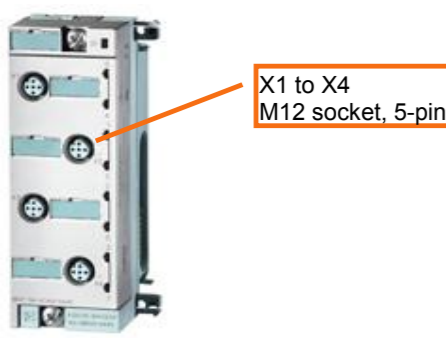
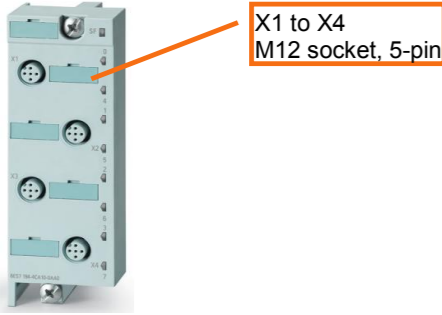
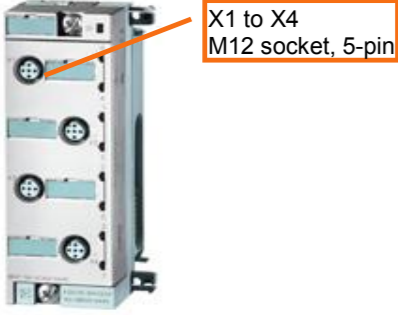
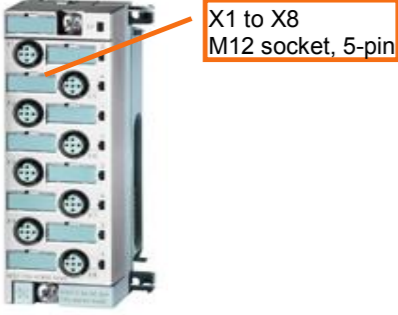
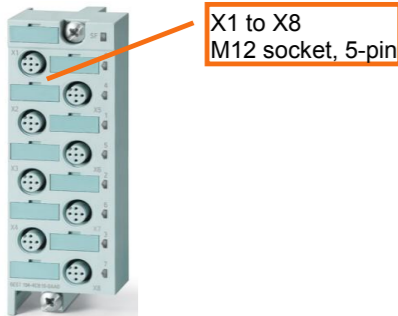
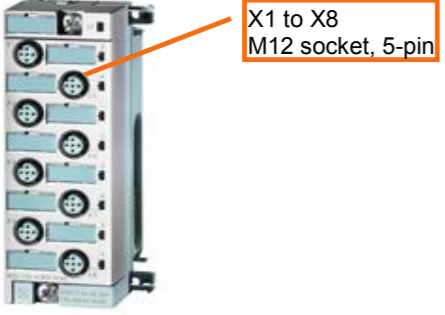
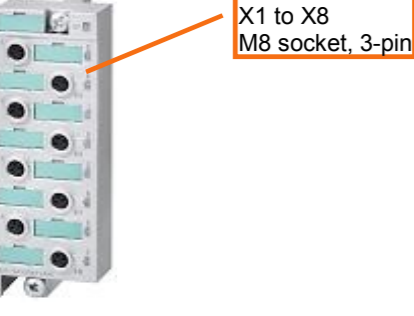
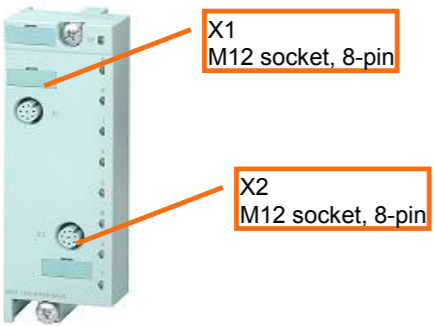
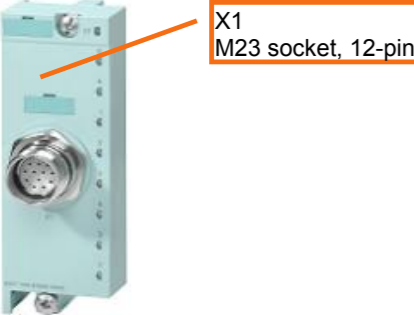


EM141, EM142, EM143, EM144, EM145 expansion modules											
these EMs suit these CMs	Article number	CM IO 4 x M12	CM IO 4 x M12 P	CM IO 4 x M12 Invers	CM IO 8 x M12	CM IO 8 x M12 P	CM IO 8 x M12D	CM IO 8 x M8	CM IO 2 x M12	CM IO 1 x M23	
EM141 8 DI DC 24V	6ES7141-4BF00-0AA0	x	x	-	x	x	-	x	x	x	
EM141 8 DI DC 24V HF	6ES7141-4BF00-0AB0	x	x	-	x	x	-	x	-	-	
EM141 16 DI DC 24V	6ES7141-4BH00-0AA0	-	-	-	-	-	x	-	-	-	
EM142 4 DO DC 24V, 2,0A	6ES7142-4BD00-0AA0	x	x	x	-	-	-	x	x	x	
EM142 4 DO DC 24V, 2,0A HF	6ES7142-4BD00-0AB0	x	x	x	-	-	-	x	-	-	
EM142 8 DO DC 24V, 0,5A	6ES7142-4BF00-0AA0	x	x	-	x	x	-	x	x	x	
EM143 4 DIO / 4 DO DC 24V, 0,5A	6ES7143-4BF00-0AA0	-	-	-	-	-	x	-	-	-	
EM143 4 DI / 4 DO DC 24V, 0,5A	6ES7143-4BF50-0AA0	x	x	-	x	x	-	x	x	x	
EM144 4 AI U HF	6ES7144-4FF01-0AB0	x	-	-	-	-	-	-	-	-	
EM144 4 AI I HF	6ES7144-4GF01-0AB0	x	-	-	-	-	-	-	-	-	
EM144 4 AI RTD HF	6ES7144-4JF00-0AB0	x	-	-	-	-	-	-	-	-	
EM144 4 AI TC HF	6ES7144-4PF00-0AB0	x	-	-	-	-	-	-	-	-	
EM145 4 AO U HF	6ES7145-4FF00-0AB0	x	-	-	-	-	-	-	-	-	
EM145 4 AO I HF	6ES7145-4GF00-0AB0	x	-	-	-	-	-	-	-	-	
Terminal module											
CM IO 4 x M12	6ES7194-4CA00-0AA0										
											
Interfaces											
X1 to X4 (M12 socket, 5-pin)											
Non-assembled connectors											
M12 connector, 5-pin, max. 0,75mm ² , screw terminals	3RK1902-4BA00-5AA0										
Pre-assembled cables											
M12 connecting cable (PUR sheath), pre-assembled at both ends with socket and plug, 3 x 0,34 mm ²	1,5m	3RK1902-4PB15-3AA0									
M12 connecting cable (PUR sheath), one end with socket (one end socket, one end open cable) 5 x 0,34 mm ²	1,5m	3RK1902-4HB15-5AA0									
	5m	3RK1902-4HB50-5AA0									
	10m	3RK1902-4HC01-5AA0									
Miscellaneous											
Y cable for dual connection of I/Os	6ES7194-6KA00-0XA0										
compensation connector M12 of thermocouples	6ES7194-4AB00-0AA0										
M12 over caps	3RX9802-0AA00										
M12 over caps	3RK1901-1KA00										

Terminal module		Article number
CM IO 4 x M12 P		6ES7194-4CA10-0AA0
		
Interfaces		Article number
X1 to X4 (M12 socket, 5-pin)		
Non-assembled connectors		
M12 connector, 5-pin, max. 0,75mm ² , screw terminals		3RK1902-4BA00-5AA0
Pre-assembled cables		
M12 connecting cable (PUR sheath), pre-assembled at both ends with socket and plug, 3 x 0,34 mm ²	1,5m	3RK1902-4PB15-3AA0
M12 connecting cable (PUR sheath), one end with socket (one end socket, one end open cable) 5 x 0,34 mm ²	1,5m	3RK1902-4HB15-5AA0
	5m	3RK1902-4HB50-5AA0
	10m	3RK1902-4HC01-5AA0
Miscellaneous		
Y cable for dual connection of I/Os		6ES7194-6KA00-0XA0
M12 over caps		3RX9802-0AA00
M12 over caps		3RK1901-1KA00
Terminal module		Article number
CM IO 4 x M12 Invers		6ES7194-4CA50-0AA0
		
Interfaces		Article number
X1 to X4 (M12 socket, 5-pin)		
Non-assembled connectors		
M12 connector, 5-pin, max. 0,75mm ² , screw terminals		3RK1902-4BA00-5AA0
Pre-assembled cables		
M12 connecting cable (PUR sheath), pre-assembled at both ends with socket and plug, 3 x 0,34 mm ²	1,5m	3RK1902-4PB15-3AA0
Miscellaneous		
M12 over caps		3RX9802-0AA00
M12 over caps		3RK1901-1KA00

Terminal module		Article number
CM IO 8 x M12		6ES7194-4CB00-0AA0
		
Interfaces		Article number
X1 to X8 (M12 socket, 5-pin)		
Non-assembled connectors		
M12 connector, 5-pin, max. 0,75mm ² , screw terminals		3RK1902-4BA00-5AA0
Pre-assembled cables		
M12 connecting cable (PUR sheath), pre-assembled at both ends with socket and plug, 3 x 0,34 mm ²	1,5m	3RK1902-4PB15-3AA0
Miscellaneous		
M12 over caps		3RX9802-0AA00
M12 over caps		3RK1901-1KA00
Terminal module		Article number
CM IO 8 x M12 P		6ES7194-4CB10-0AA0
		
Interfaces		Article number
X1 to X8 (M12 socket, 5-pin)		
Non-assembled connectors		
M12 connector, 5-pin, max. 0,75mm ² , screw terminals		3RK1902-4BA00-5AA0
Pre-assembled cables		
M12 connecting cable (PUR sheath), pre-assembled at both ends with socket and plug, 3 x 0,34 mm ²	1,5m	3RK1902-4PB15-3AA0
Miscellaneous		
M12 over caps		3RX9802-0AA00
M12 over caps		3RK1901-1KA00

Terminal Module		Article number
CM IO 8 x M12 D		6ES7194-4CB50-0AA0
		
Interfaces		Article number
X1 to X8 (M12 socket, 5-pin)		
Non-assembled connectors		
M12 connector, 5-pin, max. 0,75mm ² , screw terminals		3RK1902-4BA00-5AA0
Pre-assembled cables		
M12 connecting cable (PUR sheath), pre-assembled at both ends with socket and plug, 3 x 0,34 mm ²	1,5m	3RK1902-4PB15-3AA0
M12 connecting cable (PUR sheath), one end with socket (one end socket, one end open cable) 5 x 0,34 mm ²	1,5m	3RK1902-4HB15-5AA0
	5m	3RK1902-4HB50-5AA0
	10m	3RK1902-4HC01-5AA0
Miscellaneous		
Y cable for dual connection of I/Os		6ES7194-6KA00-0XA0
M12 over caps		3RX9802-0AA00
M12 over caps		3RK1901-1KA00
Terminal module		Article number
CM IO 8 x M8		6ES7194-4EB00-0AA0
		
Interfaces		Article number
X1 to X8 (M8 socket, 3-pin)		
M8 over caps		3RK1901-1PN00

Terminal module	Article number
CM IO 2 x M12	6ES7194-4FB00-0AA0
 <p>X1 M12 socket, 8-pin</p> <p>X2 M12 socket, 8-pin</p>	
Interfaces	Article number
X1 und X2 (M12-Buchse, 8polig)	
M12 connector, 8-pin, 0,75mm ² , screw terminals	(on request)
M12 over caps	3RX9802-0AA00
M12 over caps	3RK1901-1KA00
Terminal module	Article number
CM IO 1 x M23	6ES7194-4FA00-0AA0
 <p>X1 M23 socket, 12-pin</p>	
Interfaces	Article number
X1 (M23 socket, 12-pin)	
Actuator/sensor distributor (eightfold)	(on request)
M23 connector, 12-pin	(on request)