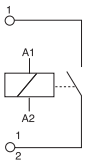
Installation relays

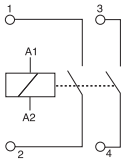
ELECTRICAL CHARACTERISTICS		
Contactor type:		**RLM**
Standard:		EN 61095, EN 60947-4-1, EN60947-5-1
Rated current AC-1/AC-7a (In):	**(A)**	16
Rated operational voltage (Ue):	**(V)**	230 ac (1NO) 400 ac (1NO+NC - 1CO - 2CO - 4NO)
Rated insulation voltage (Ui):	**(V)**	440 ac
Rated impulse withstand voltage (Uimp):	**(kV)**	4
Rated conditional short-circuit current with fuse:	**(kA)**	3 (gL 20)
Rated frequency:	**(Hz)**	50/60
No. of modules:		1 (1NO - 2NO - 1NO+1NC - 1CO) 2 (4NO - 2CO)
Power loss per pole (AC-1 / AC-7a):	**(W)**	1.2
Mechanical endurance (no. of operations):		3×10^6
Operating temperature:	**(°C)**	-15...+55 (1NO - 1CO - 2CO - 1NO+NC) -25...+55 (2NO - 4NO)
Storage temperature:	**(°C)**	-30...+80
Max number of contactors (side-by-side):		3 (≤ 40 °C) 2 (40 - 55 °C)
Rated tightening torque:	**(Nm)**	1.2
Terminal screw type:		M3.5
Screwdriver suggested:		PZ1
Cable section:	**rigid (mm^2)**	1...10
	flexible (mm^2)	1...6
Weight	**(g)**	130 (1NO - 2NO - 1NO+1NC - 1CO) 240 (4NO - 2CO)
CONTROL COIL CHARACTERISTICS		
Control coil voltage (Uc):	**(V)**	8 - 230 ac 12 - 24 dc
Min operating coil voltage:	**(V)**	85% Uc
Max operating coil voltage:	**(V)**	110% Uc
Frequency:	**(Hz)**	50/60
Switch-on coil consumption:	**(VA / W)**	12 / 10 (AC Coil: 1NO - 2 NO - 1NO+1NC - 1CO) 33 / 25 (AC Coil: 4NO, 2CO) 2.1 / 2.1 (AC/DC Coil: 1CO) 2.6 / 2.6 (AC/DC Coil: 2CO)
Operation coil consumption:	**(VA / W)**	2.8 / 1.2 (ac coil: 1NO - 2 NO - 1NO+1NC - 1CO) 5.5 / 1.6 (AC Coil: 4NO, 2CO) 2.1 / 2.1 (AC/DC Coil: 1CO) 2.6 / 2.6 (AC/DC Coil: 2CO)
Rated tightening torque:	**(Nm)**	0.6
Terminal screw type:		M3
Screwdriver suggested:		PZ1
Cable section:	**rigid (mm^2)**	1...2.5
	flexible (mm^2)	1...2.5
AUXILIARY CONTACT CHARACTERISTICS		
Rated operational voltage (Ue):	**(V)**	230 - 400 ac
Rated insulation voltage (Ui):	**(V)**	500
Rated impulse withstand voltage (Uimp):	**(kV)**	4
Rated current AC-15 (In):	**(A)**	6 (230V) - 4 (400V)
No. of modules:		0.5
Power loss per pole (AC-15):	**(W)**	0.3
Mechanical endurance (no. of operations):		3×10^6
Electrical endurance (no. of operations):		50,000
Rated tightening torque:	**(Nm)**	0.8
Terminal screw type:		M3
Screwdriver suggested:		PZ1
Cable section:	**rigid (mm^2)**	1...2.5
	flexible (mm^2)	1...2.5
Weight	**(g)**	35

(1) It's suggested the use of a spacer insert (GW D6 766) between adjacent groups of realys to ensure heat dissipation.
(2) Not available for relays with AC/DC coil

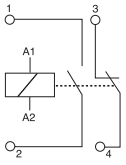
Circuit diagrams - Contactors



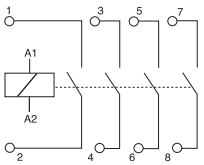
GW D6 601
GW D6 602
GW D6 603
GW D6 604



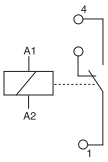
GW D6 624



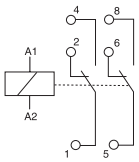
GW D6 706
GW D6 707
GW D6 744



GW D6 632
GW D6 633
GW D6 634

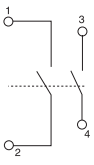


GW D6 606
GW D6 608
GW D6 610
GW D6 611

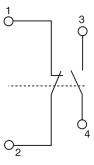


GW D6 626
GW D6 627
GW D6 629
GW D6 630

Circuit diagrams - Auxiliary contacts



GW D6 761



GW D6 762

