



CHINA QUALITY CERTIFICATION CENTRE CERTIFICATE OF CONFORMITY

Certificate No.: CE220305007702

Product

Motor Protector

Applicant

ACREL Co., Ltd.

No.253 YuLv Road, JiaDing District, ShangHai
City,P.R.China

Type/Model

ARD3M、ARD2F(II)

Technical data

ARD3M,ARD2F(II)

Ui:660V;Ue:AC380V/660V;Ie:1(0.1~1.6)A,5(1.6~6.3)A,25(6.3~25)A,100(25~100)A,250(63~250)A,800(250~800)A;

Tripping Class: 10、20、30;Poles:3P;IP20; Attached Auxiliary
Contacts : ARD3M:5NO、1NC;ARD2F(II):4NO、1NONC;

Ui:250V;Uimp:4kV;Ith:6A;AC-15;Ue:AC220V/Ie:6A.

This is to certify that, on the basis of the tests undertaken as per Report No.
03601-A-22D0017-S-A;03601-A-22D0017-S-B, the submitted sample(s) of the above
item complies with:

EN IEC 60947-4-1:2019;EN60947-5-1:2017

and fulfills testing requirements of the European Directive:

2014/35/EU

This report is to verify the compliance of the sample submitted by the manufacturer only,
and does not include the manufacturing process. Users shall affix the mark in accordance
with the related legislation.

Valid from: Jun.07,2022

Valid until: Jun.06,2025

The certificate information is available through the QR code below or CNCA's website: www.cnca.gov.cn



SIGNATURE:

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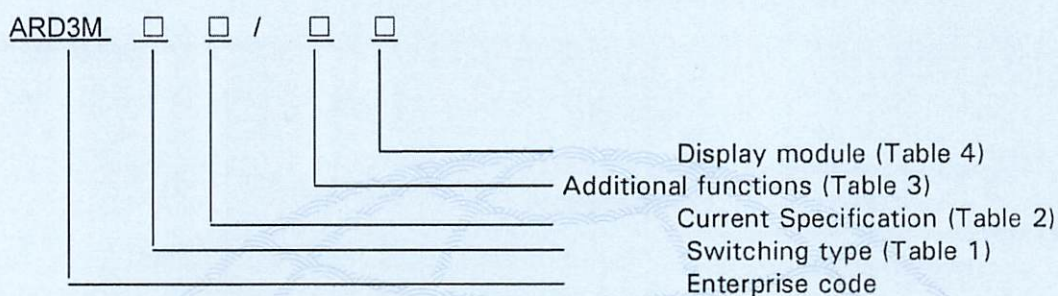
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Explanation of model/type



The standard switch quantity of ARD3M is 10DI and 6DO, and the switch quantity type is shown in Table 1:

Table 1

Main switch classification	Code
DI is the dry contact, and the external power supply of DO is AC220V	K1
DI is the wet contact, the input is DC110V, and the external power supply of DO is AC220V	K2
DI is the wet contact, the input is DC220V, and the external power supply of DO is AC220V	K3
DI is the wet contact, AC220V input, and DO external power supply is AC220V	K4



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The correspond to relation between ARD3M current specification and the rated current and power of the applicable motor is shown in Table 2:

Table 2

Protector current specification (A)	Ratio setting	Primary side coil number of transformer	Applicable scope of motor (kW)	Suitable for motor Rated current range (A)
1	Support	5 circle	0.12-999	0.1-5000
5		1circle	0.12-999	0.5-5000
25	Does not support	1circle	3-11	6.3-25
100		1circle	15-45	25-100
250		1circle	55-132	63-250
800		1circle	160-250	250-800

Additional features of ARD3M are shown in Table 3:

Table 3

Additional function		Code	Additional function	Code
2-63 harmonic voltages and currents		H	Waveform recording	WR
Additional Communication module (Optional)	1channel PROFIBUS DPV1communication	CP	Anti - electric shock function	SU
	2 channel PROFIBUS DPV1communication	2CP	Insulation monitoring	Ri
	Ethernet communication (MODBUS TCP protocol)	MCE	Electric leakage protection	L
	1channel Profinet communication	PNET	Fault record	SR
1channel 4-20mA output		M1	2 channel 4-20mA output	M2
Wireless capability (can be optional when Color dot matrix LCD is selected)		WIFI		



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See Table 4 for the ARD3M display module:

Table 4

Display module	code
Black and white dot matrix LCD, module size 98 × 60, opening 92 × 55 (unit mm)	60L1
Color dot matrix LCD, module size 98 × 60, cut-out 92 × 55 (Unit mm)	60L2



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