



ESD425

Contactor 25A, 4NO, 24V~50Hz

Technical characteristics

Architecture	
Number of poles	4 P
Configuration	
Number of modules	2
Main electrical features	
Rated operational voltage Ue	400 V
Frequency	50/60 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	25 A
Thermal rated current outside of housings	25 A
Acceptable current load with AC7 category A	25 A
Acceptable current load with AC7 category B	8.5 A
	0.5 /\
Dimensions	
Depth of installed product	60 mm
Height of installed product	83 mm
Width of installed product	35.75 mm
Power	
Inrush power absorbed	9.2 W
Operating consumption	1.85 W
Total power loss under IN	7 W
Power loss per contact	1.5 W
Power dissipation per coil	1 W
Contact rating with 230 V in AC7 category A	4.6 kW
Contact rating with 230 V in AC7 category B	880 W
Contact rating with 400 V in AC7 category A	13.8 kW
Contact rating with 400 V in AC7 category B	2.6 kW

Tripping

Resistance Winding resistance 29.6 Endurance Electric endurance in number of cycles 3000 Number of mechanical operations 100000 Fluorescent bulbs control Max. power with fluorescent parallel lamps 500 N Max. load fluorescent lamp 490 N Incandescent bulbs control Max. power with incandescent lamps 1100 Connection Number of contacts Connection ross-section of the control cable solid 1/10 mr Equipment Can be accessorized 70 Use Local operation/hand operation 70 Standards European directive WEEE 70 Safety Protection index IP 192 Protection class isol.class Use conditions	Time of response when opening	15 ms
Endurance Electric endurance in number of cycles 3000 Number of mechanical operations 100000 Fluorescent bulbs control Max. power with fluorescent parallel lamps 500 Nax. load fluorescent lamps in duo circuit 990 Nax. load fluorescent lamp 490 Nax. load fluorescent lamp 100 Nax. power with incandescent lamps 1100 Connection Number of contacts Connection cross-section of the control cable solid 1/10 mr Equipment Can be accessorized 70 Standards European directive WEEE not concerns Safety Protection index IP IP 2 Protection class isol.class Use conditions	Time of response when closing	25 ms
Endurance Electric endurance in number of cycles 30000 Number of mechanical operations 100000 Fluorescent bulbs control Max. power with fluorescent parallel lamps 500 N Fluorescent lamps in duo circuit 990 N Max. load fluorescent lamp 490 N Incandescent bulbs control Max. power with incandescent lamps 1100 Connection Number of contacts Connection cross-section of the control cable solid 1/10 mr Equipment Can be accessorized 70 Standards European directive WEEE not concerns Safety Protection index IP IP 2 Protection class isol.class Use conditions	Resistance	
Electric endurance in number of cycles 3000 Number of mechanical operations 100000 Fluorescent bulbs control Max. power with fluorescent parallel lamps 500 N Max. load fluorescent lamp 490 N Max. power with incandescent lamp 100 N Incandescent bulbs control Max. power with incandescent lamps 1100 Connection Number of contacts Connection cross-section of the control cable solid 1/10 mr Equipment Can be accessorized You Use Local operation/hand operation from Standards European directive WEEE not concerns Safety Protection index IP IP2 Protection class isol.class Use conditions	Winding resistance	29.6 Ω
Number of mechanical operations 100000 Fluorescent bulbs control Max. power with fluorescent parallel lamps 500 N Fluorescent lamps in duo circuit 990 N Max. load fluorescent lamp 490 N Incandescent bulbs control Max. power with incandescent lamps 1100 Connection Number of contacts Connection cross-section of the control cable solid 1/10 mr Equipment Can be accessorized You Use Local operation/hand operation from the control cable solid 1/10 mr Standards European directive WEEE not concerned safety Protection index IP IP 197 Protection class isol.class Use conditions	Endurance	
Number of mechanical operations 100000 Fluorescent bulbs control Max. power with fluorescent parallel lamps 500 N Fluorescent lamps in duo circuit 990 N Max. load fluorescent lamp 490 N Incandescent bulbs control Max. power with incandescent lamps 1100 Connection Number of contacts Connection cross-section of the control cable solid 1/10 mr Equipment Can be accessorized You Use Local operation/hand operation from the control cable solid 1/10 mr Standards European directive WEEE not concerned safety Protection index IP IP 197 Protection class isol.class Use conditions	Electric endurance in number of cycles	30000
Max. power with fluorescent parallel lamps Filuorescent lamps in duo circuit 990 \ Max. load fluorescent lamp 490 \ Incandescent bulbs control Max. power with incandescent lamps 1100 Connection Number of contacts Connection cross-section of the control cable solid 1/10 mr Equipment Can be accessorized Yes Local operation/hand operation Standards European directive WEEE not concerns Safety Protection index IP Protection class isol.class Use conditions	-	1000000
Fluorescent lamps in duo circuit 990 \ Max. load fluorescent lamp 490 \ Incandescent bulbs control Max. power with incandescent lamps 1100 Connection Number of contacts Connection cross-section of the control cable solld 1/10 mr Equipment Can be accessorized Your Standards European directive WEEE not concerned Safety Protection index IP IP2 Protection class isol.class Use conditions	Fluorescent bulbs control	
Max. load fluorescent lamp 490 V Incandescent bulbs control Max. power with incandescent lamps 1100 Connection Number of contacts Connection cross-section of the control cable solid 1/10 mr Equipment Can be accessorized Your Standards Local operation/hand operation Materials and concerned safety Protection index IP IP2 Protection class isol.class Use conditions	Max. power with fluorescent parallel lamps	500 VA
Incandescent bulbs control Max. power with incandescent lamps 1100 Connection Number of contacts Connection cross-section of the control cable solid 1/10 mr Equipment Can be accessorized Younger and the control cable solid 1/10 mr Standards European directive WEEE not concerned safety Protection index IP IP2 Protection class isol.class Use conditions	Fluorescent lamps in duo circuit	990 VA
Max. power with incandescent lamps 1100 Connection Number of contacts Connection cross-section of the control cable solid 1 / 10 mm Equipment Can be accessorized You Use Local operation/hand operation	Max. load fluorescent lamp	490 VA
Connection Number of contacts Connection cross-section of the control cable solid 1/10 mr Equipment Can be accessorized Ye Use Local operation/hand operation from the control cable solid 1/20 mr Standards European directive WEEE not concerned safety Protection index IP IP2 Protection class isol.class Use conditions	Incandescent bulbs control	
Number of contacts Connection cross-section of the control cable solid 1 / 10 mr Equipment Can be accessorized Younger at the control of t	Max. power with incandescent lamps	1100 W
Connection cross-section of the control cable solid 1/10 mr Equipment Can be accessorized You Use Local operation/hand operation	Connection	
cable solid 1 / 10 mr Equipment Can be accessorized You Use Local operation/hand operation Standards European directive WEEE not concerns Safety Protection index IP IP2 Protection class isol.class Use conditions	Number of contacts	4
Can be accessorized Use Local operation/hand operation Standards European directive WEEE not concerned Safety Protection index IP Protection class isol.class Use conditions		1 / 10 mm²
Use Local operation/hand operation Standards European directive WEEE not concerns Safety Protection index IP IP2 Protection class isol.class Use conditions	Equipment	
Local operation/hand operation Standards European directive WEEE not concerns Safety Protection index IP IP2 Protection class isol.class Use conditions	Can be accessorized	Yes
Standards European directive WEEE not concerne Safety Protection index IP IP2 Protection class isol.class Use conditions	Use	
Safety Protection index IP Protection class Use conditions	Local operation/hand operation	No
Safety Protection index IP Protection class isol.class Use conditions	Standards	
Protection index IP Protection class isol.class Use conditions	European directive WEEE	not concerned
Protection class isol.class Use conditions	Safety	
Use conditions	Protection index IP	IP2X
	Protection class	isol.class II
Operating temperature -1050	Use conditions	
	Operating temperature	-1050 °C
Storage/transport temperature -4080 of	Storage/transport temperature	-4080 °C