ERD263

Override Contactor 63A, 2NO, 24VAC 50Hz

Technical properties

Architecture

Type of order	Relay
Number of poles	2 P

Configuration

Number of modules	3

Main electrical features

Rated operational voltage Ue	400 V
Frequency	50 Hz

Voltage

Rated insulation voltage	440 V
DC control voltage	0 V
Command voltage AC	24 V
Rated impulse withstand voltage	4 kV

Electric current

Rated current	63 A
Thermal rated current outside of housings	63 A
Acceptable current load with AC7 category A	63 A
Acceptable current load with AC7 category B	32 A

Dimensions

Depth of installed product	60 mm
Height of installed product	85 mm
Width of installed product	54 mm

Power

Inrush power absorbed	60 VA
Operating consumption	7 VA
Total power loss under IN	12.2 W
Power loss per contact	5 W
Power dissipation per coil	2.2 W
Contact rating with 230 V in AC7 category A	11.6 kW
Contact rating with 230 V in AC7 category B	3.3 kW
Contact rating with 400 V in AC7 category A	35 kW
Contact rating with 400 V in AC7 category B	7.8 kW

Tripping

Time of response when opening	20 ms
Time of response when closing	25 ms

Resistance

Winding resistance	6.3 Ω

Endurance

Electric endurance in number of cycles	30000
Number of mechanical operations	100000

Fluorescent bulbs control

Max. power with fluorescent parallel lamps	2100 VA
Fluorescent lamps in duo circuit	4700 VA
Max. load fluorescent lamp	3000 VA

Incandescent bulbs control

Max. power with incandescent lamps	6500 W

Installation, mounting

Tightening torque	Coil: 2,5Nm ; Power: 3,5Nm

Connection

Connection cross-sect. flexible conductor	1,5 / 16mm²
Connection cross-sect. rigid cable	1,5 / 25mm²
Number of contacts	2
Type of contacts	2NO
Type of connection	with screw
Connection cross-section of the control cable solid	1 / 2.5 mm²

Equipment

Can be accessorized	Yes

Use

Local operation/hand operation	Yes

Safety

Protection class	isol.class II
REACH conform	Yes
RoHS conform	Yes
Halogen free	No

Use conditions

Operating temperature	-10...50 °C
Storage/transport temperature	-40...80 °C