

RMV-260-100-100

RMV-260-100-100, Choke reactor

Code: R80664.

> In (A): 100

Description

Choke REACTORS are required to limit the transient currents produced during the connection of capacitors. CIRCUTOR's RMV units are encapsulated in epoxy resin, which guarantees the degree of insulation required.

Application

The connection of capacitor banks has very high associated transient currents and voltages. The IEC 60871-1 Standard defines the maximum value that can be supported by a capacitor bank as the peak connection value. This value is 100 times its nominal current.
When this value is exceeded, RMV choke REACTORS must be installed. These REACTORS are in charge of limiting the transient current to values that can be supported by the capacitors. The inductance value is variable, depending on the installation's conditions and, basically, on the following parameters:

- Short-circuit power of the installation
- Existence of more capacitor banks
- Interrupting power of automatic switches. The peak current value of the residual connection must also be lower than the interrupting power of the switch unit after the reactor has been installed.

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RMV-260-100-100

Choke reactor for capacitor banks

Code: R80664.

Specifications

Mechanical characteristics

Size (mm) width x height x depth	370 x 290 x 110 (mm)
Material	Encapsulated in resin, Air core.
Envelope	colour RAL 8016
Fastening	M12 / M16, depending on the type
Weight (kg)	8

Current measurement circuit

Nominal current (In)	43 In / 1 s

Standards

Standards	IEC 60289

RMV
Choke reactors for MV capacitor banks

CODE	TYPE	In (A)	L(µH)	w x h x d	weight (kg)
RMV-260					
R80628.	RMV-260-50-350	50	350	370 x 290 x 110	12
R80637.	RMV-260-60-250	60	250	370 x 290 x 110	13
R80664.	RMV-260-100-100	100	100	370 x 290 x 110	13
R80672.	RMV-260-125-50	125	50	370 x 290 x 110	14
R80691.	RMV-260-175-30	175	30	370 x 290 x 110	14
RMV-330					
R80739.	RMV-330-60-450	60	450	470 x 355 x 110	20
R80748.	RMV-330-75-350	75	350	470 x 355 x 110	21
R80757.	RMV-330-90-250	90	250	470 x 355 x 110	26
R80774.	RMV-330-125-100	125	100	470 x 355 x 110	22
R807A2.	RMV-330-200-50	200	50	470 x 355 x 110	22

Selection parameters for RMV reactances are: * Maximum operating current (1,43 In) * Required inductance in µH * Isolating voltage kV The isolating voltage is 12 kV (28/75). Other voltages on request Thermal current is 43 In / 1 s. Other values on request Other currents and µH please request Price.

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