











# INTERRUTTORI PER ELETTROUTENSILI



# 05

## ■ Norme e omologazioni Internazionali

Paese	Canada	UK	Germania	Svizzera	Danimarca	Norvegia	Svezia	Finlandia	Austria	Gran Bretagna	IEC Commissione Elettrotecnica Internazionale
Ente di controllo	CSA International		Verband Deutscher Elektrotechniker	Schweizerischer Elektrotechnischer Verein	Danmarks Elektriske Materielkontroll	Norges Elektriske Materielkontroll	Svenska Elektriske Materielkontroll-anstalten	Sähötär-kastuskeskus	Österreichischer Verband für Elektrotechnik	British Standards Institution	
Marchio o Conformità	 <sup>(1)</sup>		VDE 0660 <sup>(2)</sup>							BS <sup>(2)</sup> EN 60947	IEC 60947 <sup>(3)</sup>
LEA202		•	+	+	+	+	+	+	+	+	+
LFA203		•	+	+	+	+	+	+	+	+	+
LLA42	•	•	+	+	+	+	+	+	+	+	+
LLA43	•	•	+	+	+	+	+	+	+	+	+
LNA45		•	+	+	+	+	+	+	+	+	+
LAA65		•	+	+	+	+	+	+	+	+	+
LAA88		•	+	+	+	+	+	+	+	+	+

- Omologato
- + Conforme alle normative

**Note:**

- 1) Omologazione CSA File 039540-0-000
- 2) Non vi è l'obbligo per il costruttore di apporre il simbolo di approvazione, ma in ogni caso l'apparecchio deve essere conforme alle norme di legge
- 3) IEC non effettua un programma di omologazione

**Caratteristiche tecniche**

			LAA65	LAA88	LEA202R	LLA42	LLA43	LFA203	LNA45
Tensione nominale di isolamento	Ui	V	250	250	380	250	380	380	380
Tensione nominale di impiego	Ue	V	250	250	380	250	380	380	380
Frequenza di impiego		Hz	50/60	50/60	50/60	50/60	50/60	50/60	50/60
<b>Corrente nominale</b>									
Carico resistivo	In	A	6	8	10 (Ue=250V)	15	15	10 (Ue=250V)	20 (Ue=250V)
Carico induttivo	In	A	5	8	6 (Ue=250V)	10	10	6 (Ue=250V)	10 (Ue=250V)

**Dati tecnici CSA (Sec. CSA 22.2 n.55)**

Tensione nominale di isolamento	Ui	V	-	-	-	250	250	-	-
Tensione nominale di impiego	Ue	V	-	-	-	250	250	-	-
Corrente nominale termica	I <sub>th</sub>		-	-	-	15	15	-	-
Corrente nominale di impiego (Carichi resistivi o debolmente induttivi)			-	-	15	15	-	-	
Carico motore standard	3 fasi - 3 poli	Hp	-	-	-	-	2	-	-
	1 fase - 2 poli	Hp	-	-	-	2	-	-	-

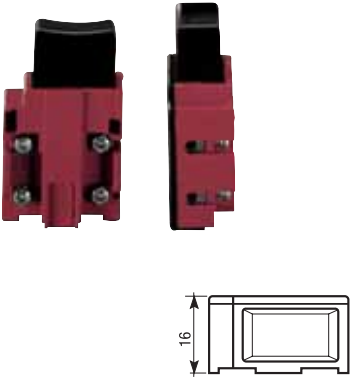
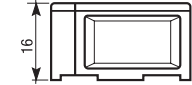
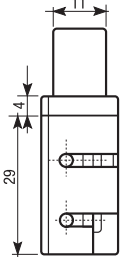

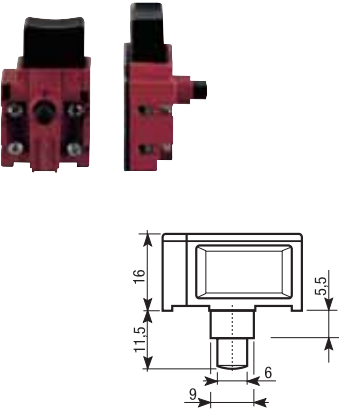
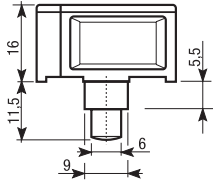
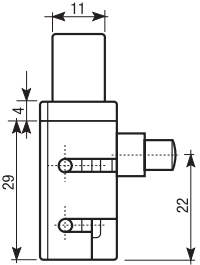
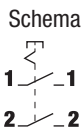
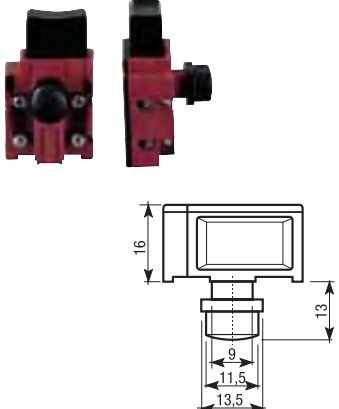
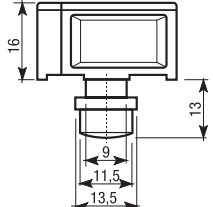
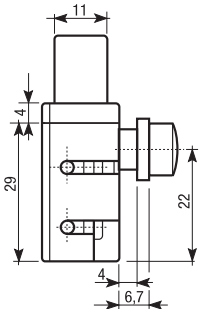
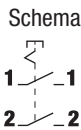
**Caratteristiche meccaniche**

Durata meccanica (120 cicli/ora)			1E5	1E5	1E5	1E5	1E5	1E5	1E5
Durata elettrica	EN61058		5E4	5E4	5E4	5E4	5E4	5E4	5E4
Classe isolamento	EN61058		II	II	II	II	II	II	II
Tipo di isolamento	EN61058		Rinforzato	Rinforzato	Rinforzato	Rinforzato	Rinforzato	Normale	Rinforzato
Grandezza morsetto			2	2	2	2	2	2	4
Sezione collegabile con conduttori flessibili	Min-Max	mm <sup>2</sup>	0,75-2,5	0,75-2,5	0,75-2,5	0,75-2,5	0,75-2,5	0,75-2,5	1,5-4
Sezione collegabile con conduttori rigidi	Min-Max	mm <sup>2</sup>	1-2,5	1-2,5	1-2,5	1-2,5	1-2,5	1-2,5	2,5-6
Sezione collegabile con conduttori flessibili	Min-Max	AWG	19-14	19-14	19-14	19-14	19-14	19-14	16-12
Sezione collegabile con conduttori solidi	Min-Max	AWG	18-14	18-14	18-14	18-14	18-14	18-14	14-10
Vite morsetto		M3	M3	M3,5	M3,5	M3,5	M3,5	M4	
Grado di protezione IEC 529 EN 60529		IP00	IP00	IP00	IP00	IP00	IP00	IP00	
Coppia di serraggio		Nm	0,9	0,9	0,9	0,9	0,9	0,9	0,9

**Condizioni di impiego**

Temperatura di esercizio	°C					T55			
Temperatura di stoccaggio	°C		-25 ÷ +70				-30 ÷ +70		
Resistenza al clima umido costante								sec. IEC 60068-2-8	
Resistenza al clima umido ciclico								sec. IEC 60068-2-30	


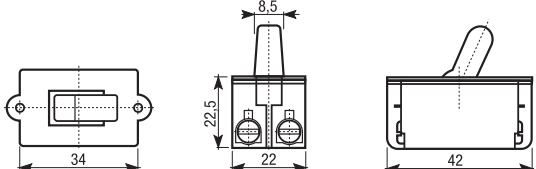
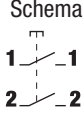
## ■ Serie LAA65-LAA88

	Codice	Descrizione	Conf.
	LAA65301	Interruttore bipolare a tasto senza blocco, 4 morsetti a vite	10
			
			
		<p>Schema</p> 	
	LAA65311	Interruttore bipolare a tasto con blocco in ON Ø 6, 4 morsetti a vite	10
	LAA88311	Interruttore bipolare a tasto con blocco in ON Ø 6, 4 morsetti a vite argentati	10
			
			
		<p>Schema</p> 	
	LAA65331	Interruttore bipolare a tasto con blocco in ON Ø 11,5, 4 morsetti a vite	10
			
			
		<p>Schema</p> 	


Interruttori **bipolari con comando a leva**

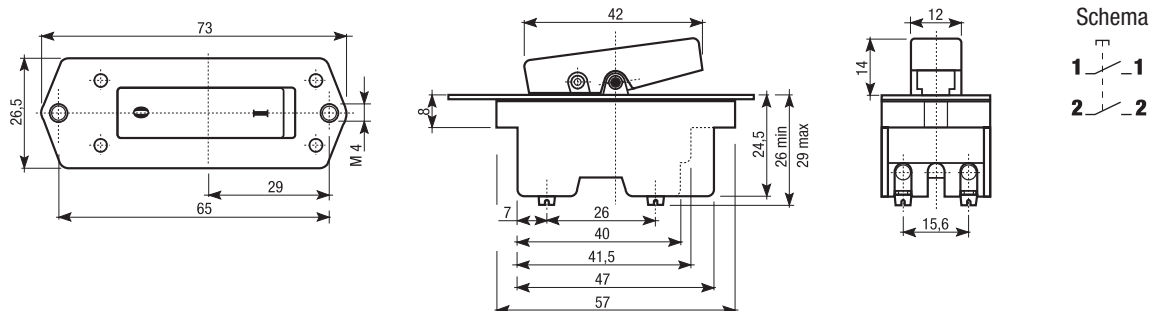
interruttori per elettrotensili

## ■ Serie LEA202R

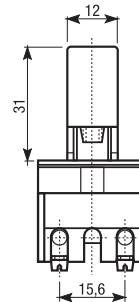
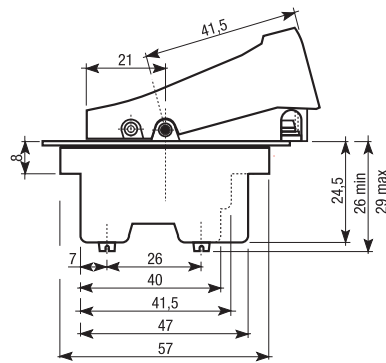
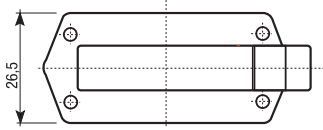
	Codice	Descrizione	Conf.
	LEA202R	Interruttore bipolare a leva stabile	10
		Schema	

## ■ Serie LLA42

	Codice	Descrizione	Conf.
	LLA422N1	Interruttore bipolare a leva nera, interasse fori 55mm	10
	LLA422A1	Interruttore bipolare a leva arancio, interasse fori 55mm	10
	LLA422N3	Interruttore bipolare a leva nera, interasse fori 65mm	10



Codice	Descrizione	Conf.
LLA424N0	Interruttore bipolare a leva nera instabile, senza fori fissaggio, L41,5	10
LLA424NOA	Interruttore bipolare a leva speciale	10



Schema



Interruttori **tripolari con comando a leva**

interruttori per elettrotensili

## ■ Serie LFA203

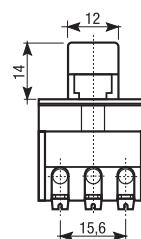
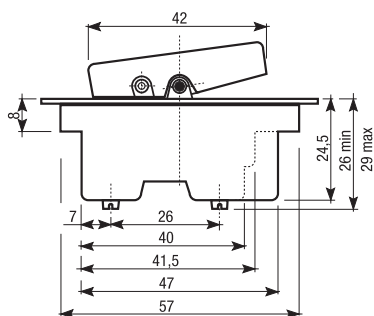
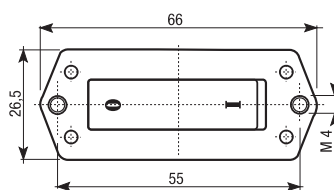
Codice	Descrizione	Conf.
LFA203R	Interruttore tripolare a leva stabile	10

Schema

## ■ Serie LLA43

Codice	Descrizione	Conf.
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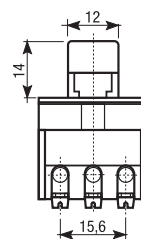
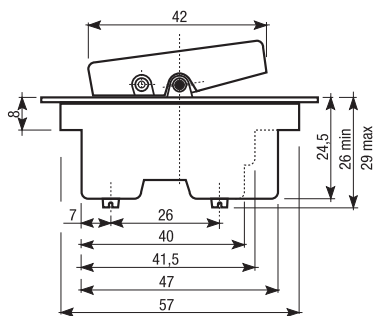
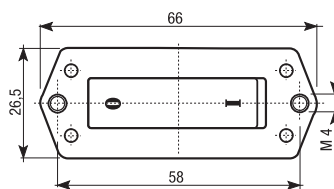
LLA432N1	Interruttore tripolare a leva nera stabile, interasse fori 55mm, L26,5	10
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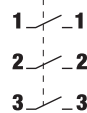
Schema



LLA432N2	Interruttore tripolare a leva nera stabile, interasse fori 58mm, L26,5	10
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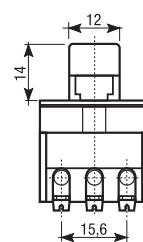
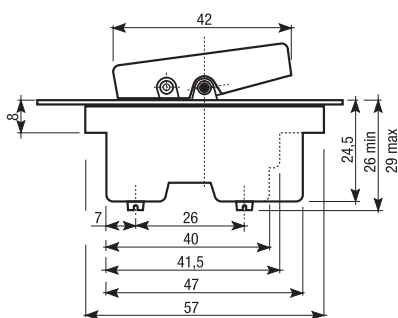
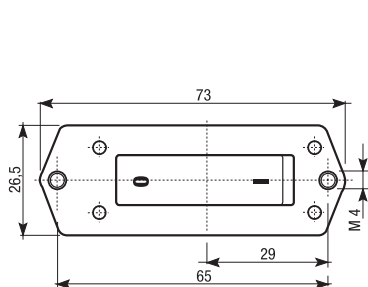
Schema



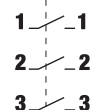


■ Serie LLA43

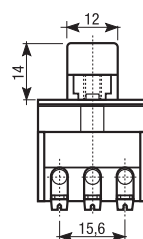
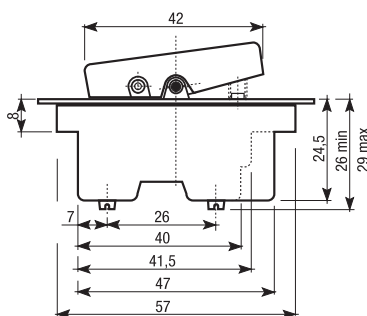
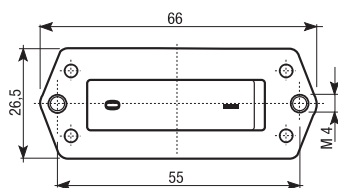
Codice	Descrizione	Conf.
LLA432N3	Interruttore tripolare a leva nera stabile, interasse fori 65mm	10



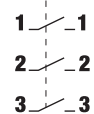
Schema



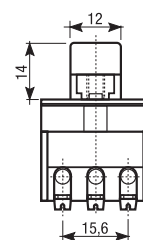
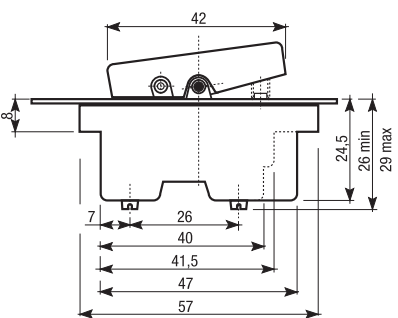
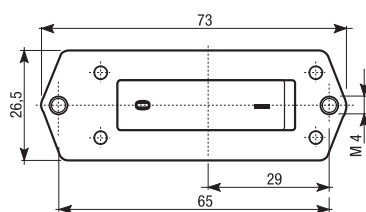
LLA438N1	Interruttore tripolare a leva nera instabile, interasse fori 55mm	10
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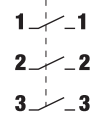
Schema



LLA438N3	Interruttore tripolare a leva nera instabile, interasse fori 65mm	10
LLA438A3	Interruttore tripolare a leva arancio instabile, interasse fori 65mm	10



Schema

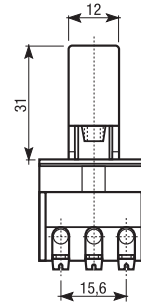
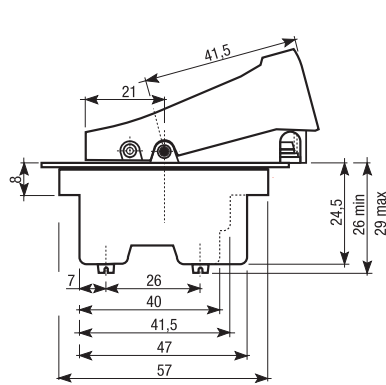
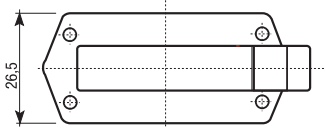




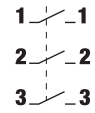
**LLA439A0**

Interruttore tripolare a leva arancio instabile, senza fori fissaggio

10



Schema



## ■ Serie LNA45

Codice

Descrizione

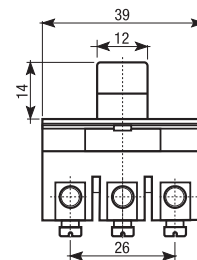
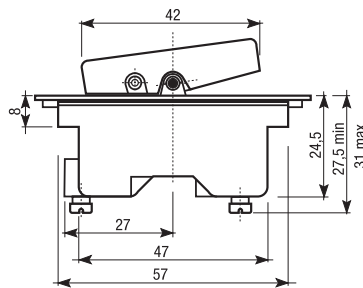
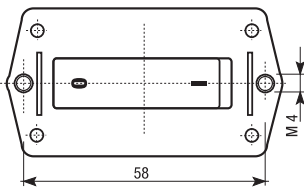
Conf.



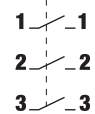
**LNA452N2B**

Interruttore tripolare a leva nera stabile, interasse fori 58mm, L39

10



Schema



## ■ Calotta antipolvere

Codice	Descrizione	Conf.
PROTG4198	Calotta antipolvere	10

