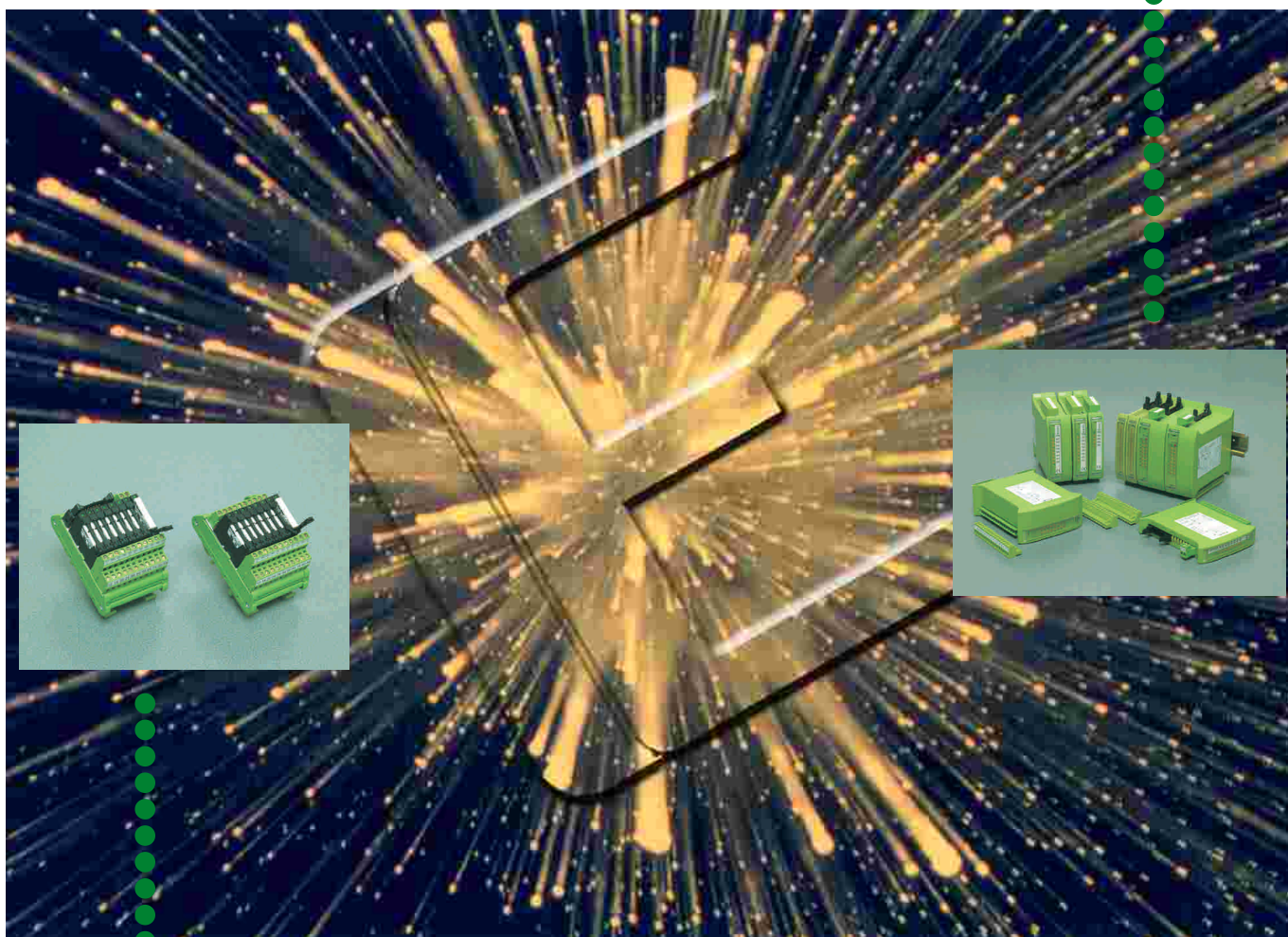


MODULI COMPATTI BX/SNR



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 - INDEX

MODULI INTERFACCIA RELE' SNR SNR RELAY INTERFACE MODULES	P. 4 - 7
MODULI COMPATTI D'INTERFACCIA COMPACT BOX MODULES	P. 8 - 11
NOTE APPLICATIVE APPLICATIONS NOTES:	
SIEMENS PLC S7200	P. 12
SIEMENS PLC 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
SAIA BURGESS PLC PCD1 - PCD2	P. 22
HITACHI PLC EH-150	P. 23

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

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

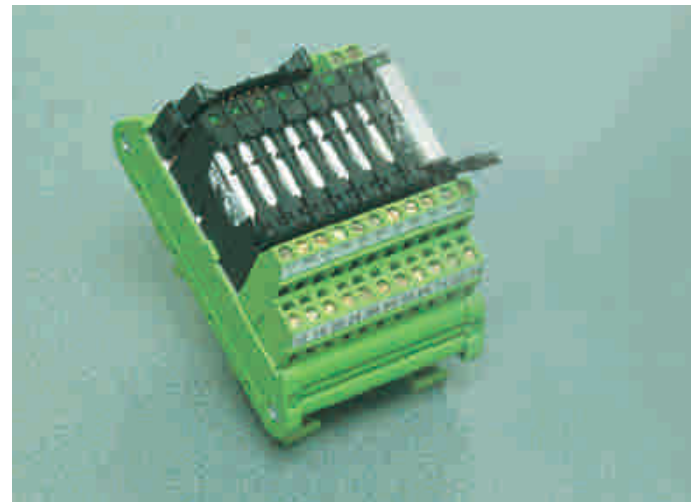
Interfaccia con relè tipo SNR, in versione elettromeccanica o statica. Soluzioni con connessioni ingresso/uscita su morsettiere serrafilo oppure ingresso su connettore FK (flat) e uscita su morsetti serrafilo. L'utilizzo di questi moduli garantisce un notevole risparmio di spazio e di tempo per cablaggio/collaudò/ricerca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

SNR relay modules, 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" a p.7)
 Single relay drive signal Vdc or Vac/dc (please see page 7 "how to order")

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

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

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

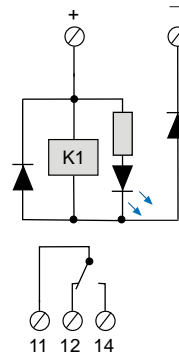
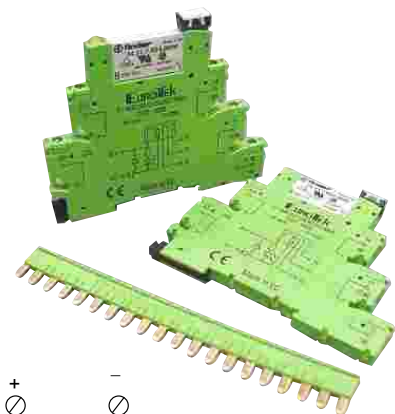
Led verdi: relè eccitato/canale e presenza alimentazione
 Green leds: relay ON/each way and supply ON

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

Supporto in materiale autoestinguente UL 94-V0
 Selfextinguishing UL 94-V0 support

Aggancio per barra DIN
 DIN rail mounting

MODULO MONO RELE'
SINGLE RELAY MODULE



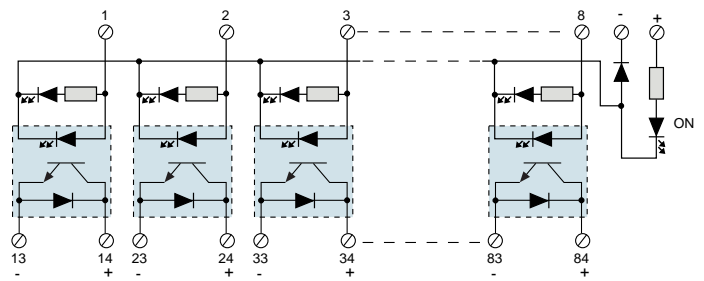
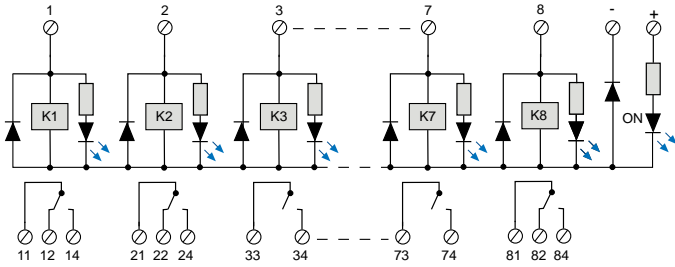
MODULO RELE' ELETTROMECCANICO ELECTROMECHANICAL RELAY MODULE	MONORELE' / SINGLE RELAY	8 RELE' / 8 RELAYS
Segnale di comando Control signal	12-24-48-60-110-230 Vac/dc	24 Vdc
Corrente/tensione nominale contatti Nominal rated current/voltage on contacts	6A/250 V	
Portata nominale contatti in AC1 AC1 nominal 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 No limits	

**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 No limits

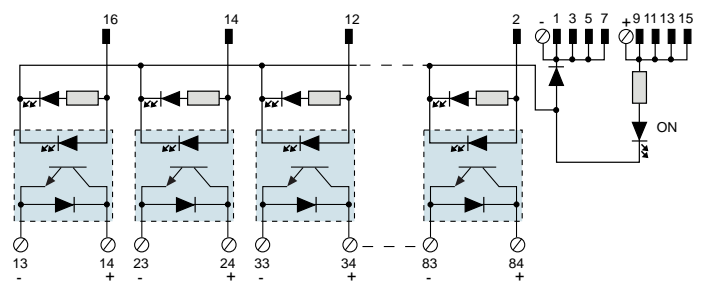
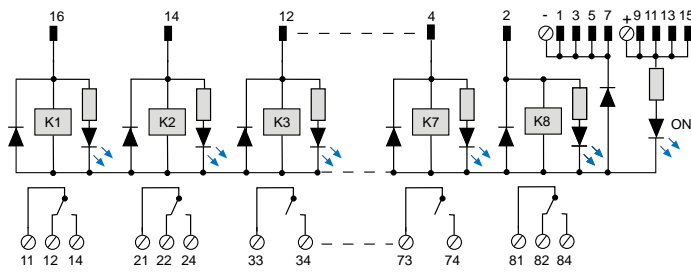
**MODULO 8 RELE' MORSETTO MORSETTO
8 RELAYS MODULE WITH SCREW TERMINALS FOR INPUTS AND OUTPUTS**

**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**

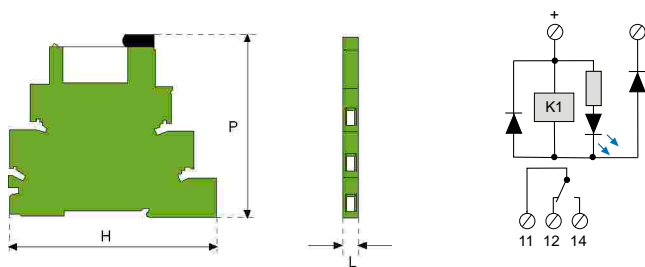
**MODULO 8 RELE' STATICI CONNETTORE - MORSETTI
8 SSRs MODULE, CONNECTOR - SCREW TERMINALS**



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.

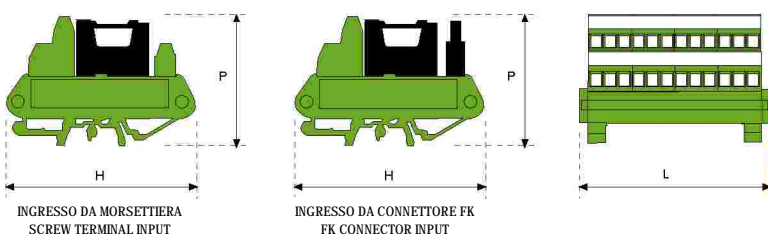
DIMENSIONI MODULI A RELE' SNR / SNR RELAY MODULES DIMENSIONS

MONORELE' SLIM / SLIM SINGLE RELAY



Sigla Part number	Codice Code	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

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



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/FK16/24/2/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-MSZ01/24DC/24DC/2A/SNR	1115	24Vdc	Relè statico 2A 24Vcc - Solid state relay 2A 24Vdc
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

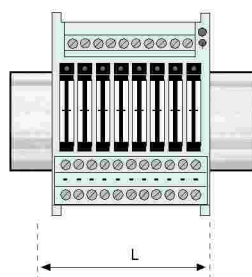
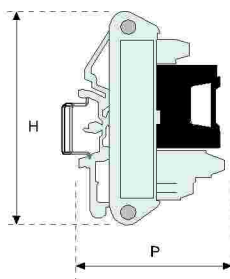
8 relè connettore morsetto / 8 relays connector screw term

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/FK16/24/2/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.

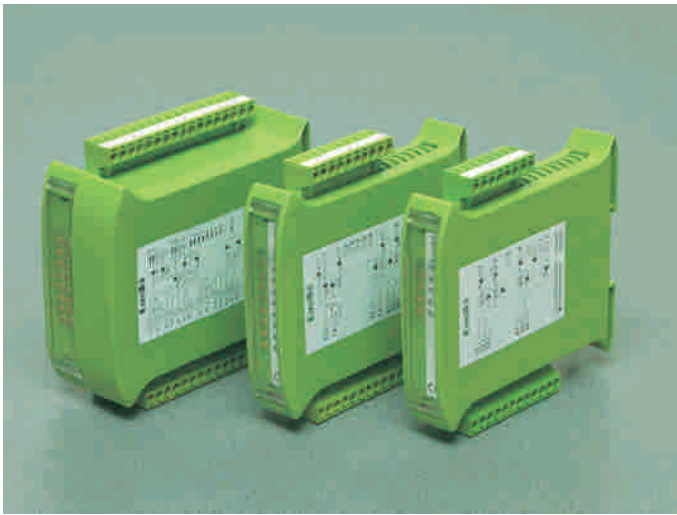
VISTA DI MONTAGGIO SU BARRA DIN / DIN RAIL MOUNTING VIEW



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

Moduli di interfaccia a relè elettromeccanici in contenitori compatti. Disponibili in versione con morsetti estraibili per ingresso/uscita e in versione con connettore in ingresso per collegamento diretto a più diffusi PLC. 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 box interface modules with electromechanical relays. Available with pluggable terminals for both input/output and with FK connector in input for quick connection to the most popular PLCs. The box modules allow an excellent space saving with an aesthetically pleasant solution. Moreover offer wiring/test/troubleshoot time saving and reduce wiring mistakes.

MODULI D'INTERFACCIA 4/8/16 RELE' - MORSETTO/MORSETTO
4/8/16 RELAYS INTERFACE MODULES - SCREW TERMINALS
MODULI COMPATTI 8/16 RELE' - CONNETTORE/MORSETTO
8/16 RELAYS BOX MODULES - TERMINAL/CONNECTOR


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

Segnale di comando 24 Vcc (comune negativo)
 24 Vdc drive signal (negative common)

Relè elettromeccanici saldati o zoccolati, portata contatti: 8A @ 250V
 Electromechanical soldered or pluggable relays, rated current: 8A @ 250V

Led frontali gialli relè eccitato/canale, verde presenza alimentazione
 Front side yellow leds relay ON/each way, green supply ON

Alto isolamento ingresso/uscita (>2500V)
 High input/output insulation (>2500V)

Diodo in antiparallelo
 Antiparallel diode

Morsettiere estraibili per ingressi/uscite
 versione con connettore in ingresso per collegamento diretto a PLC
 Pluggable terminals for both input and output
 modules with input connector for direct connection to PLCs

Ingressi lato superiore / uscite lato inferiore
 Input upper side / output lower side

Custodia autoestinguente UL 94-VO
 Selfextinguishing UL 94-VO case

Aggancio per barra DIN
 DIN rail mounting

Protezione IP 20
 IP 20 protection

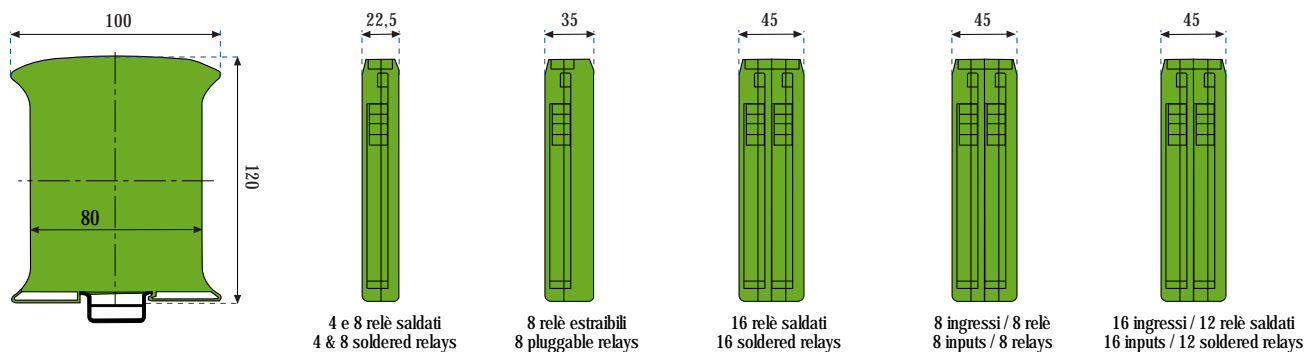
COME ORDINARE MODULI D'INTERFACCIA 4 / 8 / 16 RELE' - MORSETTO/MORSETTO
HOW TO ORDER 4 / 8 / 16 RELAYS INTERFACE MODULES - SCREW TERMINALS

Sigla / part number	Cod.	N° vie/ways	Descrizione / description
ET-MR04/SC/BX/N	0690	4 outs	4 relè saldati / 4 soldered relays
ET-MR08/NO/BX/N	0687	8 outs	8 relè saldati / 8 soldered relays
ET-MR16/24/SC-NO/N/BX	0788	16 outs	16 relè saldati / 16 soldered relays
ET-MRZ04/SC/BX/N	0691	4 outs	4 relè estraibili / 4 pluggable relays
ET-MRZ08/NO/BX/N	0686	8 outs	8 relè estraibili / 8 pluggable relays

MODULI A RELE' ELETTROMECCANICI / ELECTROMECHANICAL RELAY MODULES

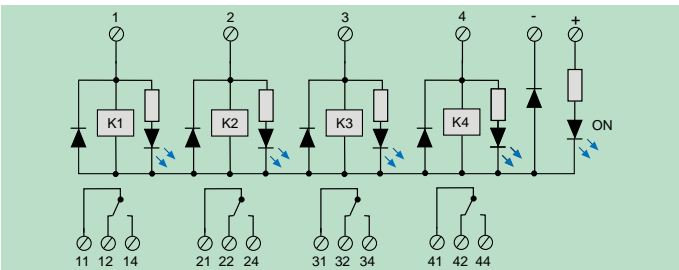
Segnale di comando Control signal	24 Vdc
Corrente/tensione nominale sui contatti Nominal rated current/voltage on contacts	8 A/250 V
Portata nominale contatti in AC1 AC1 nominal rated on contact	2500 VA
Portata nominale contatti in AC15 AC15 nominal rated on contact	500 VA
Carico minimo commutabile Minimum 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
Rigidità dielettrica: bobina/contatti Dielectric strength: coil/contacts	4000Vac (8 mm)
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

DIMENSIONI MODULI / MODULE DIMENSIONS

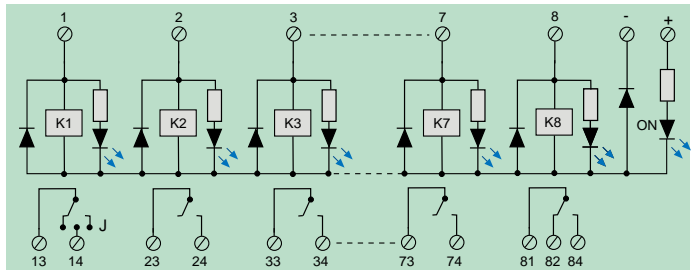


Sigla Part number	Codice Code	L / W mm	P / D mm	H mm
ET-MR04/SC/BX/N	0690	22,5	120	100
ET-MR08/NO/BX/N	0687	22,5	120	100
ET-MR16/24/SC-NO/N/BX	0788	45	120	100
ET-MRZ04/SC/BX/N	0691	35	120	100
ET-MRZ08/NO/BX/N	0686	35	120	100

MODULO 4 RELE' MORSETTO MORSETTO
4 RELAYS MODULE WITH SCREW TERMINALS FOR INPUTS AND OUTPUTS

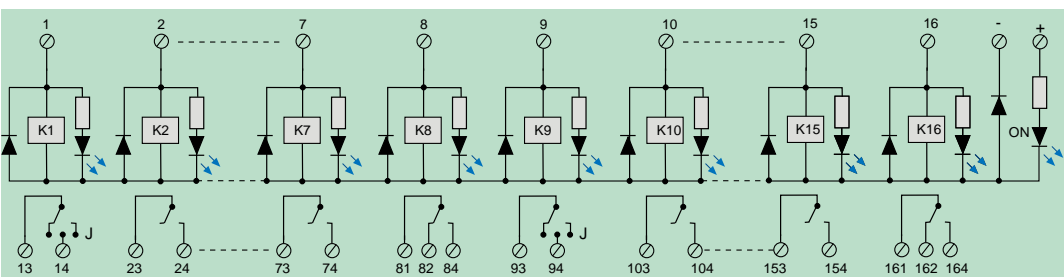


MODULO 8 RELE' MORSETTO MORSETTO
8 RELAYS MODULE WITH SCREW TERMINALS FOR INPUTS AND OUTPUTS



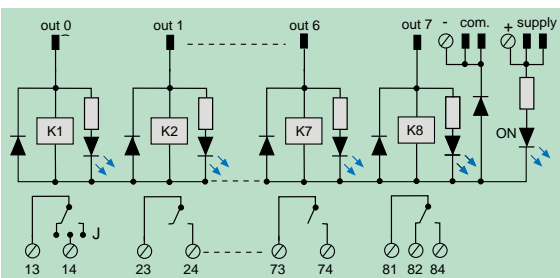
J = ponticello per selezione NA / NC presente solo su K1.
 J = jumper only on K1 for NO / NC selection.

MODULO 16 RELE' MORSETTO MORSETTO
16 RELAYS MODULE WITH SCREW TERMINALS FOR INPUTS AND OUTPUTS

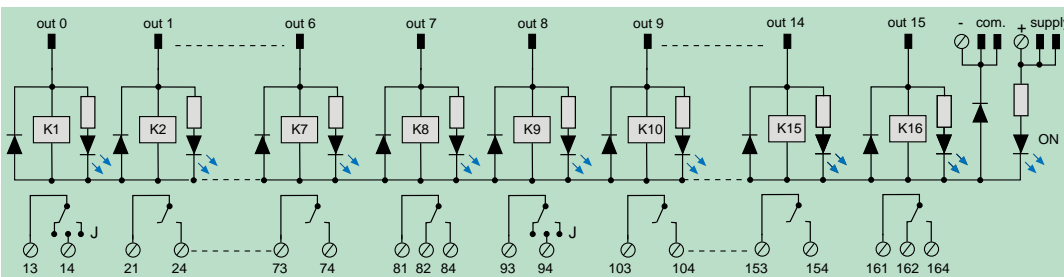


J = ponticelli per selezione NA / NC presente solo su K1 e su K9.
 J = jumpers only on K1 and K9 for NO / NC selection.

MODULI 8 E 16 RELE' CONNETTORE - MORSETTI
8 AND 16 RELAYS MODULES, CONNECTOR - SCREW TERMINALS



J = ponticello per selezione NA / NC presente solo su K1.
 J = jumper only on K1 for NO / NC selection.



J = ponticelli per selezione NA / NC presente solo su K1 e K9.
 J = jumpers only on K1 and K9 for NO / NC selection.

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/colloquio ricerca guasti e le possibilità di errore.

Compact passive modules box for quick connection to the most popular PLCs, input through DIN flat connectors (pin to pin), pluggable 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
Pluggable 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

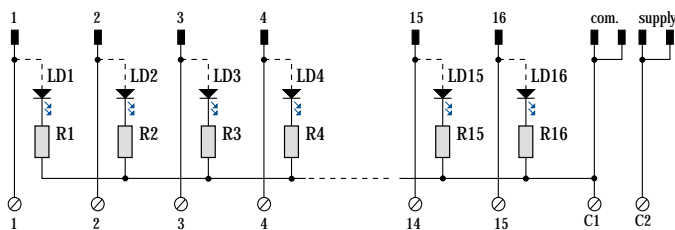


PER I CODICI DI ORDINAZIONE VEDERE PAGINE APPLICATIVE VARI PLC - FOR ORDERING CODES PLEASE SEE APPLICATION NOTES

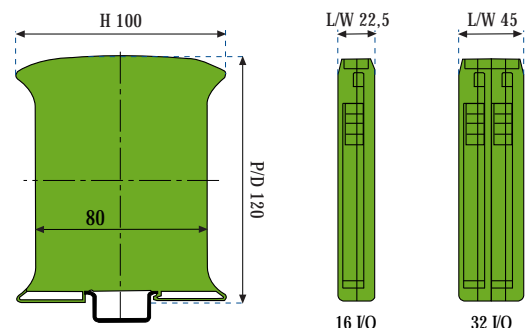
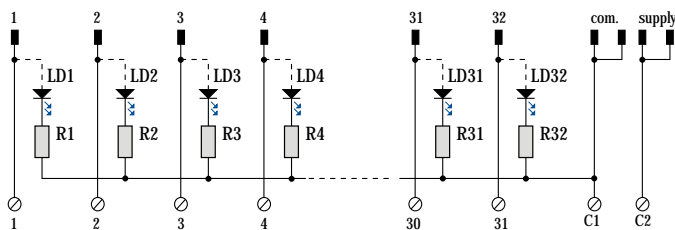
SCHEMA ELETTRICO GENERALE / ELECTRIC DIAGRAM

DIMENSIONI (mm) / DIMENSIONS (mm)

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



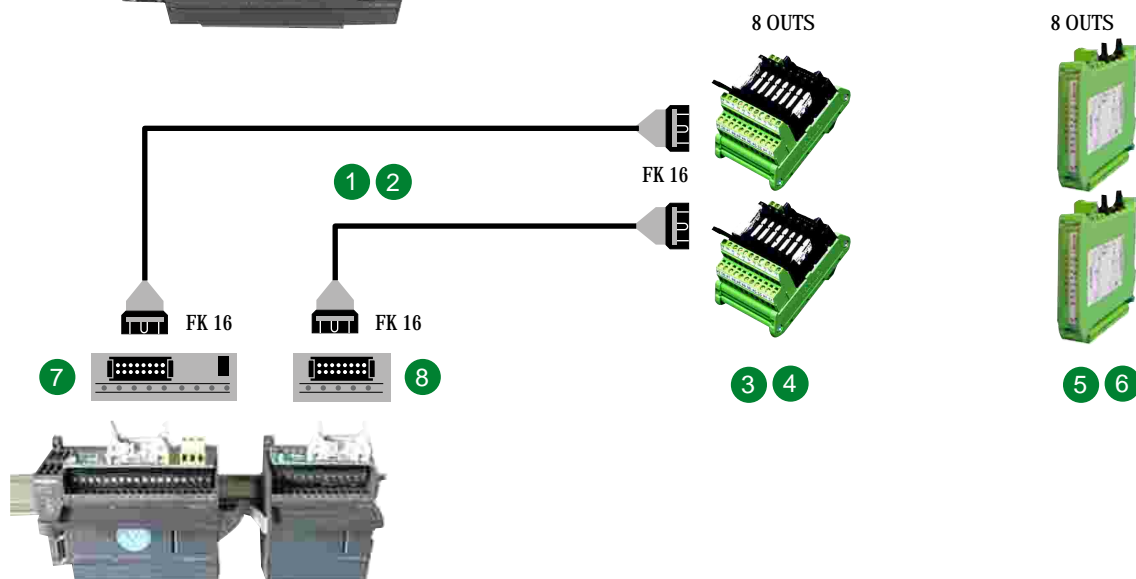
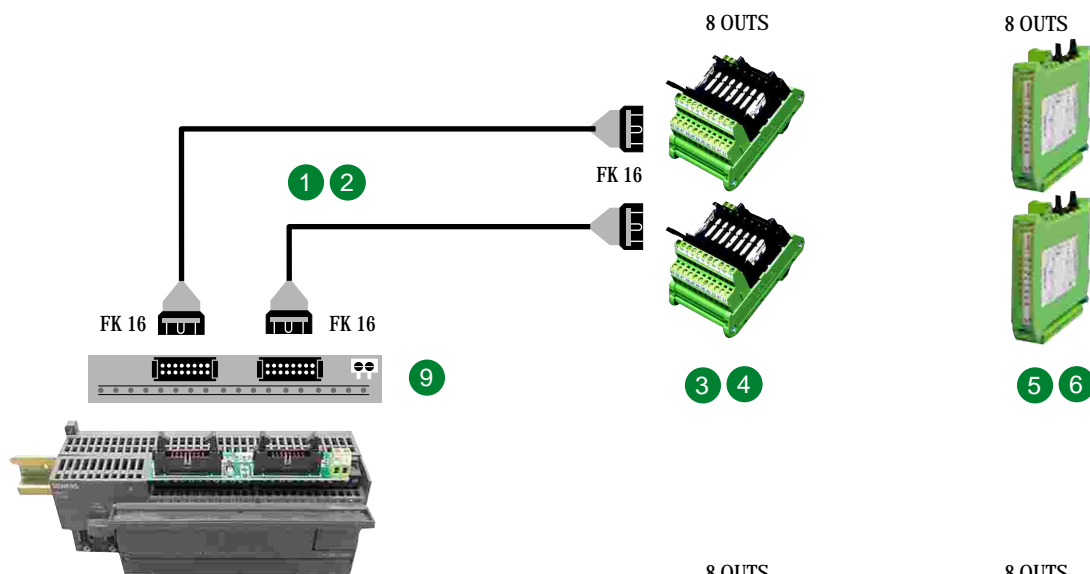
MODULI INGRESSO/USCITA DISPONIBILI PER PLC - AVAILABLE INPUT/OUTPUT MODULES FOR PLC

SIEMENS: S7/ 300-400	P. 13
OMRON: CJ1W CQM1 C200H	P. 14 - 15
NAIS MATSUSHITA: FP0/FP2	P. 16 - 17
TELEMECANIQUE: TSX MICRO-PREMIUM	P. 18
ALLEN - BRADLEY: SLC / PLC5 / CONTROL LOGIX	P. 19

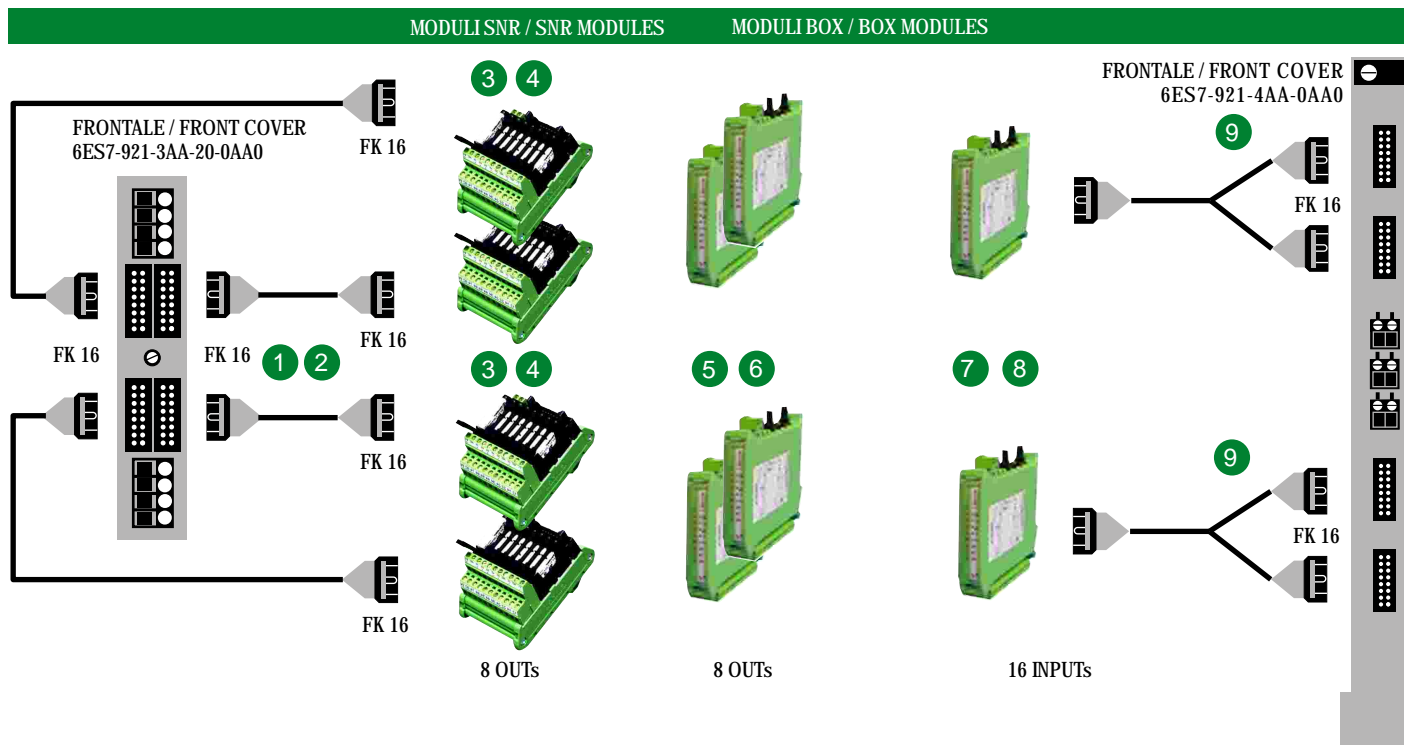
MITSUBISHI: FX2 nc	P. 20
GE FANUC: PLC 9030 CN Power Mate IH	P. 21
SAIA BURGESS	P. 22
HITACHI EH 150	P. 23

MODULI PER ALTRI PLC/CN DISPONIBILI A RICHIESTA

MODULES FOR OTHER PLC/CN AVAILABLE ON REQUEST

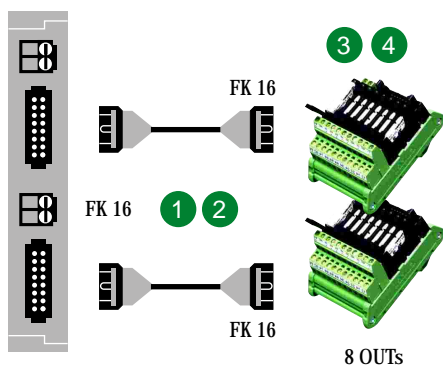


Sigla / part number	Cod.	N° vie/ways	Descrizione / description
1 ET-FK16/...MT	9503	8 I/O	cavo piatto - pin to pin - ribbon cable
2 ET-FK16/PT/...MT	9553	8 I/O	cavo piatto tondo - pin to pin - round ribbon cable
3 ET-MRZ08/FK16/SC-NO/SNR/S7234/N	0779	8 outs	modulo a relè estraibili - SNR - pluggable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

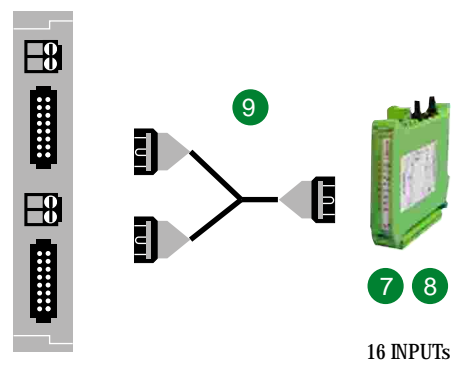


MODULI SNR / SNR MODULES MODULI BOX / BOX MODULES MODULI BOX / BOX MODULES

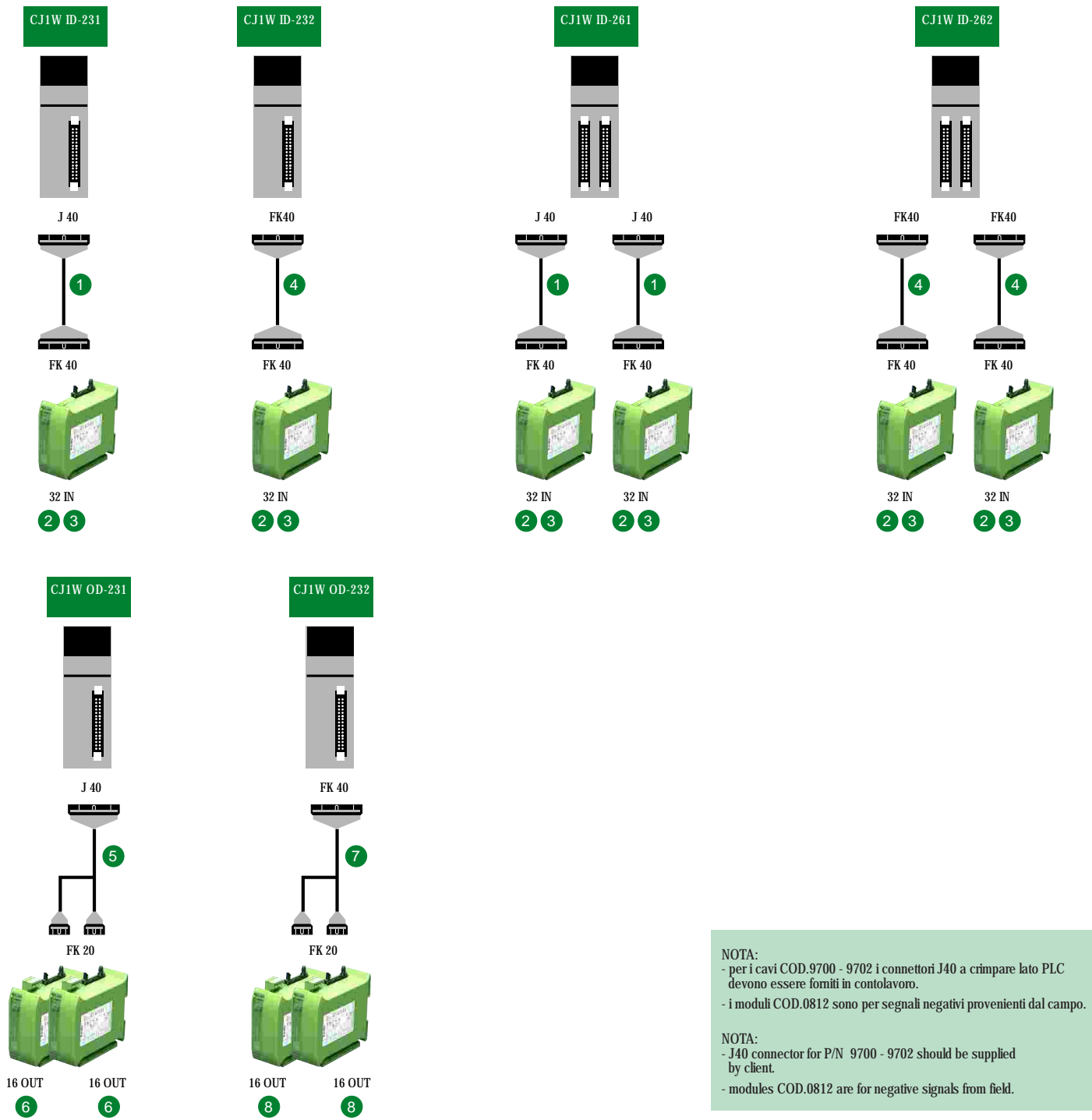
FRONTALE / FRONT COVER
6ES7-921-3AB00-0AA0



FRONTALE / FRONT COVER
6ES7-921-3AB00-0AA0

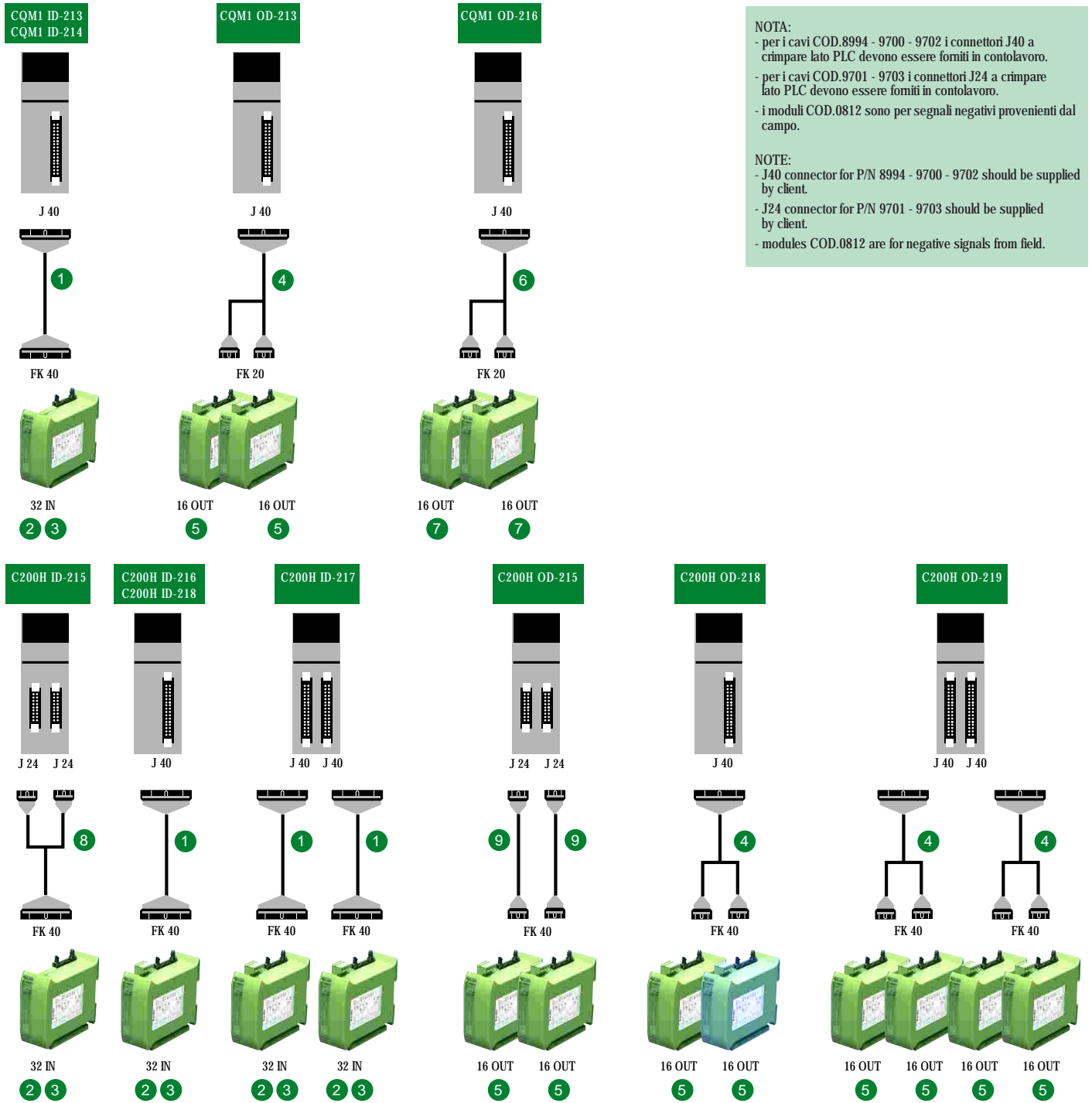


Sigla / part number	Cod.	N° vie/ways	Descrizione / description
1 ET-FK16/...MT	9503	8 I/O	cavo piatto - pin to pin - ribbon cable
2 ET-FK16/PT/...MT	9553	8 I/O	cavo piatto tondo - pin to pin - round ribbon cable
3 ET-MRZ08/FK16/NO-SC/SNR/S7234/N	0779	8 outs	modulo 8 relè estraibili SNR - 8 SNR pluggable relays module
4 ET-MSZ08/FK16/24/2/SNR/S7234/N	0773	8 outs	modulo 8 relè SNR statici da 2 A, estraibili - 8 SNR pluggable solid state relays module
5 ET-MR08/NO/FK16/BX/N	0684	8 outs	modulo 8 relè saldati - 8 soldered relays module
6 ET-MRZ08/NO/FK16/BX/N	0685	8 outs	modulo 8 relè estraibili - 8 pluggable relays module
7 ET-MI16/FK34/S7234/BX	0695	8 + 8 I/O	modulo passivo - box - passive module
8 ET-MI16/FK34/L/S7234/BX	0696	8 + 8 I/O	modulo passivo con led - box - passive module with leds
9 ET-FK34/2FK16/PT/SB/...MT	9531	8 + 8 inputs	cavo piatto tondo dedicato - dedicated round ribbon cable



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-MB32/FK40/OMR-HTC/BX	0811	32 I/O	modulo 32 ingressi - 32 inputs module
3 ET-MB32/FK40/L/OMR-HTC/BX	0812	32 outputs	modulo 32 ingressi con LED - 32 inputs module with LEDs
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



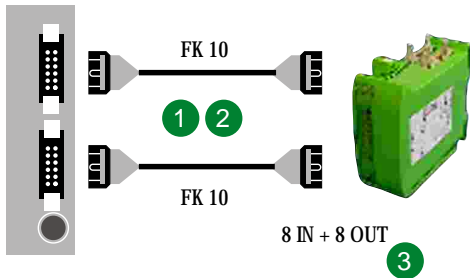
NOTA:
 - per i cavi COD.8994 - 9700 - 9702 i connettori J40 a crimpare lato PLC devono essere forniti in contolavoro.
 - per i cavi COD.9701 - 9703 i connettori J24 a crimpare lato PLC devono essere forniti in contolavoro.
 - i moduli COD.0812 sono per segnali negativi provenienti dal campo.

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

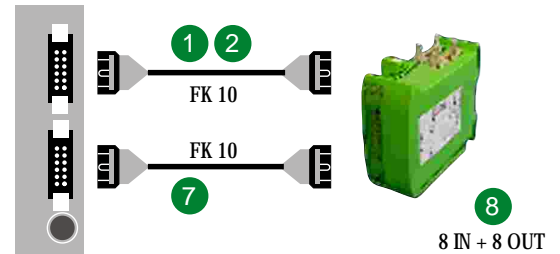
Sigla / part number	Cod.	N° vie/ways	Descrizione / description
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1	ET/J40/FK40/PT/OMR-HTC/...MT	9702	32 I/O	cavo piatto tondo dedicato - 32 inputs - dedicated round ribbon cable
2	ET-MI32/FK40/OMR-HTC/BX	0811	32 inputs	modulo 32 ingressi - 32 inputs module
3	ET-MI32/FK40/L/OMR-HTC/BX	0812	32 inputs	modulo 32 ingressi con LED - 32 inputs module with LEDs
4	ET/J40/2FK20/PT/OMR-HTC/...MT	9700	32 outputs	cavo piatto tondo dedicato - 32 outputs - dedicated round ribbon cable
5	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
6	ET/J40/2FK20/PT/CQM1-OD216/...MT	8994	32 outputs	cavo piatto tondo dedicato - 32 outputs - dedicated round ribbon cable
7	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
8	ET/J24/FK40/PT/OMR-HTC/...MT	9703	32 outputs	cavo piatto tondo dedicato - 32 outputs - dedicated round ribbon cable
9	ET/J24/FK20/PT/OMR-HTC/...MT	9701	16 outputs	cavo piatto tondo dedicato - 16 outputs - dedicated round ribbon cable

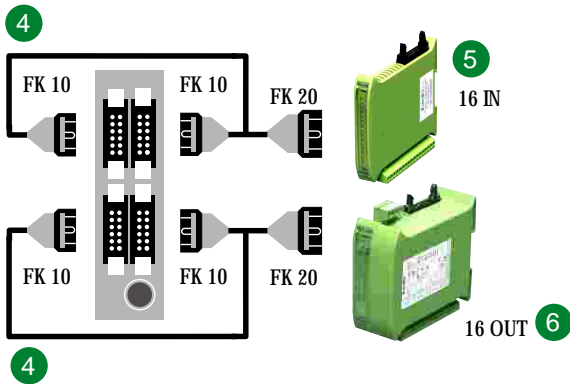
C16P - E16P
8 IN + 8 OUT



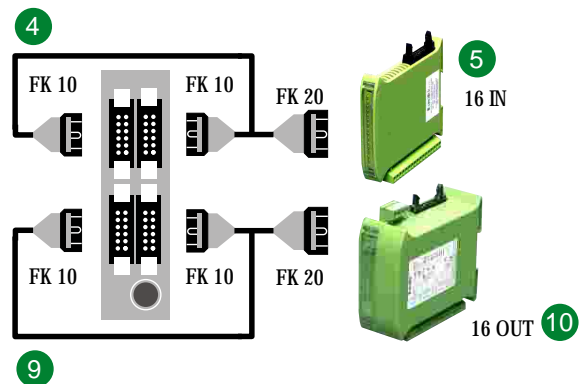
C16T - E16T
8 IN + 8 OUT



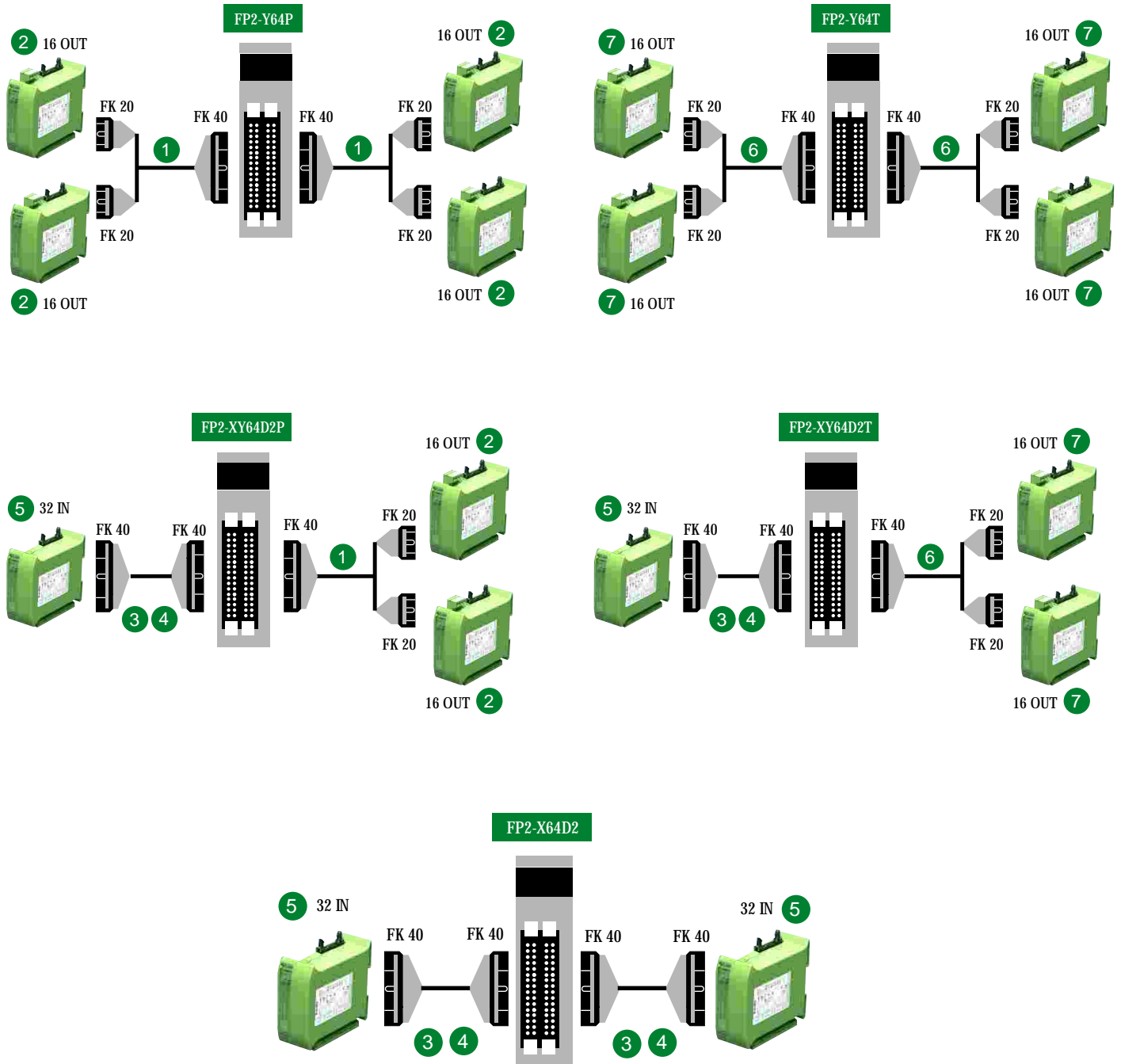
C32P - E32P
16 IN + 16 OUT



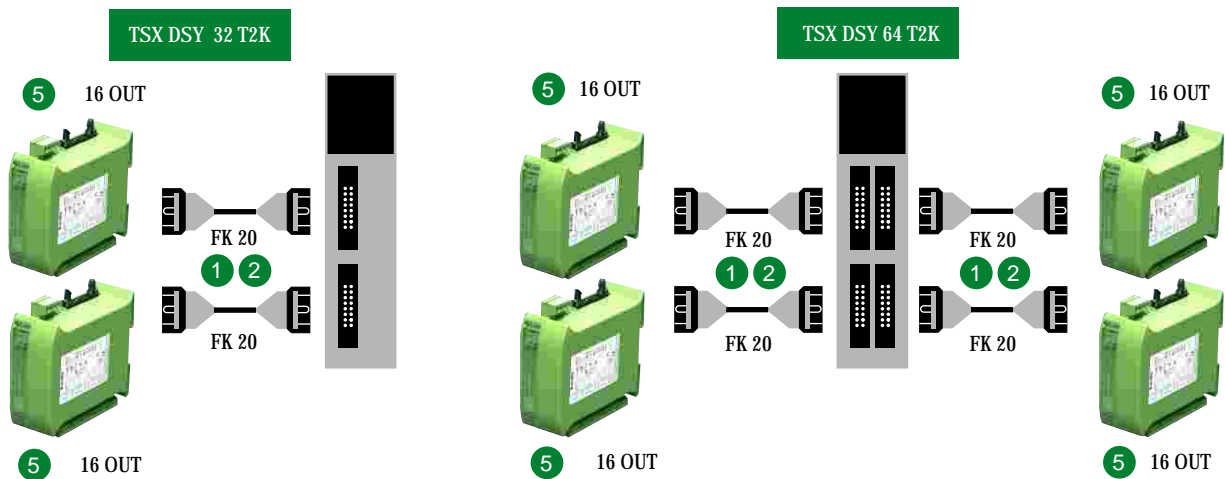
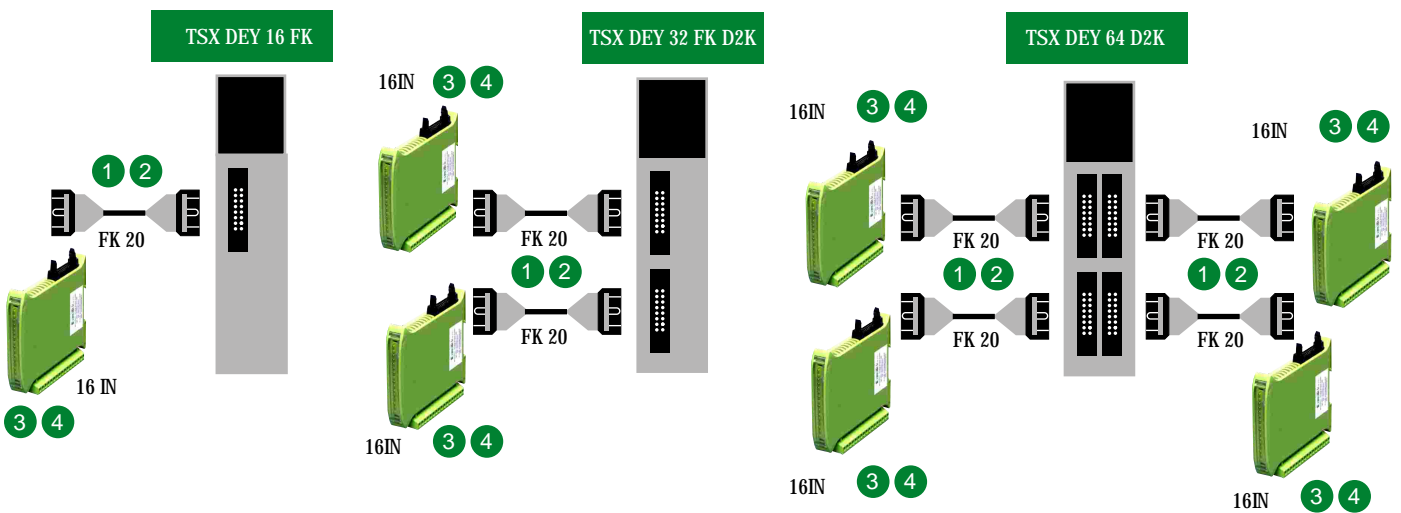
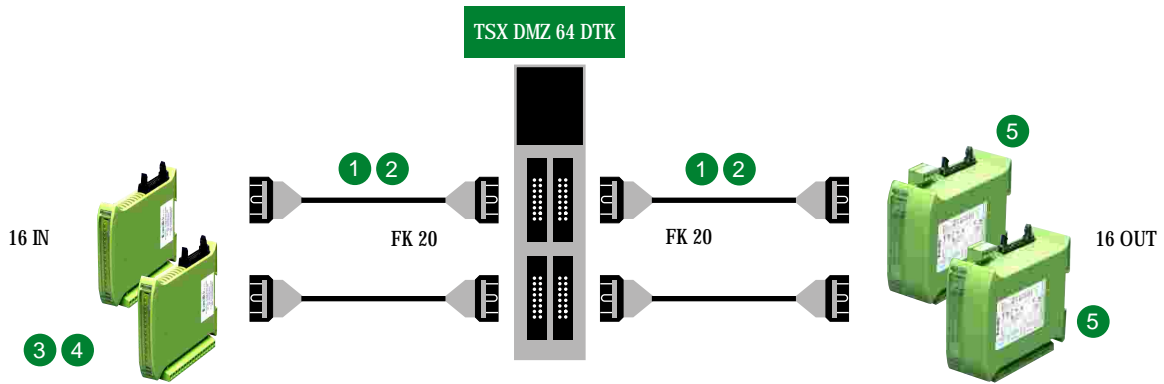
C32T - E32T
16 IN + 16 OUT



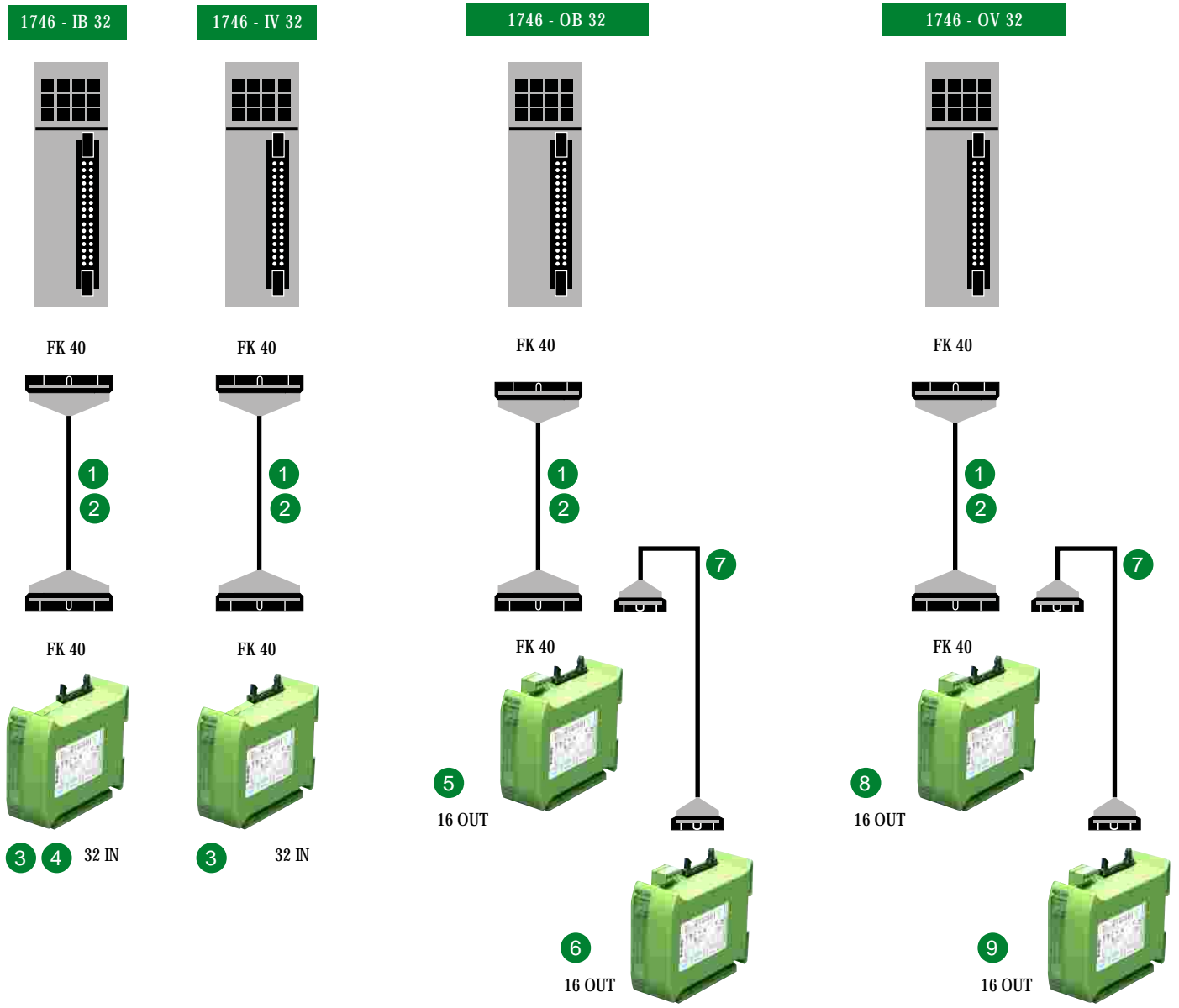
Sigla / part number	Cod.	N° vie/ways	Descrizione / description
1 ET-FK10/...MT	9501	8 I/O	cavo piatto - pin to pin - ribbon cable
2 ET-FK10/PT/...MT	9551	8 I/O	cavo piatto tondo-pin to pin - round ribbon cable
3 ET-MR108/JW/2FK10/FP0/BX/N	0808	8 I + 8 O	cavo piatto sdoppiato-pin to pin - ribbon splitted cable
4 ET-FK20/2FK10/PT/...MT	9504/S	16 I/O	cavo piatto tondo sdoppiato-pin to pin - round ribbon splitted 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-MR108/JW/2FK10/FP0/BX/P	0808/P	8 I + 8 O	cavo piatto sdoppiato - pin to pin - ribbon splitted cable
9 ET/FK20/2FK10/PT/C32T-E32T/...MT	9730	16 outputs	cavo piatto tondo dedicato, sdoppiato - dedicated round ribbon splitted cable
10 ET-MR16/24DC/NO-SC/FK20/FP0/BX/P	0791/P	16 outputs	modulo box 16 relè, comando negativo - 16 relays box module, negative command



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 splitted 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/MIO32/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 splitted 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/MIO32/FK40/L/FP/BX	0822	32 I	modulo passivo box con led, per segnali positivi - passive box module with leds for positive signals

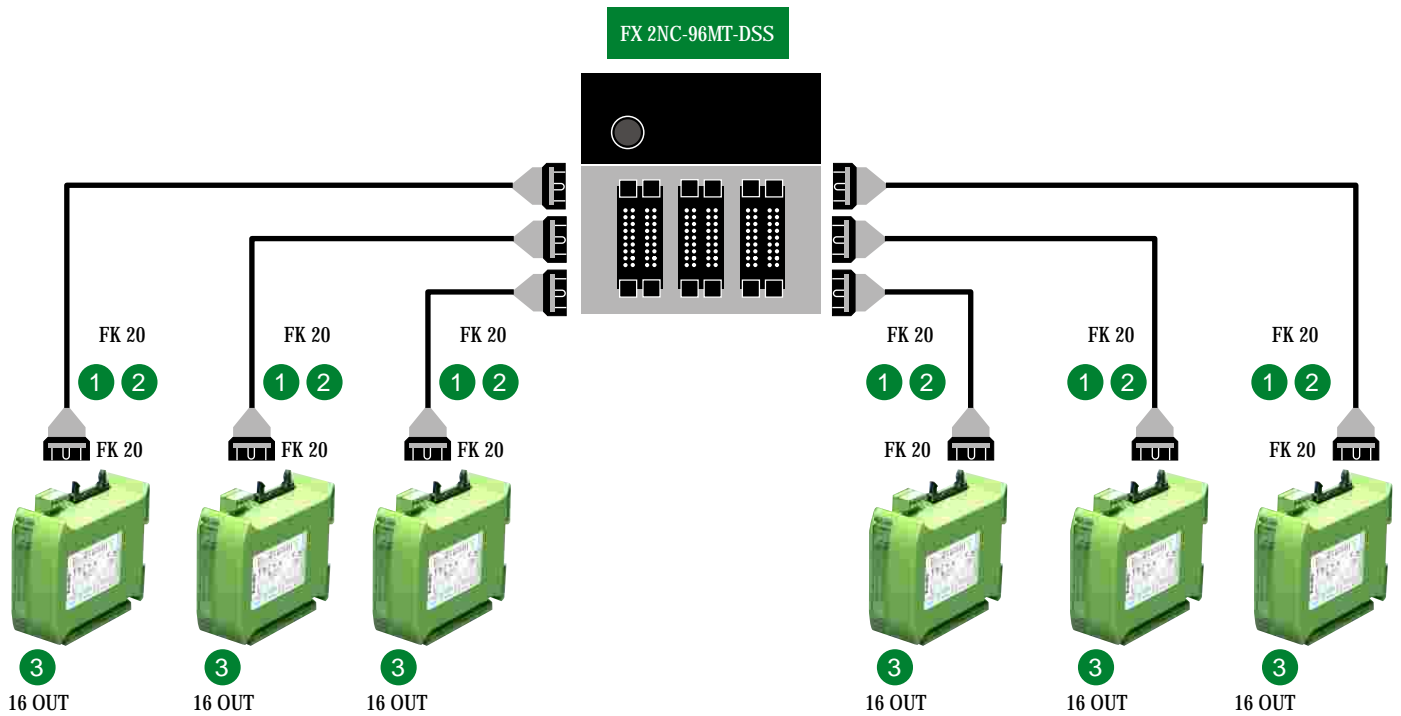


Sigla / part number	Cod.	N° vie/ways	Descrizione / description
1 ET/FK20/...MT	9504	16 I/O	cavo piatto - pin to pin - ribbon cable
2 ET/FK20/PT/...MT	9554	16 I/O	cavo piatto tondo - pin to pin - round ribbon cable
3 ET-M16/FK20/TSX/BX/N	0814	16 inputs	modulo passivo - 16inputs - passive module
4 ET-M16/FK20/L/TSX/BX/N	0815	16 inputs	modulo passivo con led - 16 inputs - passive module with LEDs
5 ET-MR16/24DC/NO-SC/FK20/TSX/BX/N	0794	16 outputs	modulo 8 uscite a relè - 8 relays outputs module

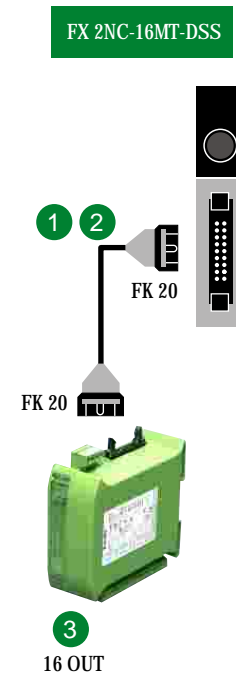
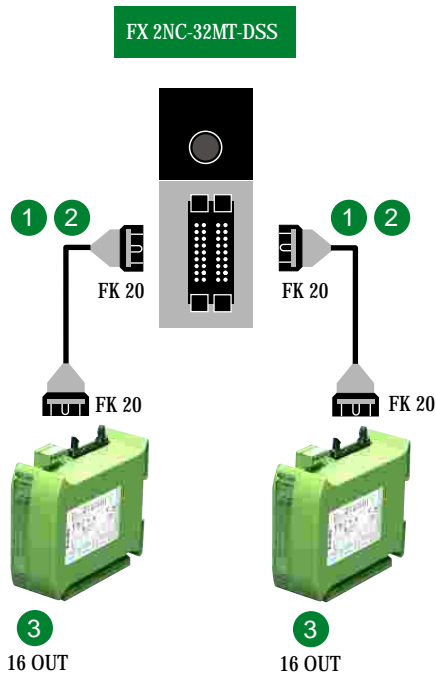


Sigla / part number	Cod.	N° vie/ways	Descrizione / description
1 ET/FK40/...MT	9510	32 I/O	cavo piatto - pin to pin - ribbon cable
2 ET/FK40/PT/...MT	9558	32 I/O	cavo piatto tondo - pin to pin - round ribbon cable
3 ET-MI32/FK40/AB/BX	0827	32 inc	modulo passivo - box - passive module
4 ET-MI32/FK40/L/AB/BX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

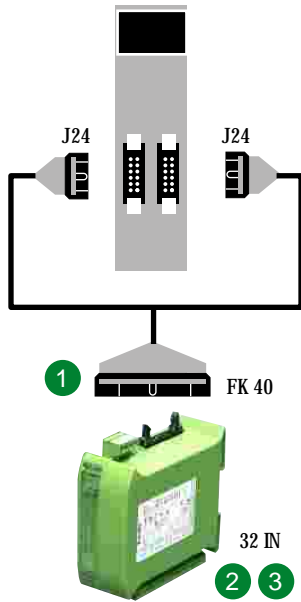


BLOCCHI DI ESPANSIONE / EXTENSION BLOCKS

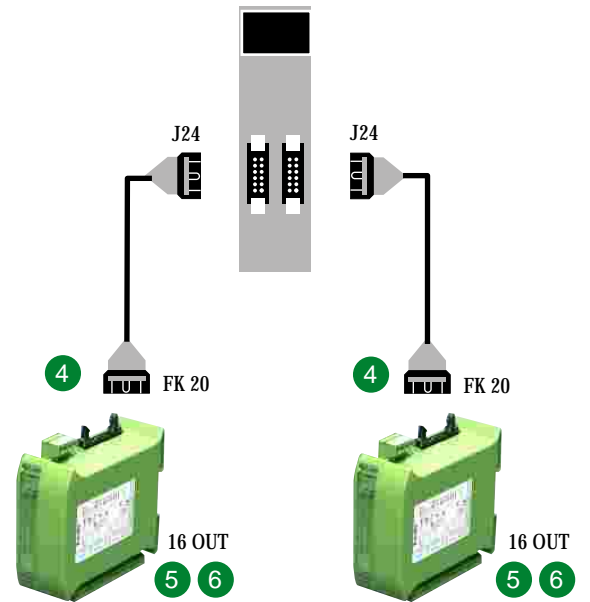


Sigla / part number	Cod.	N° vie/ways	Descrizione / description
1 ET/FK20/...MT	9504	16 outputs	cavo piatto - pin to pin - ribbon cable
2 ET/FK20/PT/...MT	9554	16 outputs	cavo piatto tondo - pin to pin - round ribbon cable
3 ET-MR16/24DC/NO-SC/FK20/FX2/BX/N	0797	16 outputs	modulo di uscita a 16 relè -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

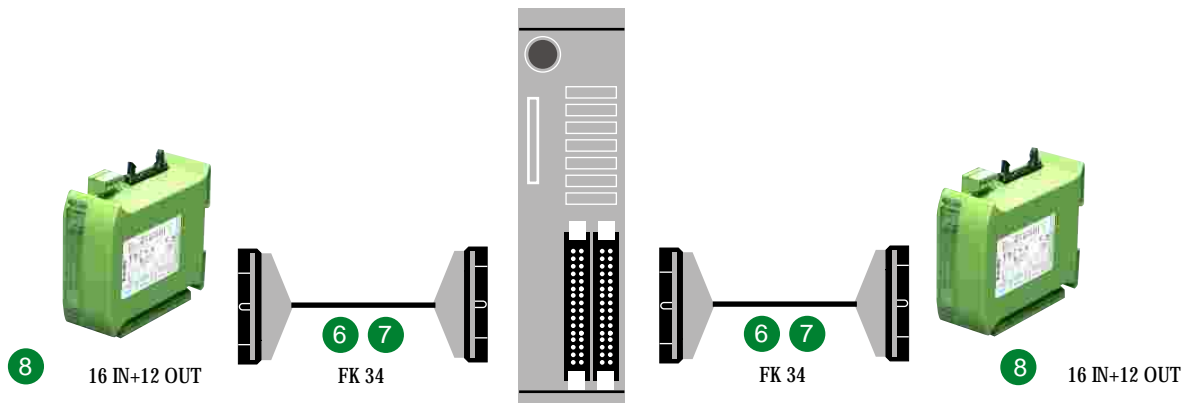
IC693MDL654 IC693MDL655



IC693MDL752 IC693MDL753



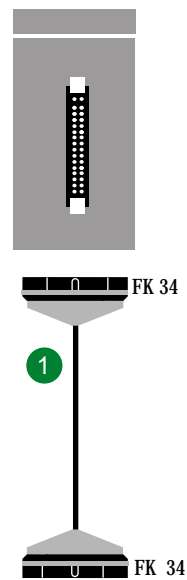
CN FANUC POWER MATE: SCHEDE CB128 - CB129



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.

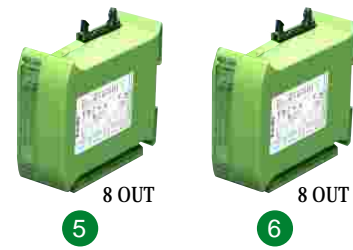
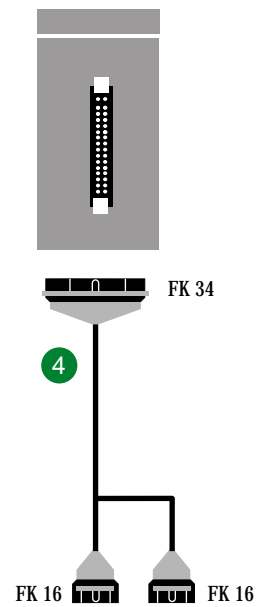
Sigla / part number	Cod.	N° vie/way	Descrizione / description
1 ET/2J24/FK40/PT/GE/...MT	9703/GE	16+ 16 I	cavo piatto tondo dedicato - dedicated round ribbon cable
2 ET/MI32/FK40/OMR-HTC/BX	0811	32 inputs	modulo passivo 32 ingressi - 32 inputs passive module
3 ET/MI32/FK40/L/OMR-HTC/BX	0812	32 inputs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

PCD2 - E160



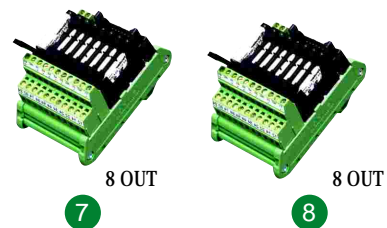
16 IN

PCD1 - E160



8 OUT

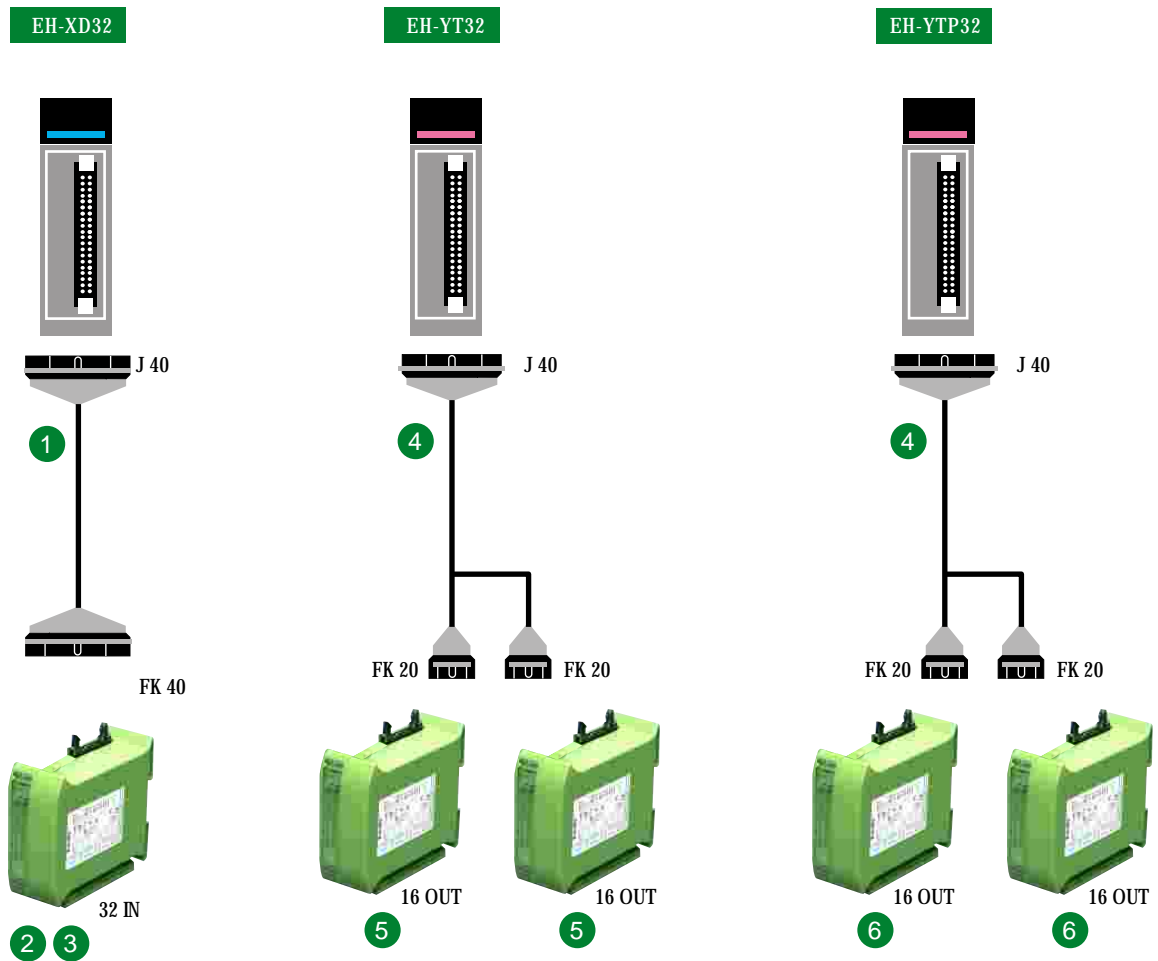
8 OUT



8 OUT

8 OUT

Sigla / part number	Cod.	N° vie/ways	Descrizione / description
1 ET/FK34/PT/...MT	9557	16 inputs	cavo piatto tondo pin to pin - pin to pin round ribbon cable
2 ET-MI16/FK34/S7234/BX	0695	16 inputs	modulo passivo - box - passive module
3 ET-MI16/FK34/L/S7234/BX	0696	16 inputs	modulo passivo con LED - box - passive module with LED
4 ET/FK34/2FK16/PT/SB/...MT	9531	8+8 outs	cavo piatto tondo dedicato - dedicated round ribbon cable
5 ET/MR08/NO/FK16/BX/N	0684	8 outs	modulo box 8 relè saldati - 8 soldered relays box module
6 ET/MRZ08/NO/FK16/BX/N	0685	8 outs	modulo box 8 relè estraibili - 8 pluggable relays box module
7 ET/MRZ08/FK16/NO-SC/SNR/S7234/N	0779	8 outs	modulo 8 relè SNR elettromeccanici - 8 electromechanical SNR relays module
8 ET/MSZ08/FK16/24/2/SNR/S7234/N	0773	8 outs	modulo 8 relè SNR statici - 8 solid state SNR relays module



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

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

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



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Aprile 2003 / April 2003

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