Product Datasheet
ESC240S



ESC240S

Humfree Contactor 40A, 2NO, 230V~50/60Hz

Technical Features

Connection	
Type of contacts	2NO
Electric current	
Rated current IN	40 A
Capacity	
Number of modules	3
Frequency	
Frequency	50 - 50 Hz
Voltage	
Rated impulse withstand voltage Uimp	4000 V
Rated insulation voltage Ui	440 V
Rated operational voltage Ue	400 - 400 V
Command voltage AC	230 - 230 V
Command voltage DC	0 - 0 V
Use conditions	
Operating temperature	-10 - 50 °C
Use	
Category of use	AC-7a/AC-7b
Use conditions	
Storage/transport temperature	-40 - 80 °C
Endurance	
Number of mechanical operations	100000
Texts	
Safety hint	Humfree contactors are not suitable for intensive use cases (powered 24/7) and in these cases industrial contactors must be used.
Endurance	
Electric endurance in number of cycles	30000
Power	
Power dissipation at IN	10.90 W
Inrush power absorbed	5.20 VA
Dimensions	
Height	85 mm
Width	54 mm
Depth	60 mm
Connection	
Number of contacts	2
Equipment	
Number of NO contacts	2
Number of NC contacts	0
With switch for manual switch	No
Connection	
Cross-section flexible conductor	1.5 - 16 mm^2
Cross-section rigid conductor	1.5 - 25 mm^2
Functions	
Hum-free	Yes

Architecture

Number of poles	2

Sustainability

RoHS conform	Yes