



Specifications and technical data are subject to change without notice.
Please contact us to confirm relevant information on ordering.

Shanghai Ebasee Electric Co., Ltd

Add: No. 18, Gutang Rd, Shanghai 201209, China

Tel: +86 21 5032 0898

Fax: +86 21 5032 0828

<http://www.ebasee.com>



APP

CONTROL ELECTRIC

Copy right reserved EBS, NO.2016003

CB

CE



RoHS



Ebasee
Smart Living Green Ebasee

Ebasee Ltd., China

Company Profile

As a leading supplier in the low voltage electrics industry, Shanghai Ebasee Electric Co., Ltd. products have been used for residential, commercial and industrial applications with its quality and service. EBASEE brand is recognized for its quality and reliability in an ever-increasing number of markets worldwide. So far EBASEE products have gained many international approvals, such as **TUV, KEMA, CB, SEMKO, RoHS, CE, and CCC** etc.

With quality raw materials and components supply, all products are manufactured to EBASEE's defined specifications. We have 4 semi-auto production lines, up to date quality control facilities, and well-trained skillful workers. Moreover, with a technical R & D team and fully equipped in-house laboratory, EBASEE factory can carry out efficient new products developing and daily production QC as well.

EBASEE have wide range cooperations with world leading companies in new products developing or OEM, ODM cooperation. Meanwhile we also process industry cooperation on intelligent home products, and work with some university such as Xi'an Jiao Tong University on project solutions. EBASEE is focused on achieving growth through the growth and success of its worldwide partners.

EBASEE, guided by the "market-oriented" philosophy, powered with the "Quick response and flexible supply" capability, can support our worldwide partners to compete against established global players to deliver the most comprehensive and cost-effective products and service in the market.

"Smart life, Green EBASEE"



Enterprise credit



EGV2 Motor Protection Circuit Breaker

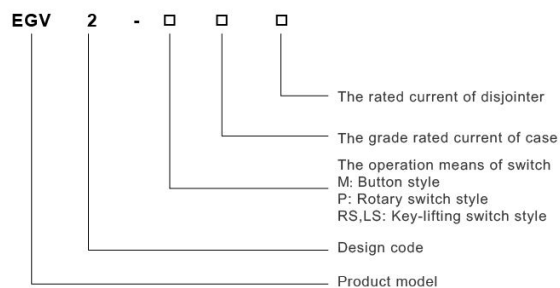
Application

EGV2 series motor protection circuit breakers are mainly used for the overload and short circuit protection of the motor in AC 50/60Hz, up to 660V, 0.1-80A, as a full-voltage starter to start and stop the motor, under the AC3 load or for the overload and short circuit protection of the equipment.



EGV2-ME

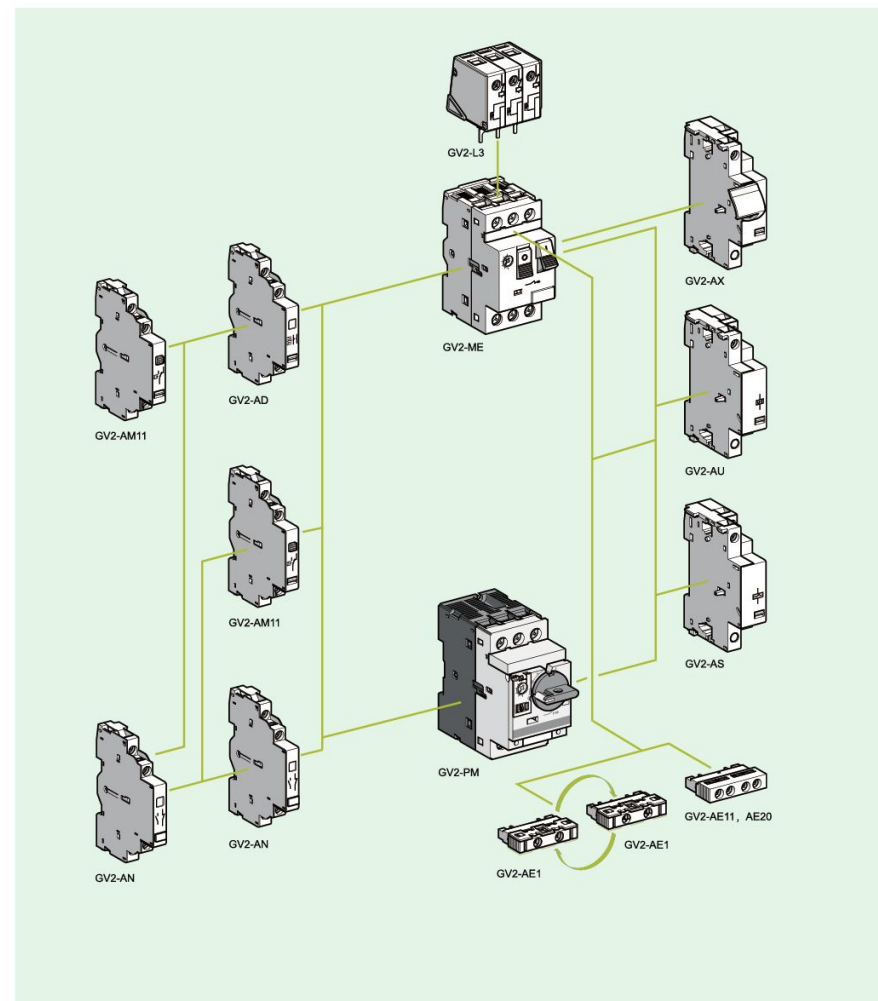
Nomenclature



Introduction

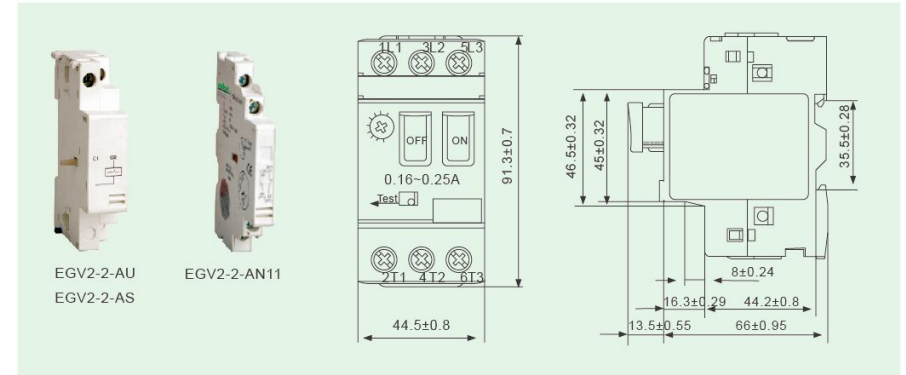
"EGV2 series motor protection circuit breaker adopts modular design, beautiful shape, small volume, open phase protection, with thermal relay built-in, functional and generally."

EGV2-M/ME conforms to IEC60947.2, IEC60947-4.1 and EN60947.1 standard. Switch and contactor can be composed of motor starter. Enclosure of EGV2 series with IP65 protection level. This series has three models: (EGV2M, ME) controlled by button motor with thermal magnetic circuit breaker; (EGV2-RS) controlled by switch motor with thermal magnetic circuit breaker; (EGV2-LS) controlled by changeover switch motor with thermal magnetic circuit breaker (without thermal delay protection).



Specifications

Type	Standard power ratings of 3-phase motors 50/60Hz in category AC-3						Rated current InA	Setting range A	The disjuncting current commuting value in instant field InA
	230/240V kW	400V kW	415V kW	440V kW	500V kW	690V kW			
EGV2-M01	—	—	—	—	—	—	0.16	0.1-0.16	1.5
EGV2-M02	—	—	—	—	—	—	0.25	0.16-0.25	2.4
EGV2-M03	—	—	—	—	—	—	0.4	0.25-0.40	5
EGV2-M04	—	—	—	—	—	0.37	0.63	0.40-0.63	8
EGV2-M05	—	—	—	0.37	0.37	0.55	1	0.63-1	13
EGV2-M06	—	0.37	—	0.55	0.75	1.1	1.6	1-1.6	22.5
EGV2-M07	0.37	0.75	0.75	1.1	1.1	1.5	2.5	1.6-2.5	33.5
EGV2-M08	0.75	1.5	1.5	1.5	2.2	3	4	2.5-4	51
EGV2-M10	1.1	2.2	2.2	3	3.7	4	6.3	4-6.3	78
EGV2-M14	2.2	4	4	4	5.5	7.5	10	6-10	138
EGV2-M16	3	5.5	5.5	7.5	7.5	9	14	9-14	170
EGV2-M18	4	7.5	7.5	7.5	10	11	16	10-16	223
EGV2-M20	4	7.5	9	9	9	11	18	13-18	223
EGV2-M21	5.5	11	11	11	11	15	23	17-23	327
EGV2-M22	5.5	11	11	11	15	18.5	25	20-25	327
EGV2-M32	7.5	15	15	15	18.5	23	32	24-32	416
EGV2-RS01	—	—	—	—	—	—	0.16	0.1-0.16	1.5
EGV2-RS02	—	—	—	—	—	—	0.25	0.16-0.25	2.4
EGV2-RS03	—	—	—	—	—	—	0.4	0.25-0.40	5
EGV2-RS04	—	—	—	—	—	0.37	0.63	0.40-0.63	8
EGV2-RS05	—	—	—	0.37	0.37	0.55	1	0.63-1	13
EGV2-RS06	—	0.37	—	0.55	0.75	1.1	1.6	1-1.6	22.5
EGV2-RS07	0.37	0.75	0.75	1.1	1.1	1.5	2.5	1.6-2.5	33.5
EGV2-RS08	0.75	1.5	1.5	1.5	2.2	3	4	2.5-4	51
EGV2-RS10	1.1	2.2	2.2	3	3.7	4	6.3	4-6.3	78
EGV2-RS14	2.2	4	4	4	5.5	7.5	10	6-10	138
EGV2-RS16	3	5.5	5.5	7.5	7.5	9	14	9-14	170
EGV2-RS18	4	7.5	9	9	9	11	16	10-16	223
EGV2-RS20	4	7.5	9	9	9	11	18	13-18	223
EGV2-RS21	5.5	11	11	11	11	15	23	17-23	327
EGV2-RS22	5.5	11	11	11	15	18.5	25	20-25	327
EGV2-RS32	7.5	15	15	15	18.5	23	32	24-32	416
EGV2-LS03	—	—	—	—	—	—	0.4		5
EGV2-LS04	—	—	—	—	—	0.37	0.63		8
EGV2-LS05	—	—	—	0.37	0.37	0.55	1		13
EGV2-LS06	—	0.37	—	0.55	0.75	1.1	1.6		22.5
EGV2-LS07	0.37	0.75	0.75	1.1	1.1	1.5	2.5		33.5
EGV2-LS08	0.75	1.5	1.5	1.5	2.2	3	4		51
EGV2-LS10	1.1	2.2	2.2	3	3.7	4	6.3		78
EGV2-LS14	2.2	4	4	4	5.5	7.5	10		138
EGV2-LS16	3	5.5	5.5	7.5	7.5	9	14		170
EGV2-LS18	4	7.5	9	9	9	11	16		223
EGV2-LS20	4	7.5	9	9	9	11	18		223
EGV2-LS21	5.5	11	11	11	11	15	23		327
EGV2-LS22	5.5	11	11	11	15	18.5	25		327



Additional Contact

Auxiliary Name	Code	Contact Type
Instantaneous auxiliary contacts	AE1	1NO/1NC
	AE11	1NO+1NC
	AE20	2NO
	AN11	1NO+1NC
	AN20	2NO

Electric Tripping

Auxiliary Name	Code	Voltage (V)
Under voltage release	AU115	110-127V 50Hz
	AU225	220-240V 50Hz
	AU385	385-415V 50Hz

Motor Protection Circuit Breaker Enclosure



Introduction

EGV2-MCO2 water-proof box is the assorted outer case of EGV2 motor protection circuit breaker; EGV2 is mounted in the din-rail set in EGV2-MCO2 water-proof box, sealed by the cover and bottom, to protect the electric part. Also can add other accessories such as pushbutton switch (EGV2-KO31) and so on, which is to meet the need of electric control.

Enclosure protection level IP65.