ANNEX-I

Scope of Licence

Name of the product:		Low-Voltage Switchgear and Controlgear Part 5 Control Circuit Devices and Switching Elements Section 1 Electromechanical Control Circuit Devices
Models		GVAE1, GVAE11, GVAE20, GVAED101, GVAED011, GVAE113, GVAE203, GVAED1013, GVAED0113, GVAE11A, GVAE20A, GVAN11, GVAN20, GVAN113, GVAN203, GVAD1010, GVAD1001, GVAD0110, GVAD0101, GVAM11, GZ1AN11, GZ1AN20
Type of control circuit device or switching element (Cl. 4.2)	Kind of control circuit device (Cl. 4.2.1)	NA
	Kind of switching elements (Cl. 4.2.2)	- auxiliary contacts of a switching device ((e.g. contactor, circuit breaker, etc.) which are not dedicated exclusively for use with the coil of that device
Number of poles: (Cl. 4.2.3)		

Model Nos.	Poles	Terminal Type	Mounting type
GVAE1	1P (1NC)	Screw	Front
GVAE11	2P (1NO+1NC)	Screw	Front
GVAE20	2P (2NO)	Screw	Front
GVAED101	2P(1NO+1NO)	Screw	Front
GVAED011	2P(1NO+1NC)	Screw	Front
GVAE113	2P (1NO+1NC)	Spring	Front
GVAE203	2P (2NO)	Spring	Front
GVAED1013	2P(1NO+1NO)	Spring	Front
GVAED0113	2P(1NO+1NC)	Spring	Front
GVAE11A	2P (1NO+1NC)	Snap on	Front
GVAE20A	2P (2NO)	Snap on	Front
GVAN11	2P (1NO+1NC)	Screw	Side
GVAN20	2P (2NO)	Screw	Side
GVAN113	2P (1NO+1NC)	Spring	Side
GVAN203	2P (2NO)	Spring	Side
GVAD1010	2P(1NO+1NO)	Screw	Side
GVAD1001	2P(1NO+1NC)	Screw	Side
GVAD0110	2P(1NC+1NO)	Screw	Side
GVAD0101	2P(1NC+1NC)	Screw	Side
GVAM11	2P(1NO+1NC)	Screw	Side
GZ1AN11	2P(1NO+1NC)	Screw	Side
GZ1AN20	2P(2NO)	Screw	Side

Kind of current (Cl. 4.2.4)	ac
Interrupting medium (Cl. 4.2.5)	air

Operating conditions (Cl. 4.2.6)	Method of operation (Cl. 4.2.6.1)	manual
	Method of control (Cl. 4.2.6.2)	automatic

Rated voltages (Cl. 4.3.2)

Model Nos.	Rated operational voltage (U_e)	Rated insulation voltage (U_i)	Rated impulse withstand voltage (U_{imp})
GVAE1	240V	250V	4kV
GVAE11	240V	250V	4kV
GVAE20	240V	250V	4kV
GVAED101	240V	250V	4kV
GVAED011	240V	250V	4kV
GVAE113	240V	250V	4kV
GVAE203	240V	250V	4kV
GVAED1013	240V	250V	4kV
GVAED0113	240V	250V	4kV
GVAE11A	240V	250V	4kV
GVAE20A	240V	250V	4kV
GVAN11	690V	690V	6kV
GVAN20	690V	690V	6kV
GVAN113	690V	690V	6kV
GVAN203	690V	690V	6kV
GVAD1010	240V and 690V	690V	4kV and 6kV
GVAD1001	240V and 690V	690V	4kV and 6kV
GVAD0110	240V and 690V	690V	4kV and 6kV
GVAD0101	240V and 690V	690V	4kV and 6kV
GVAM11	240V	250V	4kV
GZ1AN11	690V	690V	6kV
GZ1AN20	690V	690V	6kV

Rated Current (Cl. 4.3.3)

Model Nos.	Rated operational currents (I_e)	Conventional free air thermal current (I_{th})	Conventional enclosed thermal current (I_{the})
GVAE1	0.5A	2.5A	NA
GVAE11	0.5A	2.5A	NA
GVAE20	0.5A	2.5A	NA
GVAED101	0.5A	2.5A	NA
GVAED011	0.5A	2.5A	NA
GVAE113	0.5A	2.5A	NA
GVAE203	0.5A	2.5A	NA
GVAED1013	0.5A	2.5A	NA
GVAED0113	0.5A	2.5A	NA

	GVAE11A	0.5A	2.5A	NA
	GVAE20A	0.5A	2.5A	NA
	GVAN11	0.6A	6A	NA
	GVAN20	0.6A	6A	NA
	GVAN113	0.6A	6A	NA
	GVAN203	0.6A	6A	NA
	GVAD1010	0.3A and 0.6A	2.5A and 6A	NA
	GVAD1001	0.3A and 0.6A	2.5A and 6A	NA
	GVAD0110	0.3A and 0.6A	2.5A and 6A	NA
	GVAD0101	0.3A and 0.6A	2.5A and 6A	NA
	GVAM11	0.3A	2.5A	NA
	GZ1AN11	0.6A	6A	NA
	GZ1AN20	0.6A	6A	NA
Rated Frequency (Cl. 4.3.4)	50/60 Hz			
Utilization Categories (Cl. 4.4 & Table 1)				

Model Nos.	**Utilization category**
GVAE1	AC-15
GVAE11	AC-15
GVAE20	AC-15
GVAED101	AC-14
GVAED011	AC-14
GVAE113	AC-15
GVAE203	AC-15
GVAED1013	AC-14
GVAED0113	AC-14
GVAE11A	AC-15
GVAE20A	AC-15
GVAN11	AC-15
GVAN20	AC-15
GVAN113	AC-15
GVAN203	AC-15
GVAD1010	AC-14 and AC-15
GVAD1001	AC-14 and AC-15
GVAD0110	AC-14 and AC-15
GVAD0101	AC-14 and AC-15
GVAM11	AC-14
GZ1AN11	AC-15
GZ1AN20	AC-15

Electrically separated contact elements (Cl. 4.10)	Electrically separated
Pollution degree (Cl. 6.1.3.2)	3
Degree of Protection	IP20 on front facia

Class of Control Circuit device	Not applicable
Additional Features *	
Electromagnetic Compatibility (EMC) (Cl. 8.4)	Not tested. Not applicable as there are no electronic circuits as per IS 60947-1, cl. 8.3.1
Control devices with integrally connected cables (Annex – G)	Not applicable as this is not a control device and there are no integrally connected cables
Control circuit devices with semiconductor switching elements (Annex – H)	Not applicable as this is not a control device and there are no semiconductor switching elements
Control Circuits with indicator lights and indicating towers (Annex – J)	Not applicable as this is not a control device and there are no indicator lights and indicating towers
Control Circuits with Direct Opening Action (Annex – K)	Not applicable as this is not a control device and there are no Direct Opening Action

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