

PRODUCT-DETAILS

AF45-40-00RT 20-60V DC AF45-40-00RT 20-60V DC Contactor



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General	Information

Extended Product Type	AF45-40-00RT 20-60V DC
Product ID	1SBL337210R7200
EAN	3471522245427

Catalog Description

AF45-40-00RT 20-60V DC Contactor

Long Description

AF45 4-pole contactors are mainly used for controlling non-inductive or slightly inductive loads (i.e. resistance furnaces...) and generally for controlling power circuits up to 690 V AC and 440 V DC. The contactors can also be used for many other applications such lighting... The AF... contactors are fitted with an electronic coil interface which accepts a wide control voltage range, on AC 50/60 Hz or DC supplies. The same contactor can accept various supply voltages according to the different countries where the electrical equipment will be installed, or some fluctuation in the control voltage due to the local supply or network. The AF... contactors are also fully suitable for operation in AC or DC control circuit liable to voltage interruptions or voltage dip risks. Advantages: - Wide voltage range, e.g. 100 ... 250 V AC and DC - Can manage large voltage variations - Reduced power consumption - Very distinct closing and opening - Noise free - Can withstand voltage interruptions or voltage dips in the control supply (≤ 20 ms). The AF... series 4-pole contactors are of the block type design. - Main poles and auxiliary contact blocks: 4 N.O. main poles, front and sidemounted add-on auxiliary contact blocks - Control circuit: AC or DC operated - Accessories: a wide range of accessories is available.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

RoHS Status	Following EU Directive 2011/65/EU
Environmental	
Terminal Type	Screw Terminal
Rated Control Circuit Voltage (U _c)	DC Operation 20 60
Rated Operational Power AC-3 (P _e)	(415 V) 25 kV (440 V) 25 kV (500 V) 30 kV (690 V) 30 kV (380 / 400 V) 22 kV (220 / 230 / 240 V) 15 kV
Rated Operational Current AC-3 (I _e)	(415 V) 55 °C 37 / (440 V) 55 °C 37 / (500 V) 55 °C 33 / (690 V) 55 °C 21 / (380 / 400 V) 55 °C 37 / (220 / 230 / 240 V) 55 °C 4/
Rated Operational Current AC-1 (I _e)	(690 V) 40 °C 7((690 V) 60 °C 60 A (690 V) 70 °C 50
Standards	IEC/EN 60947-1, IEC/EN 60947-4-1, UL 508, CSA C22-2 N°14, IEC 60077-1 (applicable parts), IEC 60077-2 (applicable parts), EN 50155 (applicable parts), TR CU 001/2011 (on request), IEC 61373, For compliance confirmation on applicable parts based on your application and combination, please consult your ABB sales representatives
Number of Auxiliary Contacts NC	
Number of Auxiliary Contacts NO	
Number of Main Contacts NC	
Number of Main Contacts NO	
Technical	
Product Net Weight	1.42 kg
Product Net Height	110 mn
Product Net Depth / Length	119.5 mn
Product Net Width	92 mn
Dimensions	
Instructions and Manuals	FPTC407767P000
Information	
Data Sheet, Technical	1SNC001003C0202

Certificates and Declarations (Document Number)

CCC Certificate	CCC_2018010304134049
CQC Certificate	CQC2018010304134049
Declaration of Conformity - CCC	2020980304001624
Declaration of Conformity - CE	1SBD250803U1000
EAC Certificate	EAC_RU C-FR ME77 B01010
Environmental Information	1SBD250057E1001
GOST Certificate	GOST_POCCFRME77B07175
Instructions and Manuals	FPTC407767P0002
RoHS Information	1SBD250803U1000

Container Information	
Package Level 1 Units	1 piece
Package Level 1 Width	142 mm
Package Level 1 Depth / Length	190 mm
Package Level 1 Height	136 mm
Package Level 1 Gross Weight	1.42 kg
Package Level 1 EAN	3471522245427
Package Level 2 Units	box 8 piece
Package Level 2 Width	503 mm
Package Level 2 Depth / Length	153 mm
Package Level 2 Height	307 mm
Package Level 2 Gross Weight	11.36 kg

Classifications	
Object Classification Code	Q
ETIM 4	EC000066 - Magnet contactor, AC-switching
ETIM 5	EC000066 - Magnet contactor, AC-switching
ETIM 6	EC000066 - Power contactor, AC switching
ETIM 7	EC000066 - Power contactor, AC switching
UNSPSC	39121529

Categories

AF45-40-00RT 20-60V DC 4

