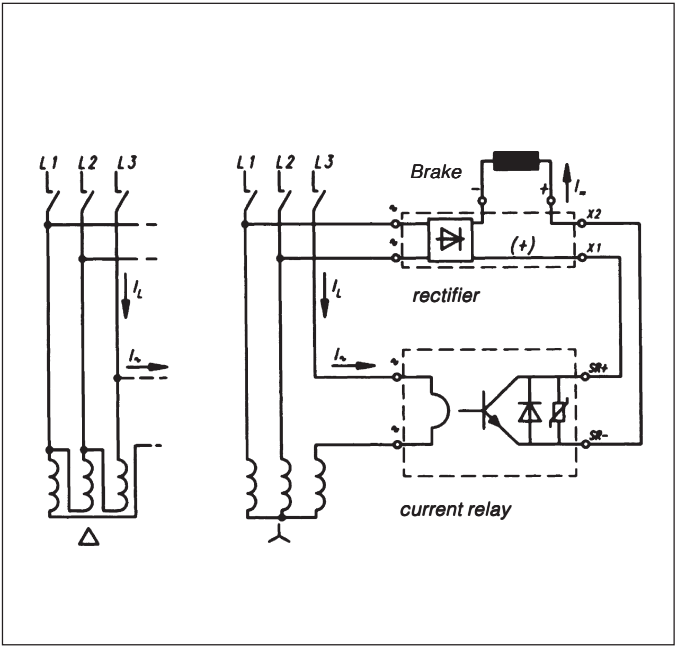
Types

Model		64 31101A00	64 31101A01
Max. input current	$I_{\sim \max.}/A$	16	50
Feed frequency	f/Hz	40 - 60	40 - 60
Min. switching current	$I_{\sim \min.}/A$	0.1	1
Max. load current	I_{\leq}/A	0.7	0.7
Connections "..."		cable socket M 4	cable socket M 6
Connections "SR +" und "SR -"		end sleeve for strands 0.75 mm ²	
Degree of protections to EN 60 529		IP 65 in mounted condition	
Mounting thread		PG 13.5	

Dimensions (mm)



Functional and Connection diagram



$I_{\sim} = I_L$
 $I_{\sim} = I_L / \sqrt{3}$

rectifier	X 1	X 2
32 07333H00	A 3	A 2
32 07334H00	A 3	A 2
32 173	A 2	A 1
32 07 . 2 . A . .	3	4

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Order example current relay
64 31101A0 ☐
0 = 0.1 to 16 A
cable socket M 4
1 = 1 to 50 A
cable socket M 6 ☐