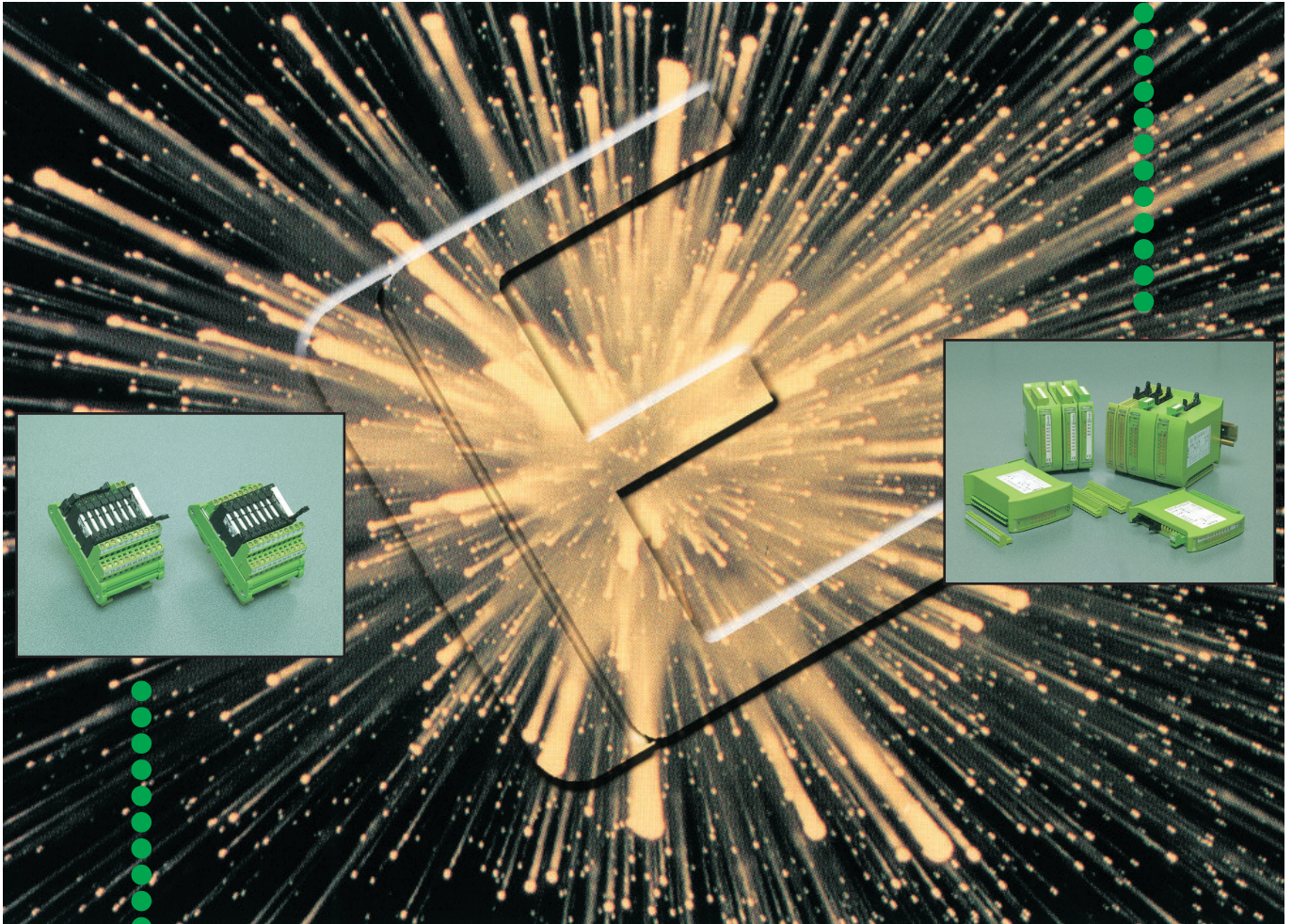


MODULI COMPATTI BX/SNR



COMPACT MODULES BX/SNR

EUROTEK

**ALIMENTATORI
POWER SUPPLY**

1

**MODULI INTERFACCIA
INTERFACE MODULES**

2

**MODULI COMPATTI BX/SNR
COMPACT MODULES BX/SNR**

3

**MODULI INTERFACCIA STATICI - UNITA' STATICHE DI POTENZA
STATIC INTERFACE MODULES - STATIC POWER UNITS**

4

**FILTRI DI RETE
LINE FILTERS**

5

**CONVERTITORI DI SEGNALE
SIGNAL CONVERTERS**

6

INDICE

MODULI INTERFACCIA RELE' SNR		
SNR RELAY INTERFACE MODULES		P. 4 - 7
<hr/>		
MODULI COMPATTI D'INTERFACCIA		
COMPACT BOX MODULE		P. 8 - 11
<hr/>		
NOTE APPLICATIVE		
APPLICATIONS NOTES:		
<hr/>		
	SIEMENS PLC S7200	P. 12
	SIEMENS PLC S7300 S7300 - S7400	P. 13
	OMRON PLC CJ1W	P. 14
	OMRON PLC CQM1-C200H	P. 15
	NAIS MATSUSHITA PLC FP0	P. 16
	NAIS MATSUSHITA PLC FP2	P. 17
	TELEMECANIQUE PLC TSX MICRO / PREMIUM	P. 18
	ALLEN BRADLEY PLC SLC 500	P. 19
	MITSUBISHI PLC FX2 NC	P. 20
	G.E. FANUC PLC 90 TM-30 / MOD. POWER MATE IH	P. 21
	HITACHI PLC EH-150	P. 22

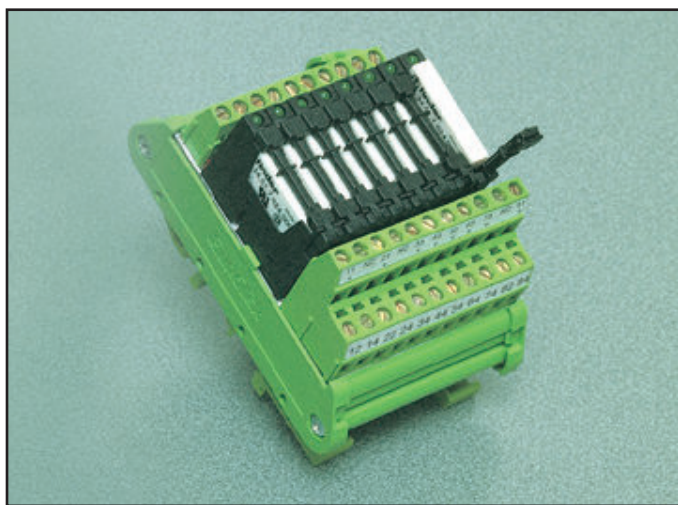
NOTA: per soluzioni e applicazioni dedicate ad altri PLC/CN, rivolgersi alla sede EUROTEK.

NOTE: more solutions and applications to different PLC/CN available on request. Please ask EUROTEK.

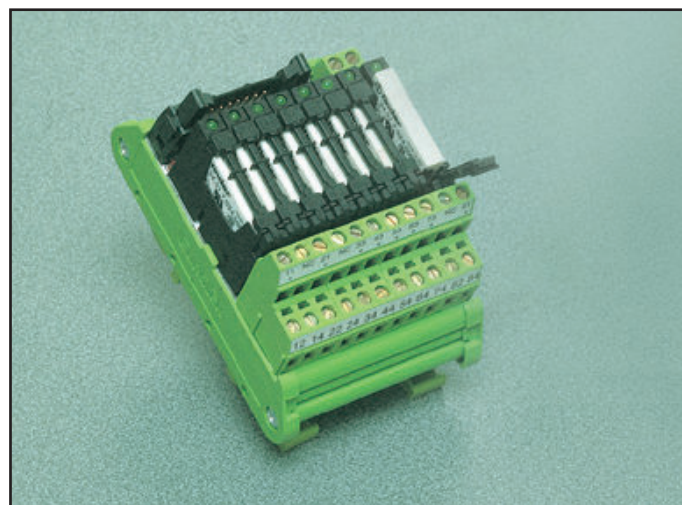
Interfaccia con relè tipo SNR, in versione elettromeccanica o statica. Soluzioni con connessioni ingresso/uscita su morsettiere serrafilo oppure ingresso su connettore FK (flat) e uscita su morsetti serrafilo. L'utilizzo di questi moduli garantisce un notevole risparmio di spazio e di tempo per cablaggio/collauda/ricerca guasti. **Riduce significativamente la possibilità di errore e il numero di prodotti gestiti.**

SNR relay module, either electromechanical or solid state version: available with screw terminals for both input/output sides or with FK (flat) connector for input, screw terminals for output. The SNR relay modules offer small size and wiring/test/troubleshoot time saving. **Moreover reduce wiring mistakes and number of devices in stock.**

MODULO 8 RELE' SNR - MORSETTO/MORSETTO 8 SNR RELAYS MODULE - SCREW TERMINALS



MODULO 8 RELE' SNR - CONNETTORE/MORSETTO 8 SNR RELAYS MODULE - TERMINAL /CONNECTOR



Contenute dimensioni
Small size

Rapidità e semplicità di installazione
Quick and easy mounting

Versione con relè elettromeccanico, portata contatti 6A 250V
Electromechanical relay version, rated current 6A 250V

Versione con relè statico, portata 2A @ 24Vcc
Solid state relay version, rated current 2A @ 24Vdc

Versione mista: relè statico e relè elettromeccanico
Mixed version: solid state relay and electromechanical relay

Segnale di comando monorelè: Vcc o Vca/cc (vedere tabella "come ordinare")
Single relay drive signal Vdc or Vac/dc (please see "how to order")

Segnale di comando modulo 8 relè: Vcc
8 relays module drive signal: Vdc

Connessione diretta (pin to pin) a PLC serie S7 200-300-400,
connessione altri PLC con cavi dedicati

Direct connection (pin to pin) to PLC series S7 200-300-400,
connection to other PLCs by dedicated cables

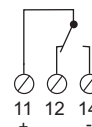
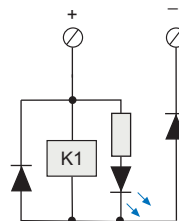
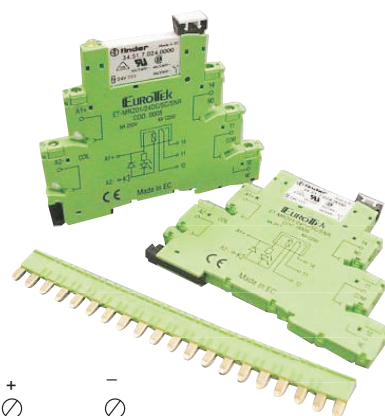
Led verdi: relè eccitato/canale e presenza alimentazione
Green leds: relay ON/each way and supply ON

Sicurezza contro inversione polarità e diodo in antiparallelo
Polarity reverse protection and antiparallel diode

Supporto in materiale autoestinguente UL 94-VO
Selfextinguishing UL 94-VO support

Aggancio per barra DIN
DIN rail mounting

MODULO MONO RELE' SINGLE RELAY MODULE



MODULO RELE' ELETTROMECCANICO ELECTROMECHANICAL RELAY MODULE	MONORELE' / SINGLE RELAY	8 RELE' / 8 RELAYS
Segnale di comando Control signal	6-12-24-48-60-110-230 Vac/dc	12-24 Vdc
Corrente/tensione nominale contatti Nominal rated current/voltage on contacts	6A/250 V	
Portata nominale contatti in AC1 AC1 nominal rated on contacts	1500 VA	
Portata nominale contatti in AC15 AC15 nominal rated on contacts	300 VA	
Carico minimo commutabile Minimum switching load	500 mW (12V/10mA)	
Vita meccanica a pieno carico in AC1 AC1 contacts mechanical life	10x10 ⁶ cicli	
Vita elettrica a pieno carico in AC3 AC3 electrical life (full load)	60x10 ³	
Rigidità dielettrica: bobina/contatti Dielectric strenght: coil/contacts	4000Vac (8 mm)	
Tempi di intervento: eccitazione/diseccitazione Operate time/release time	7/8 msec	
Temperatura di esercizio Working temperature	0-50 °C	
Supporto/custodia in materiale autoestinguente Selfextinguishing support/case	UL 94-VO	
Minima distanza per montaggio affiancato Minimum mounting distance between modules	Nessun limite <i>No limits</i>	

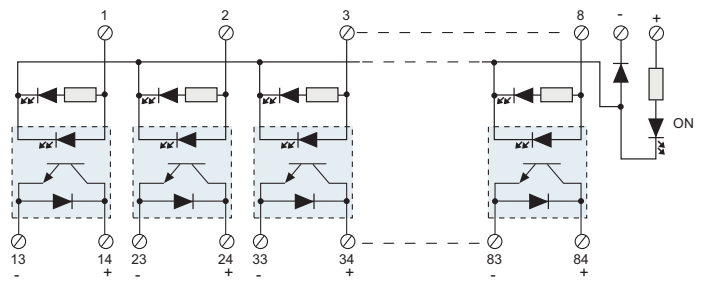
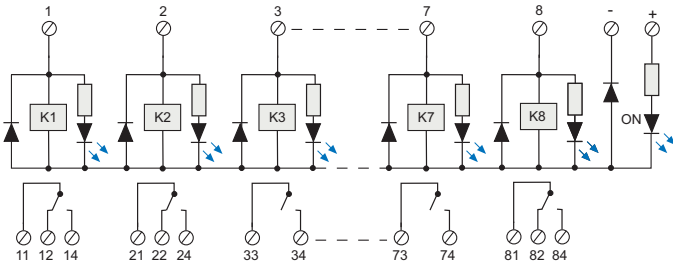
**MODULO RELE' STATICO
SOLID STATE RELAY MODULE**

Segnale di comando Control signal	24 Vdc
Minima tensione di comando Minimum control voltage	18 Vdc
Massima tensione di comando Maximum control voltage	30 Vdc
Tensione di rilascio Release voltage	10 Vdc
Resistenza di ingresso Input resistance	4 Kohm
Massima tensione di uscita Maximum output voltage	24 Vdc
Massima tensione ripetitiva Maximum repetitive blocking voltage	33 Vdc
Massima corrente in uscita Maximum output current	2 A
Isolamento ingresso/uscita Input/output insulation	2.5 KV
Temperatura di esercizio Working temperature	0-50 °C
Supporto/custodia in materiale autoestinguente Selfextinguishing support/case	UL 94-VO
Minima distanza per montaggio affiancato Minimum mounting distance between modules	Nessun limite <i>No limits</i>

COME ORDINARE E DIMENSIONI VEDERE PAGINA 7 - HOW TO ORDER AND DIMENSIONS PLEASE SEE PAGE 7

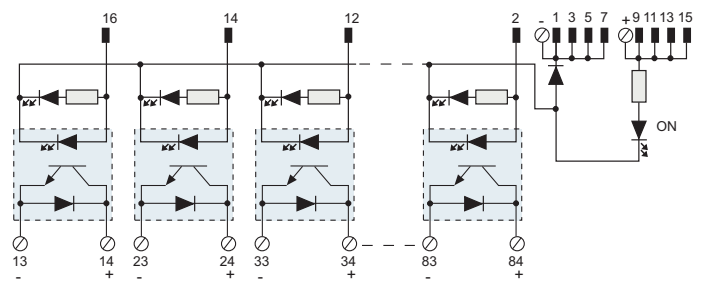
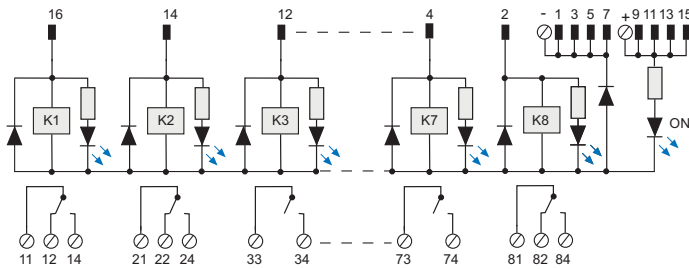
MODULO 8 RELE' MORSETTO MORSETTO
8 RELAYS MODULE WITH SCREW TERMINALS FOR INPUTS AND OUTPUTS

MODULO 8 RELE' STATICI, MORSETTO MORSETTO
8 SSRs MODULE WITH SCREW TERMINALS FOR INPUTS AND OUTPUTS



MODULO 8 RELE' CONNETTORE - MORSETTI
8 RELAYS MODULE, CONNECTOR - SCREW TERMINALS

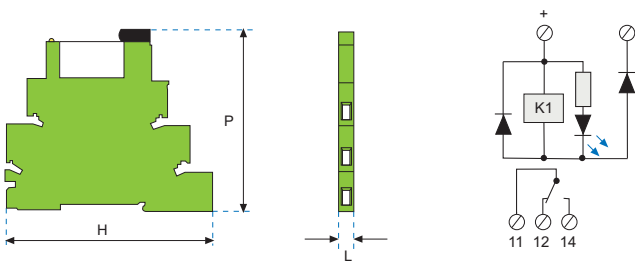
MODULO 8 RELE' STATICI CONNETTORE - MORSETTI
8 SSRs MODULE, CONNECTOR - SCREW TERMINALS



Ingresso dedicato a PLC serie S7 200-300-400. Connessione ad altri PLC con cavi dedicati. Input for direct connection to PLC series S7 200-300-400. Connection to other PLC by dedicated cables.

DIMENSIONI MODULI A RELE' SNR / SNR RELAY MODULES DIMENSIONS

MONORELE' SLIM / SLIM SINGLE RELAY

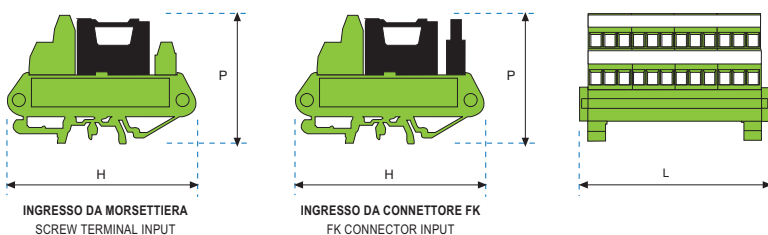


Sigla
Part number

Codice
Code

Sigla Part number	Codice Code	L / W	H	P / D
ET-MRZ01/24DC/SC/SNR	0005	6	88	75
ET-MRZ01/12DC/SC/SNR	0006	6	88	75
ET-MRZ01/230AC-DC/SC/SNR	1101	6	88	75
ET-MRZ01/115AC-DC/SC/SNR	1102	6	88	75
ET-MRZ01/60AC-DC/SC/SNR	1103	6	88	75
ET-MRZ01/48AC-DC/SC/SNR	1104	6	88	75
ET-MRZ01/24AC-DC/SC/SNR	1105	6	88	75
ET-MRZ01/12AC-DC/SC/SNR	1106	6	88	75
ET-MRZ01/6AC-DC/SC/SNR	1107	6	88	75

MODULO 8 RELE' SNR ZOCCOLATO / 8 SNR PLUGGABLE RELAY MODULE



Sigla
Part number

Codice
Code

Sigla Part number	Codice Code	L / W	H	P / D
ET-MRZ08/24DC/NO-SC/SNR/N	0286	60	92	64
ET-MSZ08/24DC/24DC/2A/NO/N/SNR	0289	60	92	64
ET-MRZ08/FK16/NO-SC/SNR/S7234/N	0779	60	92	64
ET-MSZ08/FK16/48/2/SNR/S7234	0773	60	92	64

COME ORDINARE / HOW TO ORDER

Monorelè / Single relay

Sigla Part number	Codice Code	Comando Drive signal	Uscita Output
* ET-MRZ01/24DC/SC/SNR	0005	24Vdc	Relè elettromeccanico 6A 250V contatto in scambio Electromechanical relay 6A 250V SPDT
* ET-MRZ01/12DC/SC/SNR	0006	12Vdc	
* ET-MRZ01/230AC-DC/SC/SNR	1101	230Vac/dc	
* ET-MRZ01/115AC-DC/SC/SNR	1102	115Vac/dc	
* ET-MRZ01/60AC-DC/SC/SNR	1103	60Vac/dc	
* ET-MRZ01/48AC-DC/SC/SNR	1104	48Vac/dc	
* ET-MRZ01/24AC-DC/SC/SNR	1105	24Vac/dc	
* ET-MRZ01/12AC-DC/SC/SNR	1106	12Vac/dc	
* ET-MRZ01/6AC-DC/SC/SNR	1107	6Vac/dc	
ponticello 20 poli / 20 poles bridge	0013		

8 relè morsetto morsetto / 8 relays screw terminals

Sigla Part number	Codice Code	Comando Drive signal	Uscite Outputs
ET-MRZ08/24DC/NO-SC/SNR/N	0286	24Vdc	Relè elettromeccanico 6A 250V contatti: n°3 SC n°5 NA Electromechanical relay 6A 250V n°3 SPDT n°5 NO
ET-MSZ08/24DC/24DC/2A/NO/N/SNR	0289	24Vdc	Relè statico 2A 24Vcc Solid state relay 2A 24Vdc

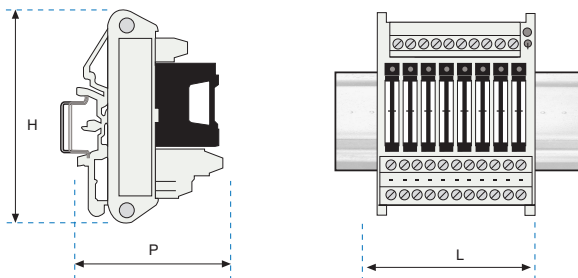
8 relè connettore morsetto / 8 relays connector screw term

Sigla Part number	Codice Code	Comando Drive signal	Uscite Outputs
ET-MRZ08/FK16/NO-SC/SNR/S7234/N	0779	24Vdc	Relè elettromeccanico 6A 250V contatti: n°3 SC n°5 NA Electromechanical relay 6A 250V n°3 SPDT n°5 NO
ET-MSZ08/FK16/48/2/SNR/S7234	0773	24Vdc	Relè statico 2A 24Vcc Solid state relay 2A 24Vdc

NOTA: Tutti i moduli hanno relè estraibili.

NOTE: All this modules are equipped with PLUGGABLE relays.

VISTA DI MONTAGGIO SU BARRA DIN / DIN RAIL MOUNTING VIEW



NOTA: adatti per aggancio su barra DIN EN50022 e EN50035
NOTE: suitable for DIN EN50022 and EN50035 rail mounting

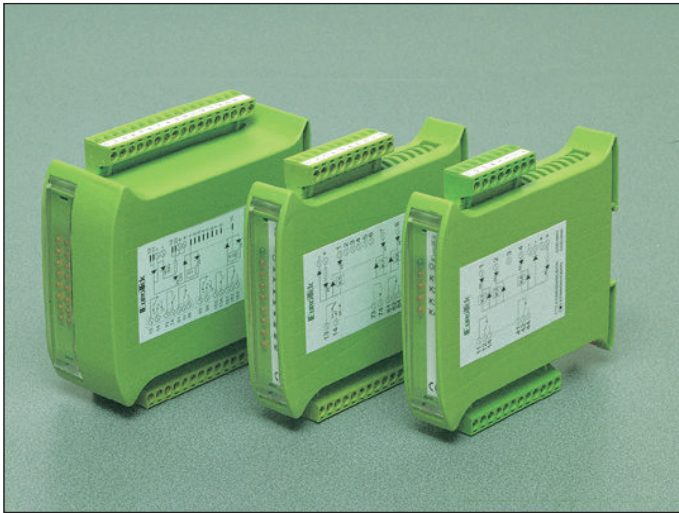
4-8-16 RELAYS INTERFACE MODULE BOX

Moduli di interfaccia a relè elettromeccanici in contenitori compatti disponibili in 2 versioni:
 - Connessioni Ingresso e Uscita su morsettiere estraibili per utilizzo generico.
 - Connessioni lato ingresso su connettore per collegamento diretto ai più diffusi PLC e connessioni lato uscita su morsettiere estraibili (i codici di ordinazione sono riportati nella sezione dedicata ai vari PLC).

L'utilizzo di questi moduli garantisce un eccezionale risparmio di spazio con una soluzione esteticamente gradevole.

Riduce significativamente i tempi di cablaggio/collaudo/ ricerca guasti e le possibilità di errore.

Moduli d'interfaccia 4 - 8 - 16 rele' - Connessioni su morsettiere 4 - 8 - 16 relays interface modules - Screw terminals connection



Notevole risparmio di spazio, rapidità e semplicità di installazione.

Interfacce BOX nelle versioni a 4, 8 o 16 canali.

Segnale di comando 24Vcc. Versioni standard PNP, a richiesta NPN.

Relè elettromeccanici saldati o zoccolati, portata contatti: 8 A 250V.

Configurazioni dei contatti di uscita:

- BOX 4 canali con contatto in scambio completo per ogni relè.
- BOX 8 canali con contatto Normalmente Aperto per relè da 1 a 7, ed in scambio completo per relè 8.
- BOX 8 canali con contatto in scambio completo per ogni relè.
- BOX 16 canali con contatto Normalmente Aperto per 14 relè, ed in scambio completo per 2 relè.

Led frontali gialli relè eccitato/canale, verde presenza alimentazione.

Modi di connessione per segnali di pilotaggio:

- BOX 4 canali con morsettiere estraibile
- BOX 8 canali con morsettiere estraibile
- BOX 8 canali con connettore per ingresso da PLC
- BOX 8 canali con morsettiere estraibile e connettore per ingresso da PLC
- BOX 16 canali con morsettiere estraibile
- BOX 16 canali con con connettore per ingresso da PLC

Connessione carichi su morsettiere estraibili.

Custodia autoestinguenta UL 94-V0 - Aggancio per barra DIN

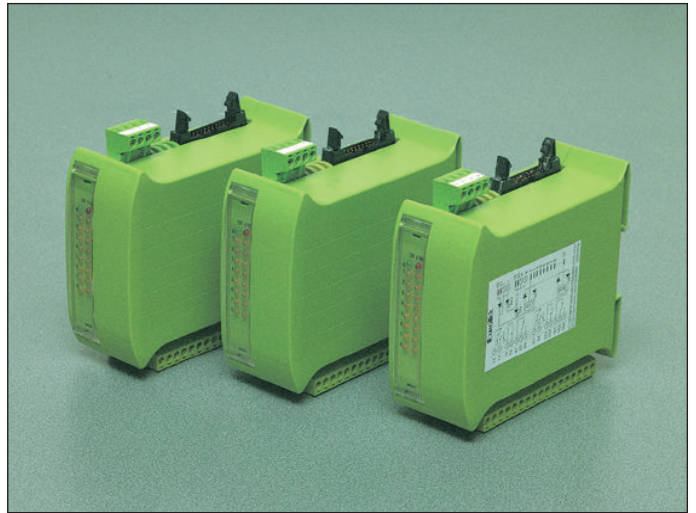
Protezione IP20 - Diode in antiparallelo

Alto isolamento ingresso/uscita (>2500V).

Compact box interface module with electromechanical relays available in two versions:
 - Input and output connection on plug-in screw terminals, for generic use.
 - Input connection on Connector suitable for PLC, output connection on plug-in screw terminals (you can find ordering code in the PLC chapter).

The box modules allow an excellent space saving with an aesthetically pleasant solution. **Moreover offer wiring/test/troubleshoot time saving.**

Moduli compatti 8-16 rele' - Lato ingresso Connettore, lato uscita Morsettiere 8-16 relays module box - Connector on input side, screw terminals on output side



Excellent space saving, quick and easy mounting.

4, 8 and 16 relays BOX interface.

24Vdc drive signal. PNP standard vesion, NPN option.

Electromechanical soldered or pluggable relays, rated current: 8A 250V.

Output contact configuration:

- 4 channels BOX with SPDT each relay.
- 8 channels BOX with Normally Open contact for relays from 1 to 7, and SPDT for relay number 8.
- 8 channels BOX with SPDT each relay.
- 16 channels BOX with Normally Open contact for relays from 1 to 7 and from 9 to 15, and SPDT for relays number 8 and 16.

Front side yellow led relay ON / each way, green supply ON.

Drive signals connection:

- 4 channels BOX with plug-in screw terminals.
- 8 channels BOX with plug-in screw terminals.
- 8 channels BOX with connector for direct connections to PLC.
- 8 channels BOX with both plug-in screw terminals and connector for direct connections to PLC.
- 16 channels BOX with plug-in screw terminals.
- 16 channels BOX with connector for direct connections to PLC.

Load connections on plug-in screw terminals.

Selfextinguishing UL 94-V0 case - DIN rail mounting - IP20 protection.

High input/output insulation (>2500V) - Antiparallelo diode.

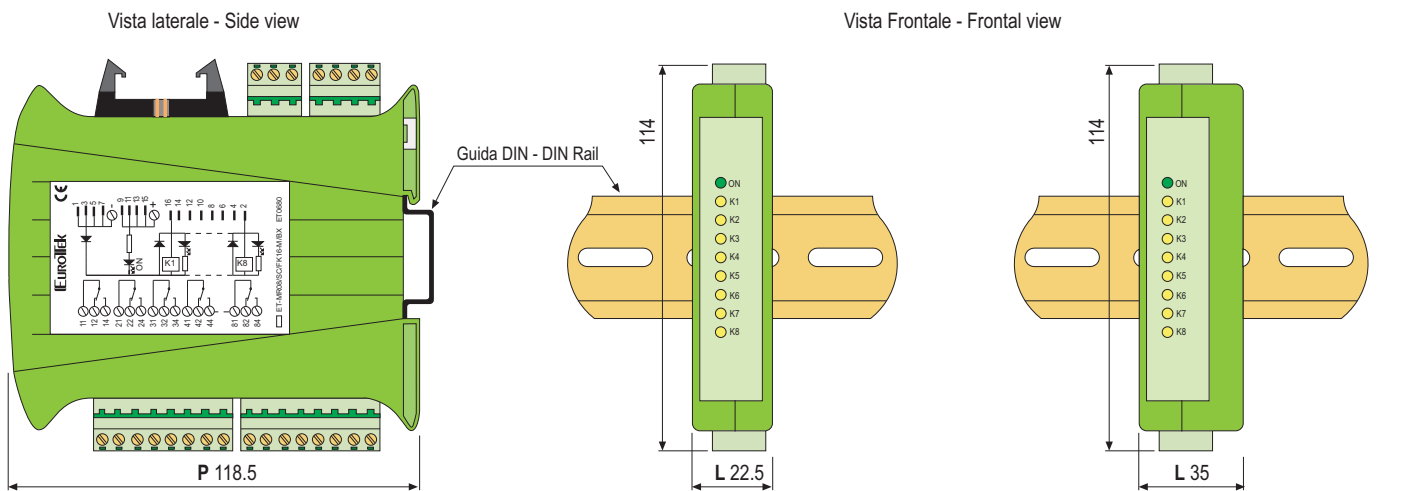
Sigla / part number	Cod.	N° vie / way	Descrizione / description
ET-MR04/SC/BX/N	ET0690	4 out	4 relè saldati, pilotaggio da morsetti / 4 soldered relays, input connection by screw terminals
ET-MR08/NO/BX/N	ET0687	8 out	8 relè saldati, pilotaggio da morsetti / 8 soldered relays, input connection by screw terminals
ET-MR08/FK16-M/SC/BX/N	ET0680	8 out	8 relè saldati, pilotaggio da connettore e da morsetti / 8 soldered relays, input connection by screw terminals and connector
ET-MR16/24/SC-NO/N/BX	ET0788	16 out	16 relè saldati, pilotaggio da morsetti / 16 soldered relays, input connection by screw terminals
ET-MRZ04/SC/BX/N	ET0691	4 out	4 relè estraibili, pilotaggio da morsetti / 4 plug in relays, input connection by screw terminals
ET-MRZ08/NO/BX/N	ET0686	8 out	8 relè estraibili, pilotaggio da morsetti / 8 plug in relays, input connection by screw terminals

MODULI A RELE' ELETTROMECCANICI / ELECTROMECHANICAL RELAY MODULES

Segnale di comando Control signal	24 Vdc
Corrente/tensione nominale sui contatti Nominal rated current/voltage on contacts	10 A / 250 V
Portata nominale contatti in AC1 AC1 nominal rated on contact	2500 VA
Portata nominale contatti in AC15 AC15 nominal rated on contact	500 VA
Carico minimo commutabile Minimum switching load	300 mW (5 V/5 mA)
Vita meccanica a pieno carico in AC1 AC1 contacts mechanical life	10x10 ⁶ cicli

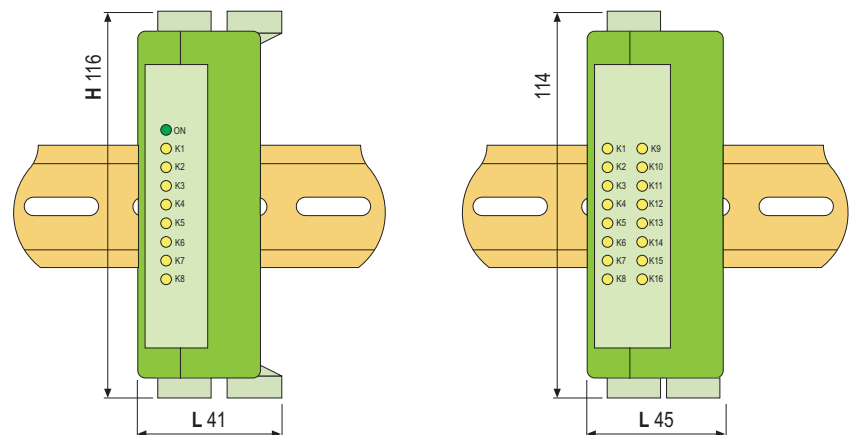
Vita elettrica a pieno carico in AC1 AC1 electrical life (full load)	10x10 ³ cicli
Rigidità dielettrica: bobina/contatti Dielectric strength: coil/contacts	4000Vac (8mm)
Tempi di intervento: eccitazione/diseccitazione Operate time/release time	11~8 msec
Temperatura di esercizio Working temperature	0~50 °C
Custodia in materiale autoestinguente Selfextinguishing case	UL 94-VO
Minima distanza per montaggio affiancato Minimum mounting distance between modules	Nessun limite No limits

LAYOUT E DIMENSIONI MODULI / MODULE DIMENSIONS AND LAYOUT



NOTA - NOTE:

- Vista laterale del modulo ET0680 ET/MR08/FK16-M/SC/BX/N.
- Side view module ET0680 ET/MR08/FK16-M/SC/BX/N.

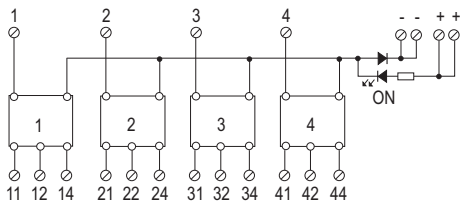


Sigla - Part number	Cod.	L / W	H	P / D
ET-MR04/SC/BX/N	0690	22,5	114	118,5
ET-MR08/NO/BX/N	0687	22,5	114	118,5
ET-MR08//FK16-M/SC/BX/N	0680	41	116	118,5

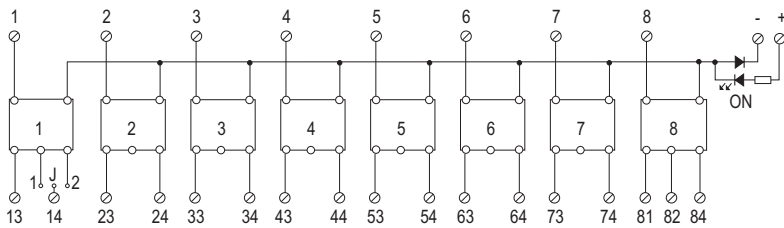
Sigla - Part number	Cod.	L / W	H	P / D
ET-MR16/24/SC-NO/N/BX	0788	45	114	118,5
ET-MRZ04/SC/BX/N	0691	35	114	118,5
ET-MRZ08/NO/BX/N	0686	35	114	118,5

Dimensioni espresse in millimetri - Dimensions are in mm

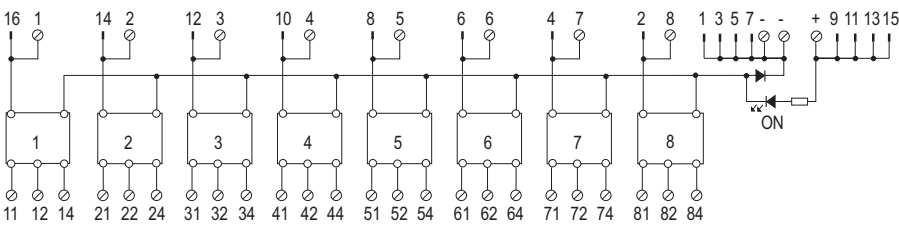
Modulo 4 relè - 4 relays module



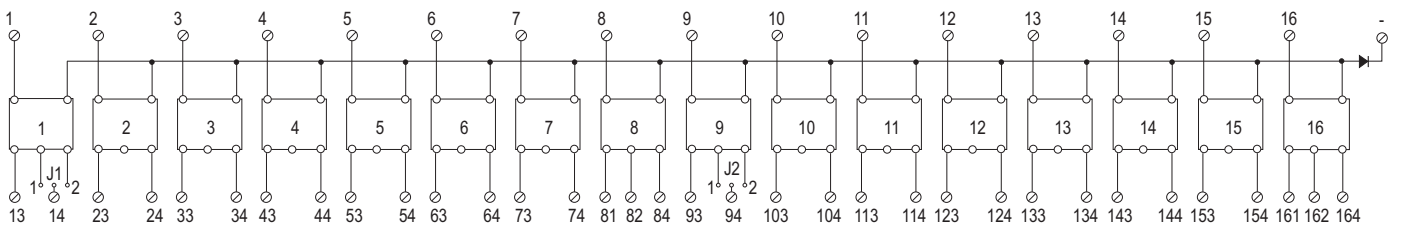
Modulo 8 relè con connessioni su morsettiere estraibili - 8 relays module with plug-in screw terminals connections



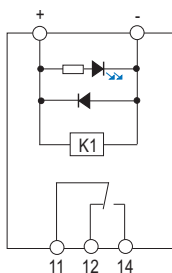
Modulo 8 relè con connessioni su morsettiere estraibili - 8 relays module with plug-in screw terminals connections



Modulo 8 relè con connessioni su morsettiere estraibili - 8 relays module with plug-in screw terminals connections



Relè elettromeccanico - Electromechanical relay



PASSIVE MODULES BOX FOR QUICK CONNECTION TO PLC

Moduli passivi in contenitori compatti per connessione rapida ai più diffusi PLC, ingresso su connettori DIN flat (pin to pin), morsetti estraibili per connessione al campo. L'utilizzo di questo modulo garantisce un eccezionale risparmio di spazio con una soluzione esteticamente gradevole. **Riduce significativamente i tempi di cablaggio/collaudo ricerca guasti e le possibilità di errore.**

Compact passive module box for quick connection to the most popular PLCs, input through DIN flat connectors (pin to pin), plug-in terminals for field connection. The box modules allow an excellent space saving with an aesthetically pleasant solution. **Moreover offer wiring/test/troubleshoot time saving and reduce wiring mistakes.**

Notevole risparmio di spazio, rapidità e semplicità di installazione
Excellent space saving, quick and easy mounting

Ingresso universale, comune negativo e comune positivo, per moduli senza indicazione luminosa.
Universal input, negative and positive common, for modules without LEDs

Led frontali gialli presenza segnale di comando (opzn.)
Front side yellow leds / each way for drive signal ON (optn.)

Connettore DIN flat (pin to pin) per ingresso da PLC
Input from PLC through DIN flat connector (pin to pin)

Morsettiere estraibili: per alimentazione e segnali
Plug-in terminals: for supply and signals

Custodia in materiale autoestinguente UL 94-V0
Selfextinguishing UL94-V0 case

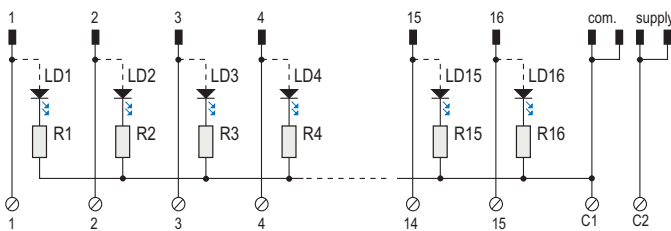
Esecuzione per aggancio su barra DIN / protezione IP20
DIN rail mounting / IP20 protection



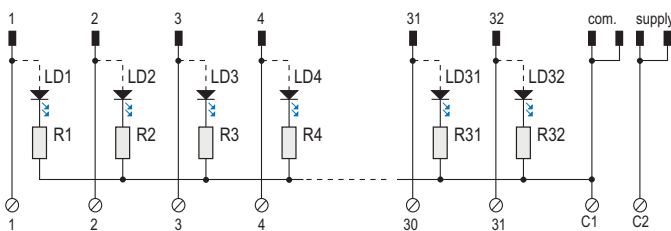
COME ORDINARE VEDERE PAGINE APPLICATIVE VARI PLC - HOW TO ORDER PLEASE SEE APPLICATION NOTES

SCHEMA ELETTRICO GENERALE / ELECTRIC DIAGRAM

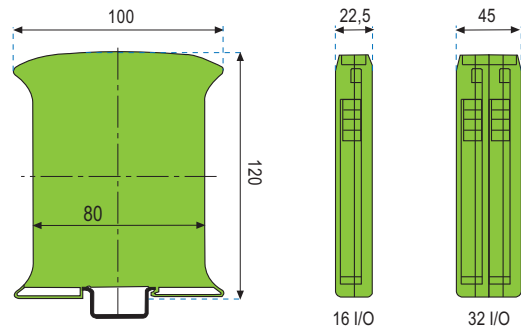
modulo 16 ingressi con o senza LED
16 inputs module with or without LEDs



modulo 32 ingressi con o senza LED
32 inputs module with or without LEDs



DIMENSIONI (mm) / DIMENSIONS (mm)



MODULI INGRESSO/USCITA DISPONIBILI PER PLC - AVAILABLE INPUT/OUTPUT MODULES FOR PLC

SIEMENS: S7/200-300-400

OMRON: CQM1 C200H

HITACHI: EH-150

TELEMECANIQUE: TSX MICRO-PREMIUM

SAIA BURGESS

NAIS MATSUSHITA: FP0/FP2

MITSUBISHI: FX2 nc

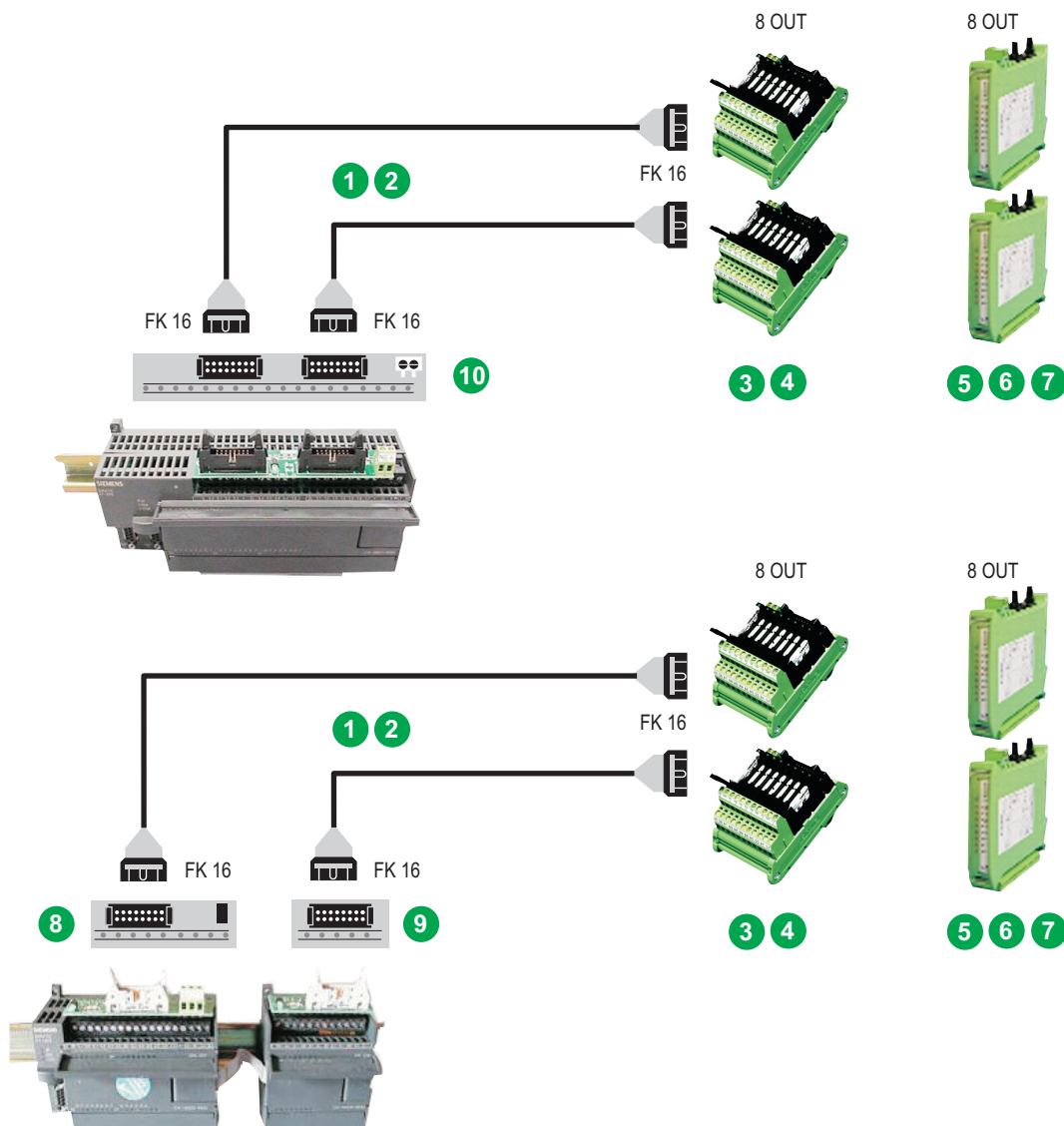
ALLEN - BRADLEY: SLC / PLC5 / CONTROL LOGIX

GE FANUC: PLC 9030

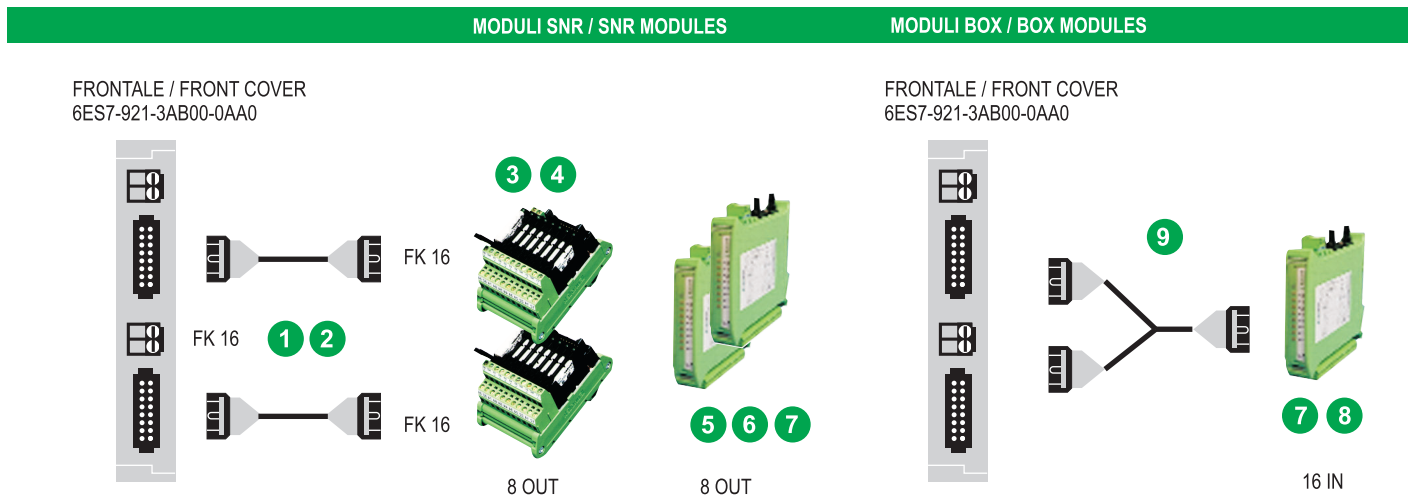
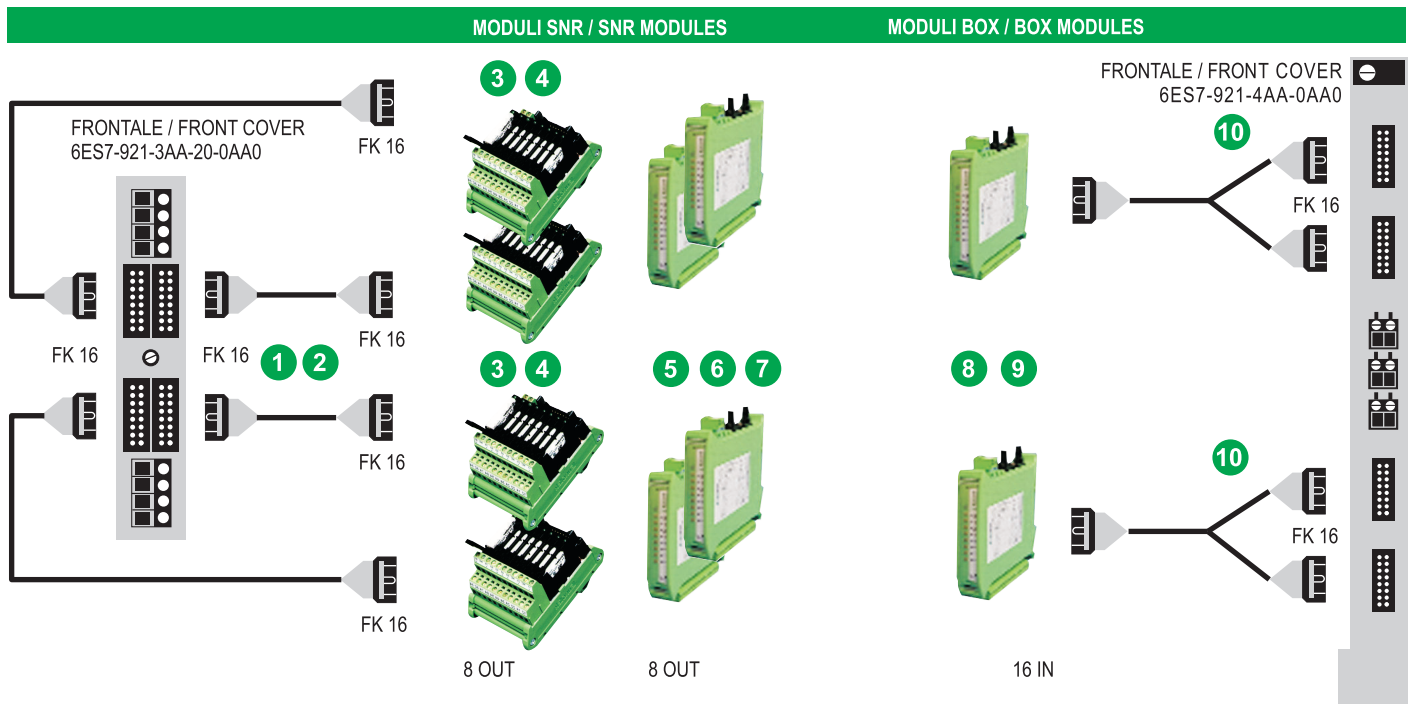
CN Power Mate IH

MODULI PER ALTRI PLC/CN DISPONIBILI A RICHIESTA

MODULES FOR OTHER PLC /CN AVAILABLE ON REQUEST



Sigla / part number	Cod.	N° vie/way	Descrizione / description
1 ET-FK16/...MT	9503	8 in/out	cavo piatto - pin to pin - ribbon cable
2 ET-FK16/PT/...MT	9553	8 in/out	cavo piatto tondo - pin to pin - round ribbon cable
3 ET-MRZ08/FK16/SC-NO/SNR/S7234/N	0779	8 out	modulo a relè estraibili - SNR - plug in relays module
4 ET-MSZ08/FK16/24/2/SNR/S7234	0773	8 out	modulo a relè statici estraibili - SNR - static plug in relays module
5 ET-MR08/NO/BX/N	0684	8 out	modulo BOX a relè saldati - BOX module with soldered relays
6 ET-MRZ08/NO/BX/N	0685	8 out	modulo BOX a relè estraibili - BOX module with plug in relays
7 ET-MR08/FK16-M/SC/BX/N	0680	8 out	modulo BOX a relè saldati, 8 USCITE IN SCAMBIO - BOX module with soldered relays, 8 SPDT out
8 ET-CPU/224/8/S72	0693	8	adattatore S7/200 CPU 224 - S7/200 CPU 224 adapter
9 ET-EM/223/6/S72	0694	8	adattatore S7/200 EM 223 espansione - S7/200 EM 223 exp. adapter
10 ET-CPU/226DC/16/S72	0692	16	adattatore S7200 CPU 226 - S7200 CPU 226 adapter



NOTA : ogni modulo da 16 I/O si collega a 2 cavi NOTE: each 16 ways module fits 2 cables

Sigla / part number	Cod.	N° vie/way	Descrizione / description
1 ET-FK16/...MT	9503	8 in/out	cavo piatto - pin to pin - ribbon cable
2 ET-FK16/PT/...MT	9553	8 in/out	cavo piatto tondo - pin to pin - round ribbon cable
3 ET-MRZ08/FK16/NO-SC/SNR/S7234/N	0779	8 out	modulo 8 relè estraibili SNR - 8 SNR plug in relays module
4 ET-MSZ08/FK16/48/2/SNR/S7234	0773	8 out	modulo 8 relè SNR statici da 2 A, estraibili - 8 SNR plug in solid state relays module
5 ET-MR08/NO/FK16/BX/N	0684	8 out	modulo 8 relè saldati - 8 soldered relays module
6 ET-MRZ08/NO/FK16/BX/N	0685	8 out	modulo 8 relè estraibili - 8 plug-in relays module
7 ET-MR08/FK16-M/SC/BX/N	0680	8 out	modulo BOX a relè saldati, 8 USCITE IN SCAMBIO - BOX module with soldered relays, 8 SPDT out
8 ET-MI16/FK34/S7234/BX	0695	8 + 8 in/out	modulo passivo - box - passive module
9 ET-MI16/FK34/L/S7234/BX	0696	8 + 8 in/out	modulo passivo con led - box - passive module with leds
10 ET-FK34/2FK16/PT/SB/...MT	9531	8 + 8 in	cavo piatto tondo dedicato - dedicated round ribbon cable

CJ1W ID-231



J 40



1



FK 40



32 IN

2 3

CJ1W ID-232



FK40



4



FK 40



32 IN

2 3

CJ1W ID-261



J 40



1

J 40



1



FK 40



32 IN

2 3



FK 40



32 IN

2 3

CJ1W ID-262



FK40



4

FK40



4



FK 40



32 IN

2 3



FK 40



32 IN

2 3

CJ1W OD-231



J 40



5



FK 20



16 OUT

16 OUT

6

6

CJ1W OD-232



FK 40



7



FK 20



16 OUT

16 OUT

8

8

NOTA:

- per i cavi COD.9700 - 9702 i connettori J40 a crimpare lato PLC ci devono essere forniti in contolavoro.
- i moduli COD.0812 sono per segnali negativi provenienti dal campo.

NOTA:

- J40 connector for P/N 9700 - 9702 should be supplied on by client.
- modules COD.0812 are for negative signals from field.

Sigla / part number	Cod.	N° vie/ways	Descrizione / description
1 ET/J40/FK40/PT/OMR-HTC/...MT	9702	32 I/O	cavo piatto tondo dedicato - 32 inputs - dedicated round ribbon cable
2 ET-MI32/FK40/OMR-HTC/BX	0811	32 I/O	modulo 32 ingressi - 32 inputs module
3 ET-MI32/FK40/L/OMR-HTC/BX	0812	32 I/O	modulo 32 ingressi con LED - 32 inputs module with LED
4 ET/FK40/FK40/PT/CJ1W/...MT	9727	32 inputs	cavo piatto tondo dedicato - 32 inputs - dedicated round ribbon cable
5 ET/J40/2FK20/PT/OMR-HTC/...MT	9700	32 outputs	cavo piatto tondo dedicato - 32 outputs - dedicated round ribbon cable
6 ET-MR16/24DC/SC-NO/FK20/OMR-HTC/BX/P	0800/P	16 outputs	modulo 16 uscite a comando negativo - 16 outputs module, negative command
7 ET/FK40/2FK20/PT/CJ1W/...MT	9728	32 outputs	cavo piatto tondo sdoppiato, dedicato - 32 outputs - splitted dedicated round ribbon cable
8 ET-MR16/24DC/SC-NO/FK20/OMR-HTC/BX/N	0800/N	16 outputs	modulo 16 uscite a comando positivo - 16 outputs module, positive command

INTERFACE MODULES & CABLES PLC OMRON CQM1-C200H

CQM1 ID-213
CQM1 ID-214



J 40



1



32 IN
2 3

CQM1 OD-213



J 40



4



16 OUT 16 OUT
5 5

CQM1 OD-216



J 40



6



16 OUT 16 OUT
7 7

NOTA:
 - per i cavi COD.8994 - 9700 - 9702 i connettori J40 a crimpare lato PLC ci devono essere forniti in contolavoro.
 - per i cavi COD.9701 - 9703 i connettori J24 a crimpare lato PLC ci devono essere forniti in contolavoro.
 - i moduli COD.0812 sono per segnali negativi provenienti dal campo.

NOTE:
 - J40 connector for P/N 8994 - 9700 - 9702 should be supplied on by client.
 - J24 connector for P/N 9701 - 9703 should be supplied on by client.
 - modules COD.0812 are for negative signals from field.

C200H ID-215



J 24 J 24



8



32 IN
2 3

C200H ID-216
C200H ID-218



J 40



1

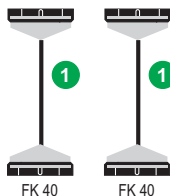


32 IN
2 3

C200H ID-217



J 40 J 40



1



32 IN 32 IN
2 3 2 3

C200H OD-215



J 24 J 24



9



16 OUT 16 OUT
5 5

C200H OD-218



J 40



4

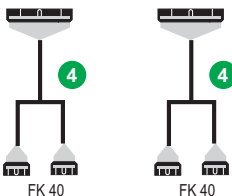


16 OUT 16 OUT
5 5

C200H OD-219



J 40 J 40



4

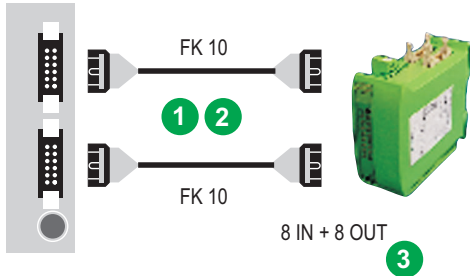


16 OUT 16 OUT 16 OUT 16 OUT
5 5 5 5

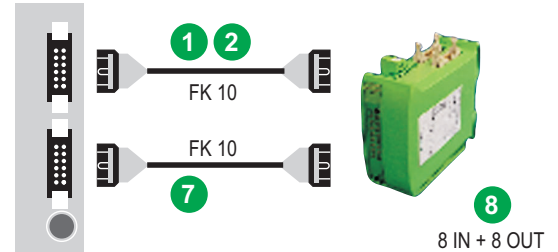
Sigla / part number	Cod.	N° vie/ways	Descrizione / description
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1	ET/J40/FK40/PT/OMR-HTC/...MT	9702	32 in cavo piatto tondo dedicato - 32 inputs - dedicated round ribbon cable
2	ET-MI32/FK40/OMR-HTC/BX	0811	32 in modulo 32 ingressi - 32 inputs module
3	ET-MI32/FK40/L/OMR-HTC/BX	0812	32 in modulo 32 ingressi con LED - 32 inputs module with LED
4	ET/J40/2FK20/PT/OMR-HTC/...MT	9700	32 out cavo piatto tondo dedicato - 32 outputs - dedicated round ribbon cable
5	ET-MR16/24DC/SC-NO/FK20/OMR-HTC/BX/P	0800/P	16 out modulo 16 uscite a comando negativo - 16 outputs module, negative command
6	ET/J40/2FK20/PT/CQM1-OD216/...MT	8994	32 out cavo piatto tondo dedicato - 32 outpust - dedicated round ribbon cable
7	ET-MR16/24DC/SC-NO/FK20/OMR-HTC/BX/N	0800/N	16 out modulo 16 uscite a comando positivo - 16 outputs module, positive command
8	ET/J24/FK40/PT/OMR-HTC/...MT	9703	32 out cavo piatto tondo dedicato - 32 outputs - dedicated round ribbon cable
9	ET/J24/FK20/PT/OMR-HTC/...MT	9701	16 out cavo piatto tondo dedicato - 16 outputs - dedicated round ribbon cable

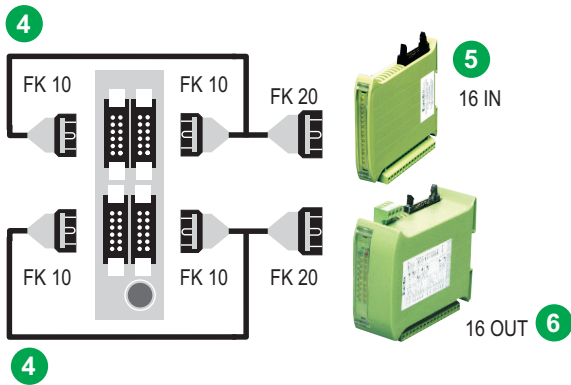
C16P - E16P 8 IN + 8 OUT



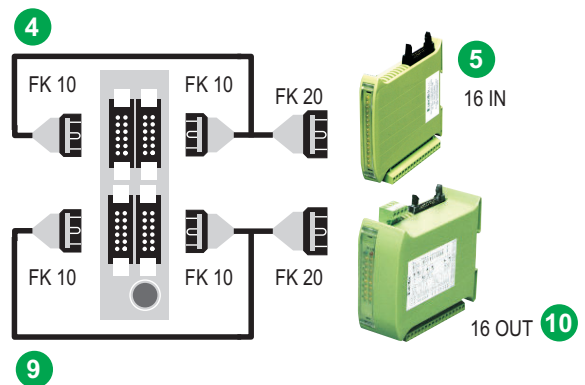
C16T - E16T 8 IN + 8 OUT



C32P - E32P 16 IN + 16 OUT

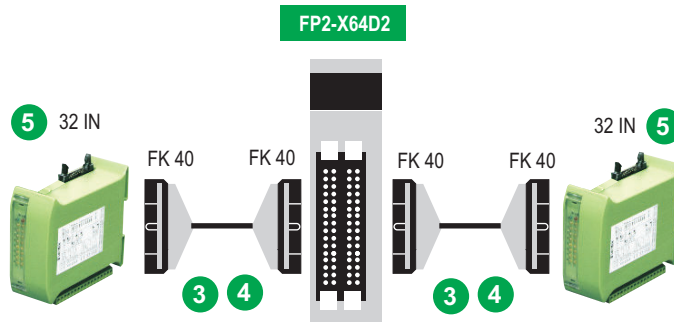
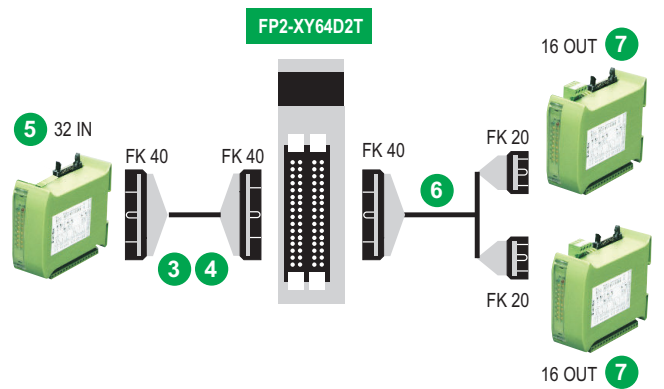
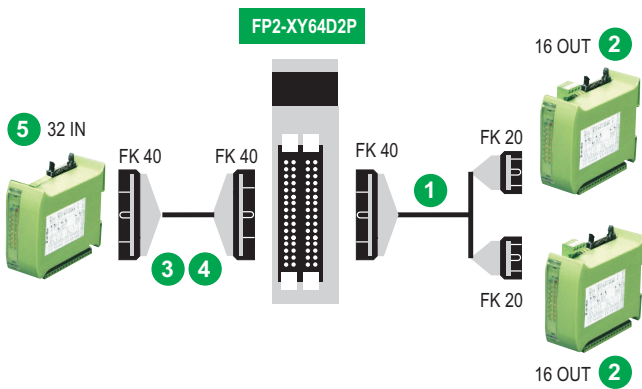
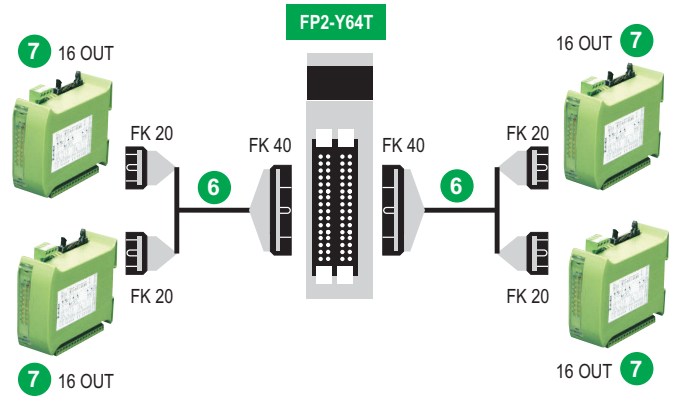
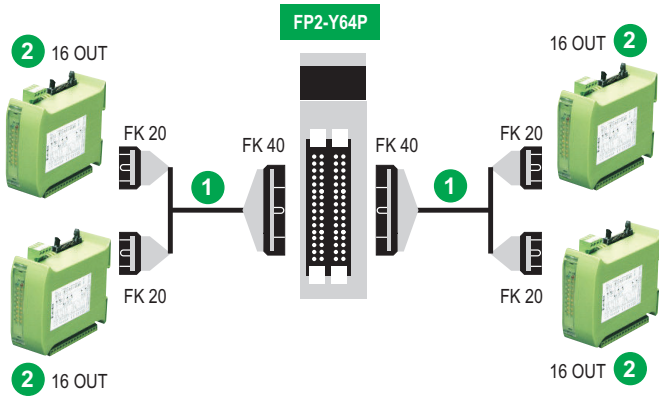


C32T - E32T 16 IN + 16 OUT

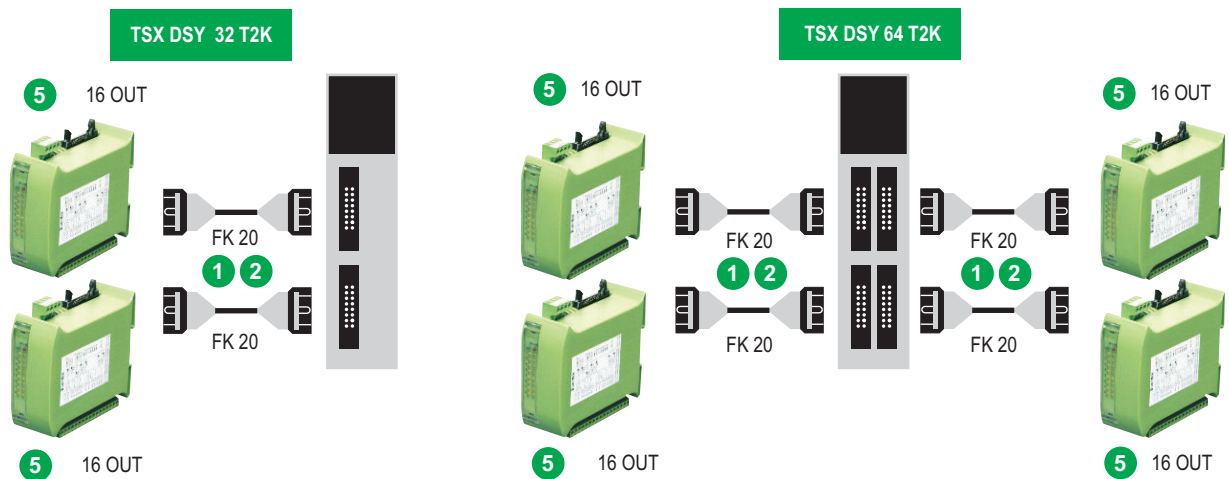
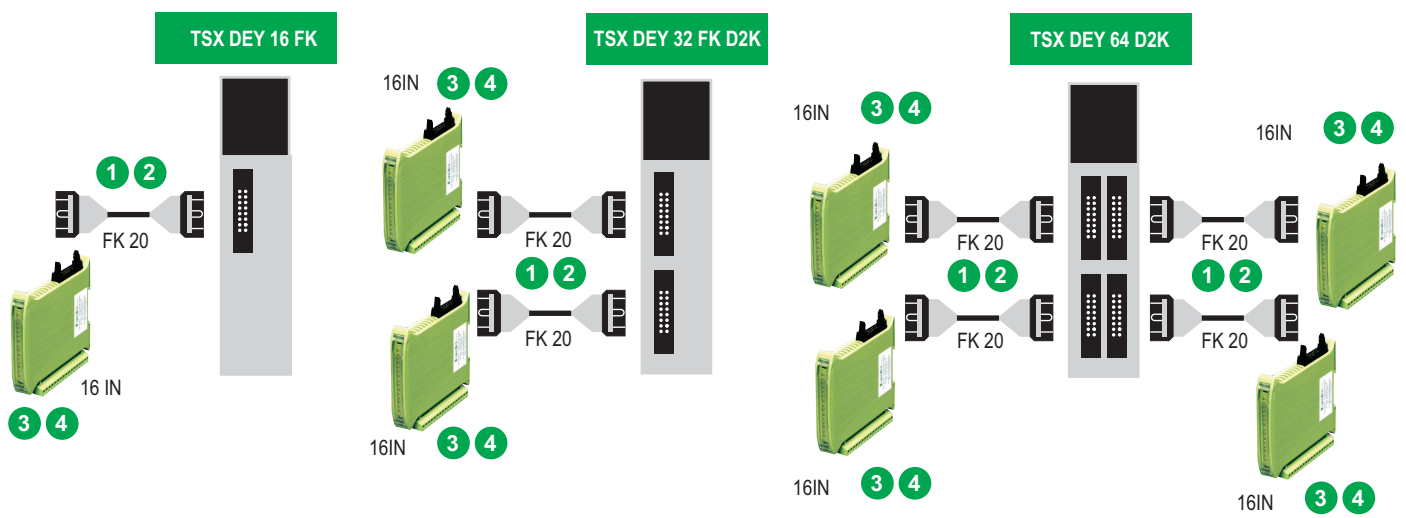
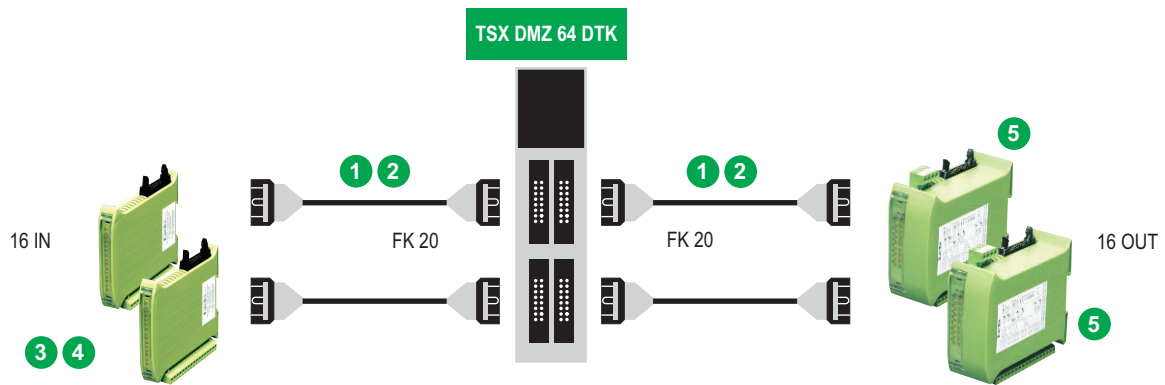


Sigla / part number	Cod.	N° vie/ways	Descrizione / description
1 ET-FK10/...MT	9501	8 in/out	cavo piatto - pin to pin - ribbon cable
2 ET-FK10/PT/...MT	9551	8 in/out	cavo piatto tondo-pin to pin - round ribbon cable
3 ET-MRI08/JW/2SK10/FP0/BX/N	0808	8 in + 8 out	cavo piatto sdoppiato-pin to pin - ribbon split cable
4 ET-FK20/2FK10/PT/...MT	9504/S	16 in/out	cavo piatto sdoppiato-pin to pin - round ribbon split cable
5 ET-MI16/FK20/FP0/BX	0817	16 inputs	modulo passivo - box - passive module
6 ET-MR16/24DC/NO-SC/FK20/FP0/BX/N	0791	16 outputs	modulo box 16 relè, comando positivo - 16 relays box module, positive command
7 ET/FK10/FK10/PT/C16T-E16T/...MT	9729	8 outputs	cavo piatto tondo dedicato - dedicated round ribbon cable
8 ET-MRI08/JW/2FK10/FP0/BX/P	0808/P	8 in + 8 out	cavo piatto sdoppiato - pin to pin - ribbon split cable
9 ET/FK20/2FK10/PT/C32T-E32T/...MT	9730	16 outputs	cavo piatto tondo sdoppiato dedicato - splitted dedicated round ribbon cable
10 ET-MR16/24DC/NO-SC/FK20/FP0/BX/P	0791/P	16 out	modulo box 16 relè, comando negativo - 16 relays box module, negative command

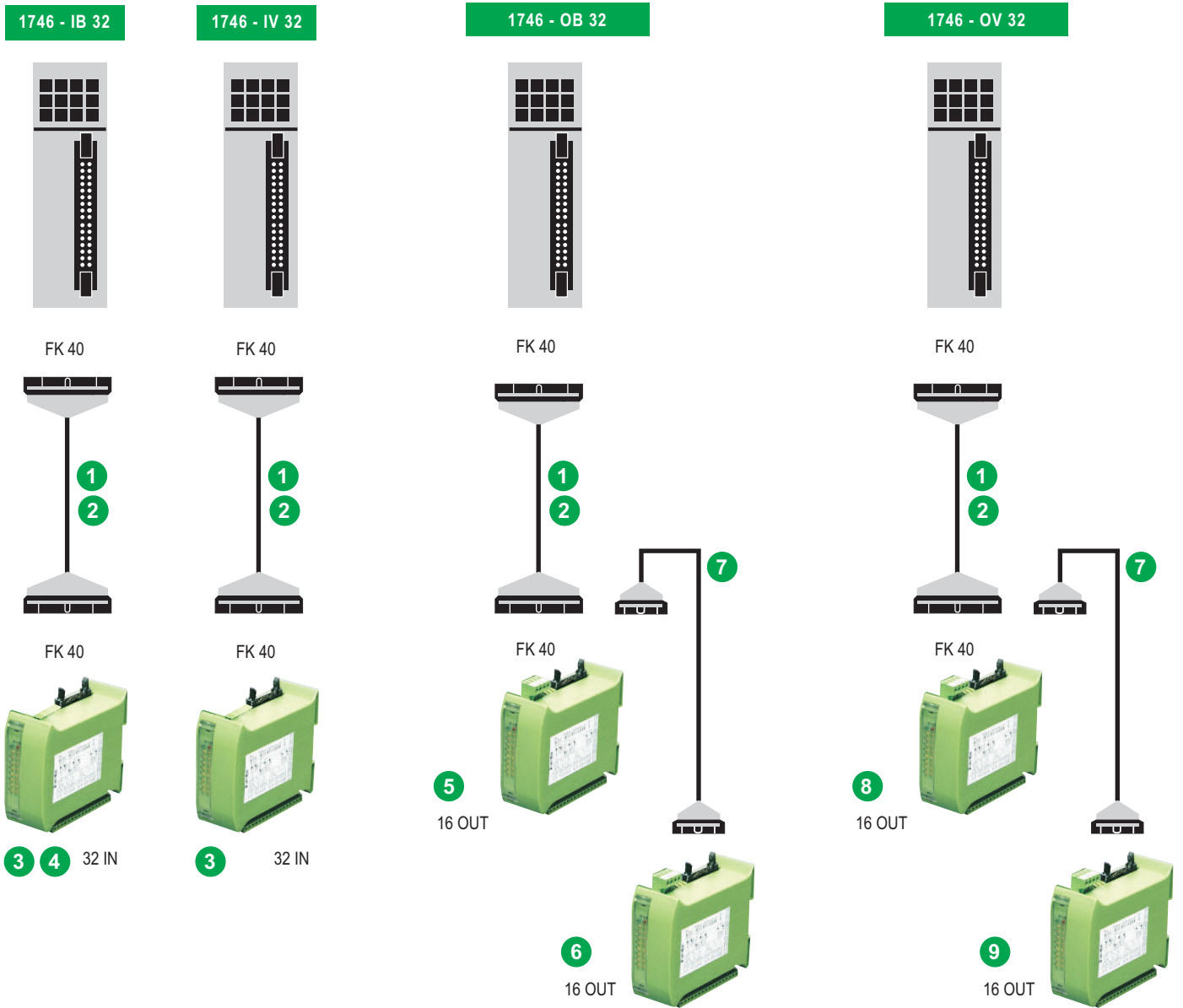
INTERFACE MODULES & CABLES FOR PLC NAIS MATSUSHITA FP2



Sigla / part number	Cod.	N° vie/ways	Descrizione / description
1 ET-FK40/2FK20/FP2Y64P/PT/...MT	8997	32 O	cavo piatto tondo sdoppiato dedicato - dedicated round ribbon split cable
2 ET/MR16/24DC/NO-SC/FK20/OMR-HTC/BX/N	0800/N	16 O	modulo box 16 relè a comando positivo -16 relays box module, positive command
3 ET-FK40/...MT	9510	32 I	cavo piatto - pin to pin - ribbon cable
4 ET-FK40/PT/...MT	9558	32 I	cavo piatto tondo - pin to pin - round ribbon cable
5 ET/MI32/FK40/FP/BX	0821	32 I	modulo box passivo 32 ingressi - 32 inputs passive box module
6 ET/FK40/2FK20/PT/...MT	9560/S	32 O	cavo piatto tondo sdoppiato - pin to pin - round ribbon split cable
7 ET/MR16/24DC/NO-SC/FK20/OMR-HTC/BX/P	0800/P	16 O	modulo box 16 relè a comando negativo -16 relays box module, negative command
8 ET/MI32/FK40/L/FP/BX	0822	32 I	modulo passivo box con led, per segnali positivi - passive box module with led for positive signals

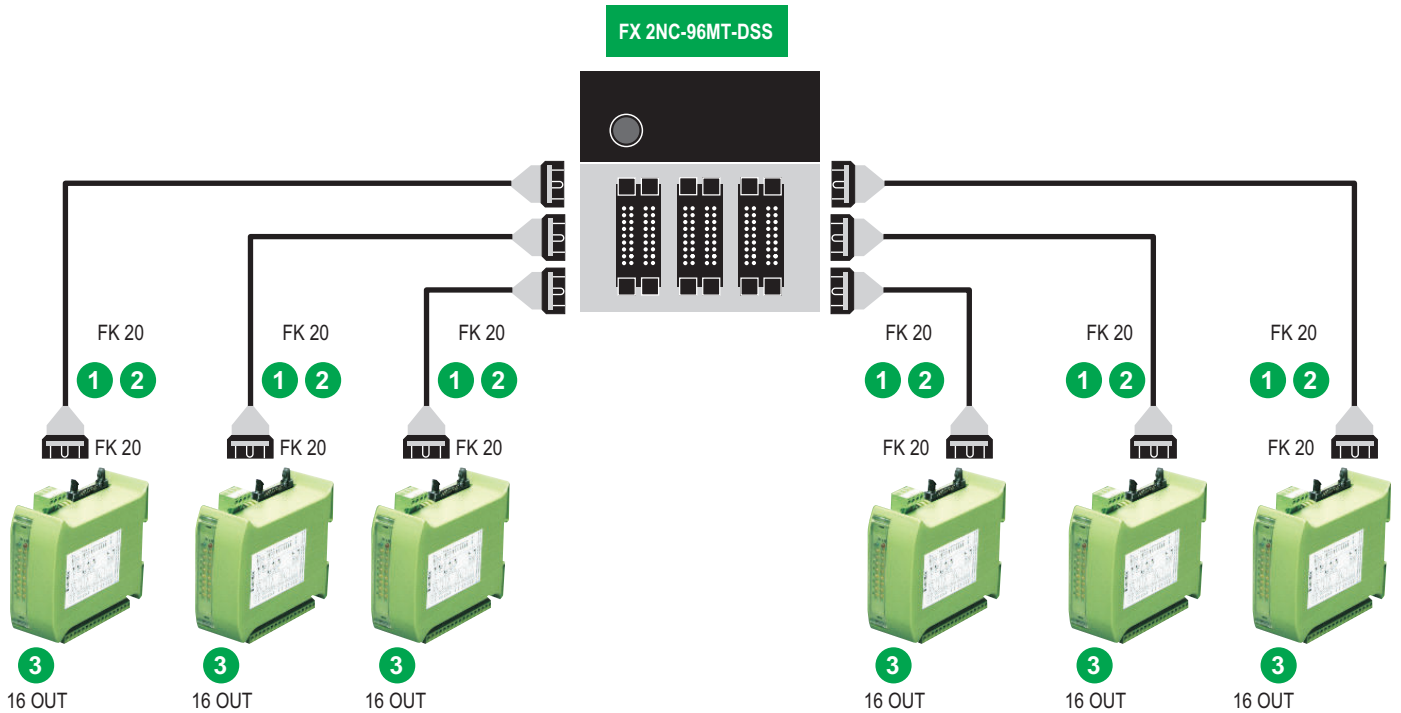


Sigla / part number	Cod.	N° vie/ways	Descrizione / description
1 ET/FK20/...MT	9504	16 in/out	cavo piatto - pin to pin - ribbon cable
2 ET/FK20/PT/...MT	9554	16 in/out	cavo piatto tondo - pin to pin - round ribbon cable
3 ET-MI16/FK20/TSX/BX	0814	16 in	modulo passivo - 16inputs - passive module
4 ET-MI16/FK20/L/TSX/BX	0815	16 in	modulo passivo con led - 16 inputs - passive module with LED
5 ET-MR16/NO-SC/FK20/TSX/BX/N	0794	16 out	modulo 8 uscite - 8 relay outputs module

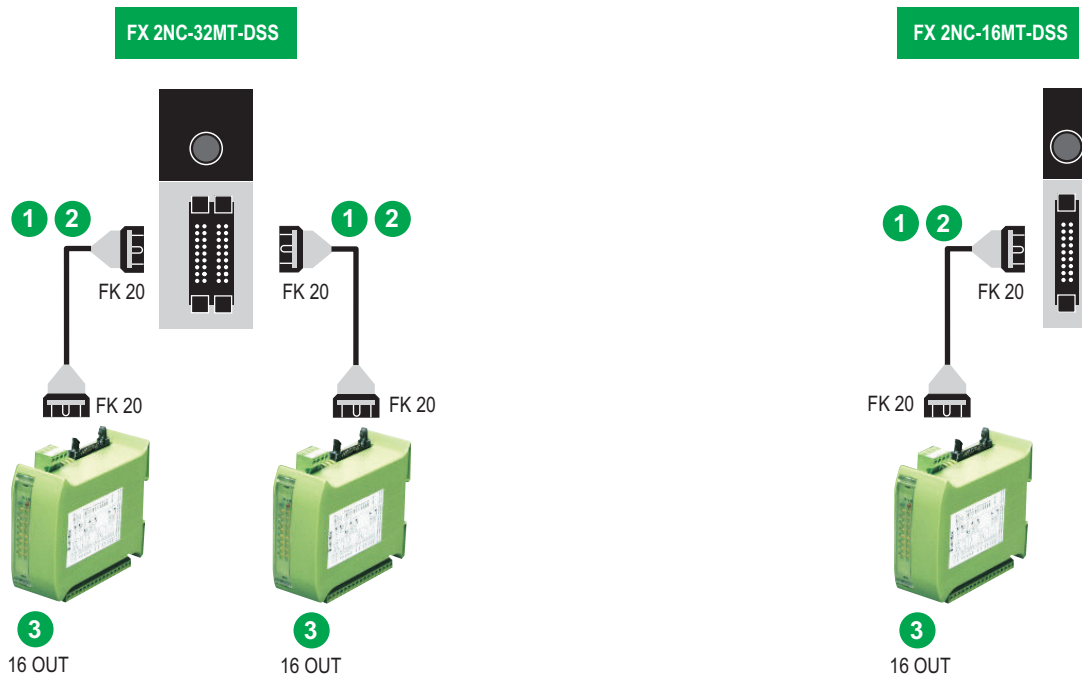


Sigla / part number	Cod.	N° vie/ways	Descrizione / description
1 ET/FK40/...MT	9510	32 in/out	cavo piatto - pin to pin - ribbon cable
2 ET/FK40/PT/...MT	9558	32 in/out	cavo piatto tondo - pin to pin - round ribbon cable
3 ET-MI32/FK40/AB/BX	0827	32 in	modulo passivo - box - passive module
4 ET-MI32/FK40/L/AB/BX	0828	32 in	modulo passivo con led - box - passive module with leds
5 ET-MR16/24DC/NO-SC/FK20/AB/BX/N	0807	out 0 - 15	modulo base 16 relè a comune negativo - negative common 16 relays base module
6 ET-MR16/SC-NO/FK20/TSX/BX/N	0794	out 16 - 31	modulo ampliamento 16 relè a comune negativo - negative common 16 relays extension module
7 ET/FK20/...MT	9504	16 out	cavo piatto fornito a corredo del modulo ampliamento - ribbon cable supplied with P/N 0794
8 ET-MR16/24DC/NO-SC/FK20/AB/BX/P	0807/P	out 0 - 15	modulo base 16 relè a comune positivo - positive common 16 relays base module
9 ET-MR16/SC-NO/FK20/TSX/BX/P	0794/P	out 16 - 31	modulo ampliamento 16 relè a comune positivo - positive common 16 relays extension module

UNITA' COMPATTE / COMPACT UNITS

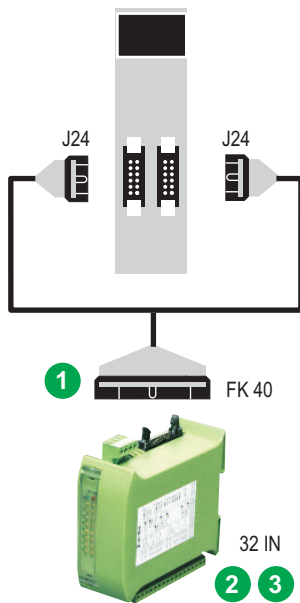


BLOCCHI DI ESPANSIONE / EXTENSION BLOCKS

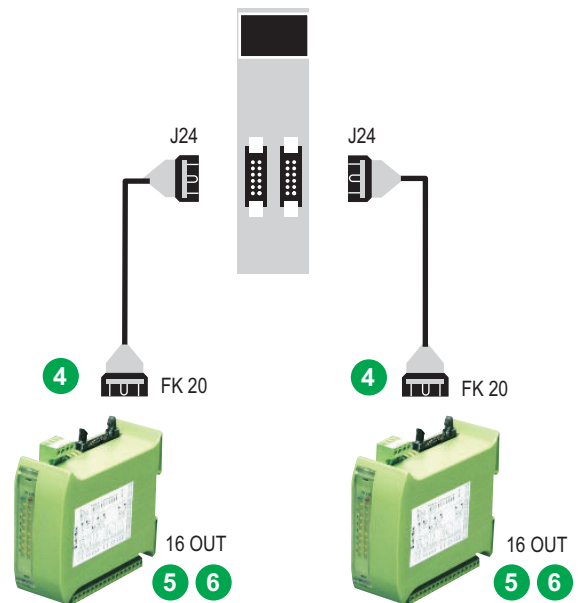


Sigla / part number	Cod.	N° vie/ways	Descrizione / description
1 ET/FK20/...MT	9504	16 out	cavo piatto - pin to pin - ribbon cable
2 ET/FK20/PT/...MT	9554	16 out	cavo piatto tondo - pin to pin - round ribbon cable
3 ET-MR16/24DC/NO-SC/FK20/FX2/BX/N	0797	16 out	modulo di uscita a 16 relè - 16 relay outputs module

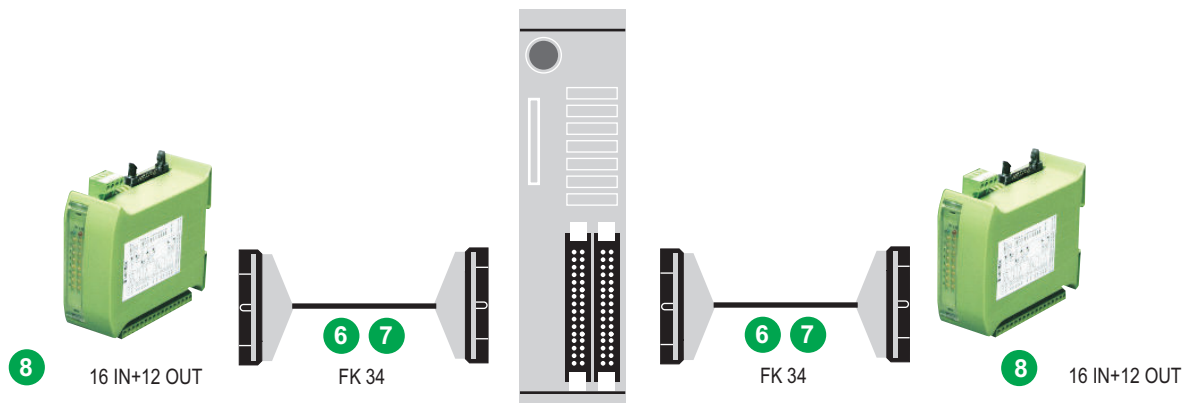
IC693MDL654 IC693MDL655



IC693MDL752 IC693MDL753



CN FANUC POWER MATE: SCHEDE CB128 - CB129



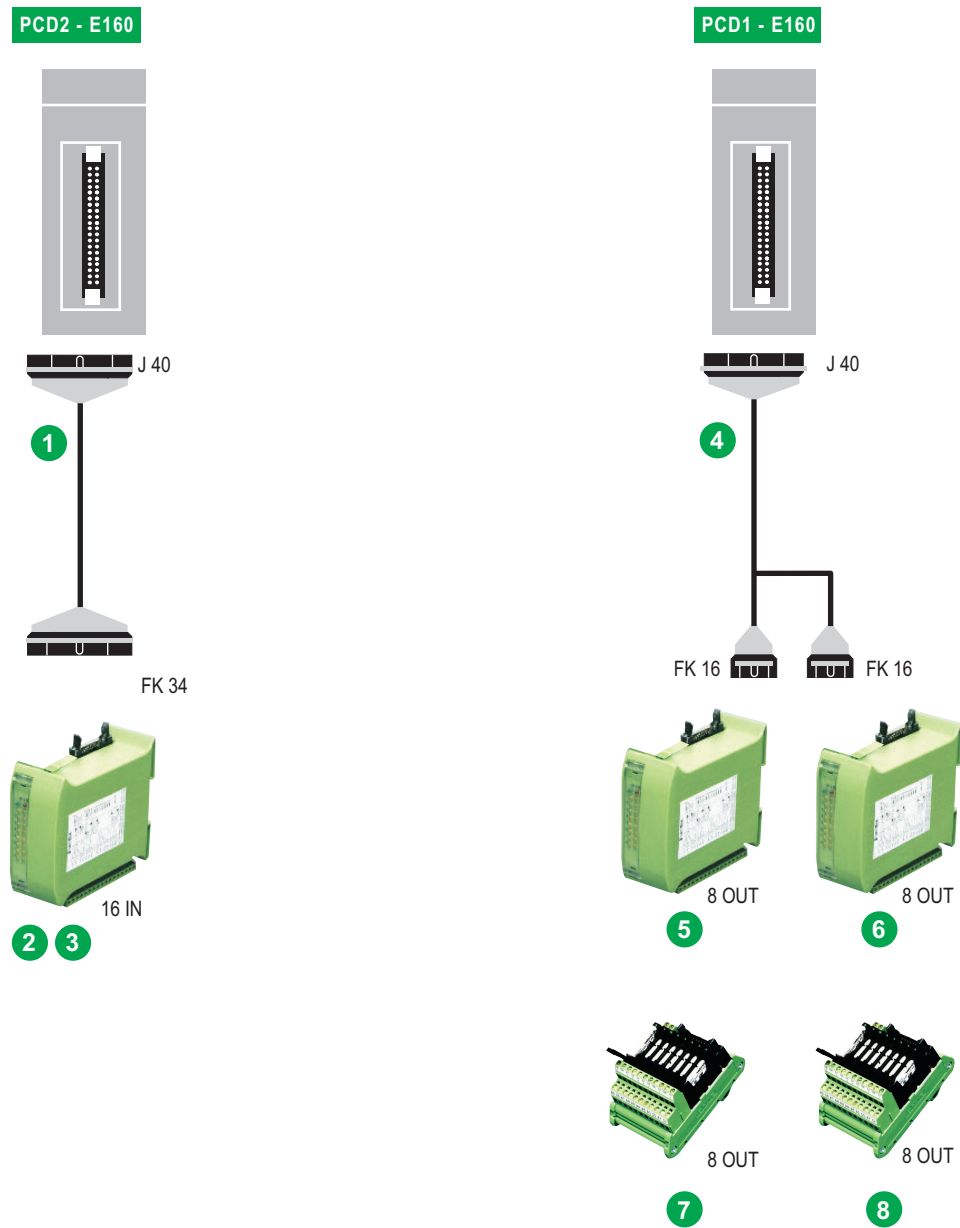
NOTA:

- per il cavo COD. 9703/GE i connettori J24 a crimpare lato PLC ci devono essere forniti in contolavoro.

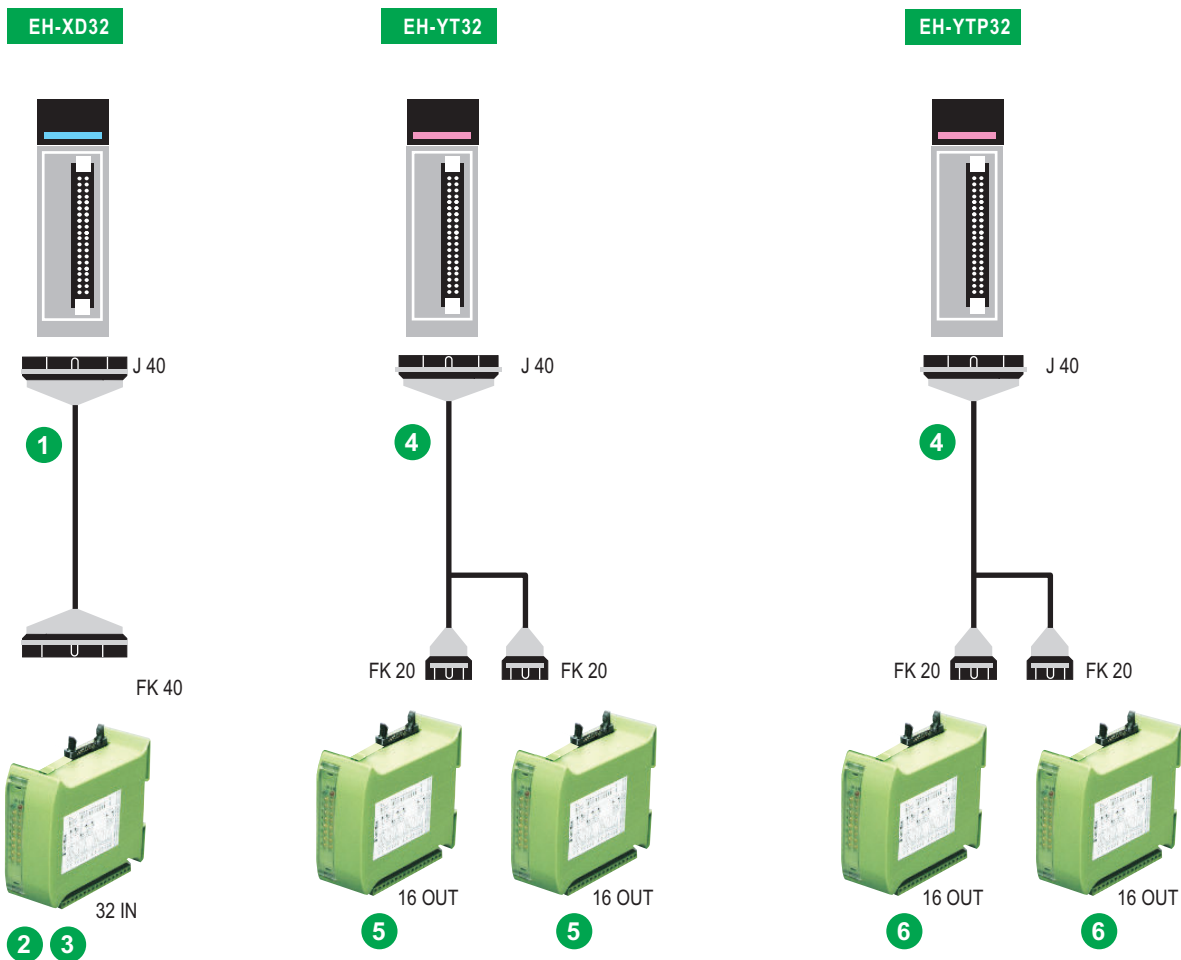
NOTE:

- J24 connector for P/N 9703/GE should be supplied on by client.

Sigla / part number	Cod.	N° vie/way	Descrizione / description
1 ET/2J24/FK40/PT/GE/...MT	9703/GE	16+ 16 in	cavo piatto tondo dedicato - dedicated round ribbon cable
2 ET/MI32/FK40/OMR-HTC/BX	0811	32 in	modulo passivo 32 ingressi - 32 inputs passive module
3 ET/MI32/FK40/L/OMR-HTC/BX	0812	32 in	modulo passivo 32 ingressi con LED - 32 inputs passive module with LED
4 ET/J24/FK20/PT/GE/...MT	9701/GE	16 out	modulo 16 uscite a relè - 16 relays outputs module
5 ET/MR16/24DC/NO-SC/FK20/OMR-HTC/BX/N	0800/N	16 out	modulo 16 uscite a relè, comando positivo - 16 relay outputs module, positive command



Sigla / part number	Cod.	N° vie/ways	Descrizione / description
1 ET/FK34/PT/...MT	9557	16 in/out	cavo piatto - pin to pin - ribbon cable
2 ET-MI16/FK34/S7234/BX	0695	8+8 in/out	modulo passivo - box - passive module
3 ET-MI16/FK34/L/S7234/BX	0696	8+8 in/out	modulo passivo con led - box - passive module with leds
4 ET/FK34/2FK16/PT/SB/...MT	9531	16 in	cavo piatto tondo dedicato - dedicated round ribbon cable
5 ET-MRZ08/FK16/SC-NO/SNR/S7234/N	0779	8 out	modulo 8 relè estribili SNR - 8 SNR plug in relays module
6 ET-MSZ08/FK16/60/3/SNR/S7234	0773	8 out	modulo 8 relè SNR statici da 3A, estribili - 8 SNR plug in solid state relays module
7 ET-MR08/NO/BX/N	0684	8 out	modulo 8 relè saldati - 8 soldered relays module
8 ET-MRZ08/NO/BX/N	0685	8 out	modulo 8 relè estribili - 8 plug in relays module



NOTA:
 - per i cavi COD. 9700 - 9702 i connettori J40 a saldare o a crimpare lato PLC ci devono essere forniti in contolavoro.

NOTA:
 - J40 connector for P/N 9700 - 9702 should be supplied on by client.

Sigla / part number	Cod.	N° vie/ways	Descrizione / description
1 ET/J40/FK40/PT/OMR-HTC/...MT	9702	32 in	cavo piatto tondo dedicato - dedicated round ribbon cable
2 ET-MI32/FK40/OMR-HTC/BX	0811	32 in	modulo passivo - box - passive module
3 ET-MI32/FK40/L/OMR-HTC/BX	0812	32 in/out	modulo passivo con LED - box - passive module with LED
4 ET/J40/2FK20/PT/OMR-HTC/...MT	9700	32 out	cavo piatto tondo dedicato - dedicated round ribbon cable
5 ET/MR16/24DC/SC-NO/FK20/OMR-HTC/BX/P	0800/P	16 out	modulo 16 relè a comando negativo - box - 16 relays module, negative command
6 ET/MR16/24DC/SC-NO/FK20/OMR-HTC/BX/N	0800/N	16 out	modulo 16 relè a comando positivo - box - 16 relays module, positive command



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