

Impiego/Use:

Carrelli elevatori, scale mobili, macchine tessili, macchine per il legno, macchine per stampaggio materie plastiche, macchine per la lavorazione della ceramica...
Lift elevators, moving stairs, textile machines, wood working machines, plastic molting machines, ceramic working machines...

ME2



Certificazioni/Approvals

CE, Tuv, UL

ISOLAMENTO/INSULATION	
Test voltaggio/Test voltage (1min) Tra bobina e contatti/ <i>Between coil and contacts:</i> Tra i contatti aperti/ <i>Between open contacts:</i> Contatto-contatto/ <i>Contact-Contact:</i>	3750VAC Vr.m.s. 750VAC Vr.m.s. 1250VA Vr.m.s
Resistenza iniziale isolamento <i>Initial insulation resistance</i>	1000Ω-500VAC
Isolamento secondo normativa EN61810-5 <i>Insulation according to EN61810-5</i> Tensione nominale isolamento/ <i>Rated insulation voltage:</i> Tensione Isolamento impulsivo/ <i>Impulsive insulation voltage:</i> Grado di inquinamento/ <i>Pollution degree:</i> Categoria di sovratensione/ <i>Overvoltage category:</i>	250V 3,6kV 2 III

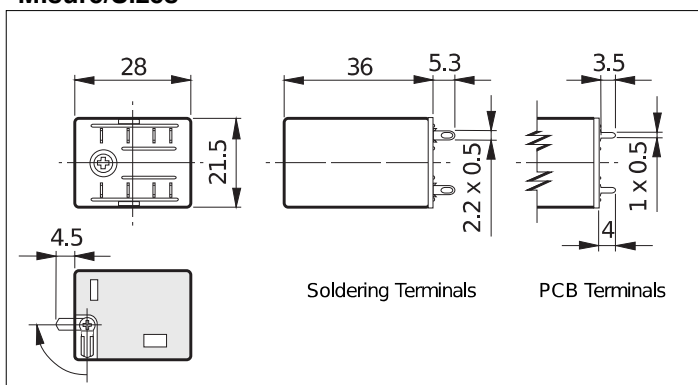
CARATTERISTICHE BOBINA/COIL FEATURES

Codice Code	Vtaggio Voltage (V)	Ingresso Input (V)	Uscita Output (V)	Resistenza Bobina Coil resistance (Ω)
ME22C12DC	12VDC	9,6	1,2	160,0±10%
ME22C24DC	24VDC	19,2	2,4	650,0±10%
ME22C48DC	48VDC	38,4	4,8	2600,0±15%
ME22C12AC	12VAC	9,6	3,6	160,0±10%
ME22C24AC	24VAC	19,2	7,2	650,0±10%
ME22C48AC	48VAC	38,4	14,4	2600,0±15%
ME22C120AC	120VAC	96,0	36,0	11000,0±15%
ME22C230AC	230VAC	176,0	66,0	11000,0±15%

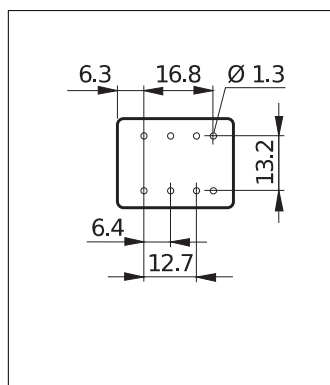
DATI TECNICI/DATA

Configurazione contatti/ <i>Contacts configuration:</i>	2 contatti in deviazione/ <i>2 change-over contacts</i>
Categoria contatto/ <i>Contact category:</i>	10A
Codice contatto/ <i>Contact code:</i>	210
Max corrente/ <i>Max rating:</i>	10A-250VAC/30VDC
Materiale/ <i>Material</i>	AgCe
Resistenza iniziale contatto/ <i>Initial contact resistance:</i>	50mΩ
Corrente minima/ <i>Min Current:</i>	Min. carica applicabile 5mA (12VDC)/ <i>Min applicable loading 5mA (12VDC)</i>
Max tensione commutazione/ <i>Max switching voltage:</i>	250VACV/30VDC (10A)
Max potenza commutazione/ <i>Max switching power:</i>	2500VA/300W (10A)
Durata/ <i>Life</i>	Vita elettrica/ <i>Electrical life:</i> 10 ⁵ cicli/ <i>10⁵ cycles;</i> Vita meccanica/ <i>Mechanical life:</i> 10 ⁷ cicli/ <i>10⁷ cycles</i>
Potenza Nominale Bobina/ <i>Nominal coil power:</i>	0,9W/1,2VA AC
Tempo di funzionamento/ <i>Operating time:</i>	20ms max
Tempo di rilascio/ <i>Releasing time:</i>	20ms max
Temperatura di funzionamento/ <i>Operating temperature:</i>	Da -55°C a +70°C <i>From -55°C to +70°C</i>
Resistenza alle vibrazioni/ <i>Vibration resistance:</i>	Da 10 a 55Hz 1,0ms/ <i>From 10 to 55Hz 1,0ms</i>
Protezione/ <i>Protection:</i>	Guscio antipolvere/ <i>Dust cover</i>
Resistenza agli urti/ <i>Shock resistance:</i>	Funzionale/ <i>Functional:</i> 100m/s ² /10g 11ms Distruttiva/ <i>Destructive:</i> 100m/s ² /100g
Umidità/ <i>Humidity:</i>	Da 35% a 95% RH senza condensa/ <i>From 35% to 95% non condensing</i>
Terminali/ <i>Terminals:</i>	PCB o con alette saldate (plug-in)/ <i>PCB or soldering pins (plug-in)</i>
Peso/ <i>Weight:</i>	37 gr

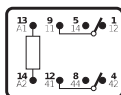
Misure/Sizes



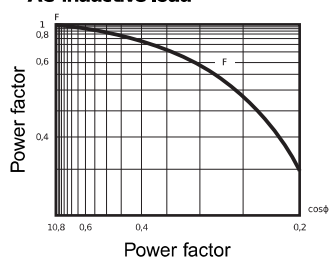
Pins



Schema elettrico/Wiring diagram



1 Electrical life reduction factor at AC inductive load



2. Max DC resisting load breaking capacity

