

GC Series – Contactors

Telemecanique



- Designed for commercial, domestic and industrial buildings for lighting, heating and light-duty motors applications
- Comforms to IEC1095 'Electromagnetic contactors for domestic and similar use'
- Symmetric 35mm DIN rail mounting
- Standard window height 45mm
- Silent operation
- Improved electrical and mechanical durability

- Improved environmental withstand tests, e.g. flammability and humidity capability

This is an updated and extended range of modular contactors to IEC1095. They are designed with finger protected and captive screw terminals. One auxiliary contact block in a range of configurations can be clipped onto the right-hand side of the contactor. A coil suppressor should be fitted where appropriate. For motor applications a suitable overload needs to be used.

Type	Max Current AC-1 A	No. of Poles	Module Width	Control Voltage 50Hz V	Coil Pull In VA	Coil Holding VA	Max Operational Voltage 50Hz	Order Code
Contactors	16	2 N/O	1	220/240	15	3.8	250V	716-0975
Contactors	25	2 N/O	1	220/240	15	3.8	250V	716-0987
Contactors	25	4 N/O	2	220/240	34	4.6	415V	716-0999
Contactors	40	4 N/O	3	220/240	53	6.5	415V	716-1001
Contactors	63	4 N/O	3	220/240	53	6.5	415V	716-1049
Auxiliary Contact	5	1 N/O + 1 N/C	½					716-1050
Auxiliary Contact	5	2 N/O	½					716-1062

CTL210

	Mfrs. List No.	Order Code	1+	5+	10+	25+	50+
Contactors	GC1620M5	716-0975					
Contactors	GC2520M5	716-0987					
Contactors	GC2540M5	716-0999					
Contactors	GC4040M5	716-1001					
Contactors	GC6340M5	716-1049					
Aux. contact	GAC0521	716-1050					
Aux. contact	GAC0531	716-1062					

Impulse Relays - GF1 Series

Telemecanique



- Designed for lighting circuits, particularly where more than one switching point exists
- Output 250V ac, current rating 16A
- Operated by coil voltage 230/240V pulse ON and pulse OFF
- Minimum pulse time 70msec
- All conform to 17.5mm module width multiple standard for use in distribution boards
- Materials included meet the very stringent fire/smoke requirements for railway equipment standards
- Symmetric 35mm DIN rail mounting
- Finger-protected captive screw terminals
- Mechanical flag indicates operating status

- Manual override facility

Contact Arrangement	Coil Voltage	Mfrs. List No.	Order Code
1 N/O	230/240V	GF1610U7	716-1396
1 N/O + 1 N/C	230/240V	GF1611U7	716-1402
2 N/O	230/240V	GF1620U7	716-1414

CTL209

Contact Arrangement	Coil Voltage	Order Code	1+	5+	10+	25+	50+
1 N/O	230/240V	716-1396					
1 N/O + 1 N/C	230/240V	716-1402					
2 N/O	230/240V	716-1414					

3 Pole 12A Mini-Contactors

Telemecanique



- Unique 12A 5.5kW AC3 Mini-Contactors with long electrical life
- AC or DC operation
- Reversing Contactors with prewired power circuit & mechanical interlock
- DIN rail or screw fixing



20A lth
12A AC3
Electrical life: 1.2 million operations
IEC 947-4-1
CSA approval
UL 508

3 pole 12A Mini-Contactors W = 45 H = 58 D = 57
3 pole 12A Reversing Mini-Contactors W = 90 H = 58 D = 57
10-14A Overload Relay

Description	Mfrs List No.	Order Code
Thermal Overload Relay 10-14A	LR2K0321	318-8668
Rev Contactor 12A 5.5kW	LC2K1201U7	318-8670
Rev Contactor 12A 5.5kW	LC2K1201N7	318-8681
Rev Contactor 12A 5.5kW	LC2K1201F7	318-8693
Contactor 12A 3P 1N.O aux	LP1K1210BD	318-8700
Rev Contactor 12A 5.5kW	LP2K1210BD	318-8711
Contactor 12A 3P 1N.O aux	LC1K1210U7	318-8723
Contactor 12A 3P 1N.O aux	LC1K1210F7	318-8735
Contactor 12A 3P 1N.O aux	LC1K1210N7	318-8747
Contactor 12A 3P 1N.C aux	LC1K1201U7	318-8759
Contactor 12A 3P 1N.C aux	LC1K1201F7	318-8760
Contactor 12A 3P 1N.C aux	LC1K1201N7	318-8772

CTL335

Mfrs List No.	Order Code	Price Each		
		1+	5+	10+
LR2K0321	318-8668			
LC2K1201U7	318-8670			
LC2K1201N7	318-8681			
LC2K1201F7	318-8693			
LP1K1210BD	318-8700			
LP2K1210BD	318-8711			
LC1K1210U7	318-8723			
LC1K1210F7	318-8735			
LC1K1210N7	318-8747			
LC1K1201U7	318-8759			
LC1K1201F7	318-8760			
LC1K1201N7	318-8772			

Contactors 'DIL E'



Contactor/Control Relays (when panel mounted) H = 58, W = 45, D = 52
Overload Relays H = 50, W = 45, D = 50
Auxiliary Contact Block H = 32, W = 45, D = 31
Mechanical Interlock H = 32, W = 90, D = 12

- Complete with 3 main contacts and 1NO auxiliary
- Suitable for DIN rail mounting or screw fixing
- Terminals have finger protection to IP20
- Approvals: CSA, UL, ASE, SEV, NEMKO, DEMKO
- Ambient temperature operating range of -25° to +50°C
- Applications:- control circuit switching, motors, lighting and heating/ventilation

Main contact rating (AC3)	'DIL EE' 3kW, 'DIL E' 4kW.
Mechanical operation	10 million cycles
Ambient temperature	-25°C to +50°C
Protection	IP20
Rated insulation voltage	690 Vac.
Thermal current Ith	20A

CTL145

Coil Voltage VAC 50Hz	Mfrs. List No.	Order Code	Price Each			
			1+	5+	10+	15+
6.6A, 3kW (AC3)						
24	DILEEM1024V	585-932				
110	DILEEM10110V	585-944				
240	DILEEM10240V	585-956				
8.5A, 4kW (AC3)						
24	DILEM1024V	.239-460				
110	DILEM10110V	.239-471				
240	DILEM10240V	.239-483				

Thermal Overload Relays 'DIL E'



- Three pole thermal overload relays for mounting directly to "DILE (E)" contactors
- Thermal protection
- Complete with "Single Phasing Sensitivity"
- Temperature compensated from -25°C to +50°C
- 1NO and 1NC electrically separate auxiliary contacts
- Hand or Auto setting
- Test/de-energising button
- "Finger proof" terminals, IP20 conforming to VDE0106

CTL151

Motor flc(A)	Mfrs. List No.	Order Code	1+	5+	10+	15+
0.16 to 0.24	ZE0.24	585-993				
0.24 to 0.4	ZE0.4	586-006				
0.4 to 0.6	ZE0.6	.239-495				
0.6 to 1.0	ZE1.0	.239-501				
1.0 to 1.6	ZE1.6	.239-513				
1.6 to 2.4	ZE2.4	.239-525				
2.4 to 4	ZE4	.239-537				
4 to 6	ZE6	.239-549				
6 to 9	ZE9	.239-550				