

Sepam serie 20

Ready-to-use configuration

From:
Country:
Fax:

Order number:
Customer's code:
Page: /

Number of identical Sepam configurations ordered:

This order form can be used to define a complete Sepam configuration. Check the boxes that match your choices.

Base unit, connectors and application

Base unit and UMI

Base unit with advanced UMI	S10UD	59607
With lead seal accessory ⁽¹⁾	AMT852	59639

(1) Can be used only with an advance UMI.

Base unit with basic UMI	S10UX	59603	
Remote advanced UMI module	DSM303	59608	
Connection cord	L = 0.6 m	CCA770	59660
	L = 2 m	CCA772	59661
	L = 4 m	CCA774	59662
Mounting plate	AMT840	59670	

Working language

Sepam serie 20	EN / FR	59609
	EN / ES	59611

Connectors

Type	Screw-type	CCA620	59668
	Ring-lug type	CCA622	59669

Application	Type	Sensor			
		CT	CT	LPCT	
Substation	S20	59620			
	S23	59625			
	S24	59778			
Transformer	T20	59621			
	T23	59627			
Motor	T24	59779			
	M20	59622			
Busbars	B21	59624			VT
	B22	59625			VT
		59630	59629	59631	59632
		CCA630	CCA634	CCA670	CCT640

Note: CCA630 : 1A/5A CT current connector

Note: CCA634 : 1A/5A CT current + I0 connector

Modules, communication interfaces and core balance CTs

Core balance CTs

Core balance CT, Ø 120 mm	CSH120	59635
Core balance CT, Ø 200 mm	CSH200	59636
Interposing ring CT	CSH30	59634
Core balance CT interface	ACE990	59672

Note: only one core balance CT can be added.

Note: core balance CTs can not be used with connector CCA634.

Modules

Input / output modules

10 inputs + 4 outputs, 24-250 V DC	MES114	59646
10 inputs + 4 outputs, 110-125 V DC / V AC	MES114E	59651
10 inputs + 4 outputs, 220-250 V DC / V AC	MES114F	59652

Note: the Sepam base unit has 4 outputs; only one input/output module can be added.

Remote modules

8 temperature sensor module	MET148-2	59641	L = 0.6 m	CCA770	59660
			L = 2 m	CCA772	59661
			L = 4 m	CCA774	59662

Note: the MET148-2 can be used only with applications T and M.

Analog output module	MSA141	59647	L = 0.6 m	CCA770	59660
			L = 2 m	CCA772	59661
			L = 4 m	CCA774	59662

Communication interfaces

Modbus interfaces

2-wire RS 485 interface	ACE949-2	59642	CCA612	59663
4-wire RS 485 interface	ACE959	59643	CCA612	59663
Fiber optic interface	ACE937	59644	CCA612	59663

Multi-protocol interfaces (Modbus, DNP3 or IEC 60870-5-103)

2-wire RS 485 interface	ACE969TP	59723	CCA612	59663
Fiber optic interface	ACE969FC	59724	CCA612	59663

Note: only one interface per application.

Sepam serie 40

Ready-to-use configuration

From:
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This order form can be used to define a complete Sepam configuration.
Check the boxes that match your choices.

Base unit, connectors and application

Base unit and UMI

Base unit with advanced UMI	S10MD	59604
With lead seal accessory ⁽¹⁾ AMT852		59639

(1) Can be used only with an advance UMI.

Base unit with basic UMI	S10MX	59600	
Remote advanced UMI mox DSM303		59608	
Connection cord	L = 0.6 m	CCA770	59660
	L = 2 m	CCA772	59661
	L = 4 m	CCA774	59662
Support de montage	AMT840	59670	

Working language

Sepam serie 40	EN / FR	59615
	EN / ES	59616

Connectors

Type	Screw-type	CCA620 - 59668 and CCA626 -	59656
	Ring-lug type	CCA622 - 59669 and CCA627 -	59657

Application	Type	Sensor	CT	LPCT
Substation	S40	59680	<input type="checkbox"/>	<input type="checkbox"/>
	S41	59681	<input type="checkbox"/>	<input type="checkbox"/>
	S42	59682	<input type="checkbox"/>	<input type="checkbox"/>
	S43	59687	<input type="checkbox"/>	<input type="checkbox"/>
	S44	59688	<input type="checkbox"/>	<input type="checkbox"/>
	S50	59780	<input type="checkbox"/>	<input type="checkbox"/>
	S51	59781	<input type="checkbox"/>	<input type="checkbox"/>
	S52	59782	<input type="checkbox"/>	<input type="checkbox"/>
	S53	59783	<input type="checkbox"/>	<input type="checkbox"/>
	S54	59786	<input type="checkbox"/>	<input type="checkbox"/>
Transformer	T40	59683	<input type="checkbox"/>	<input type="checkbox"/>
	T42	59684	<input type="checkbox"/>	<input type="checkbox"/>
	T50	59784	<input type="checkbox"/>	<input type="checkbox"/>
	T52	59785	<input type="checkbox"/>	<input type="checkbox"/>
Motor	M40	59689	<input type="checkbox"/>	<input type="checkbox"/>
	M41	59685	<input type="checkbox"/>	<input type="checkbox"/>
Generator	G40	59686	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
		59630	59629	59631
		CCA630	CCA634	CCA670

Modules, communication interfaces and core balance CTs

Core balance CTs

Core balance CT, Ø 120 mm	CSH120	59635
Core balance CT, Ø 200 mm	CSH200	59636
Interposing ring CT	CSH30	59634
Core balance CT interface	ACE990	59672

Note: only one core balance CT can be added.

Note: core balance CTs can not be used with connector CCA634.

Modules

Input / output modules

10 inputs + 4 outputs, 24-250 V DC	MES114	59646
10 inputs + 4 outputs, 110-125 V DC / V AC	MES114E	59651
	MES114F	59652

10 inputs + 4 outputs, 220-250 V DC / V AC

Note: the Sepam base

Remote modules

Remote modules	Connection cord		
8 temperature sensor module	L = 0.6 m	CCA770	59660
	L = 2 m	CCA772	59661
	L = 4 m	CCA774	59662

Note: the MET148-2

Analog output module	L = 0.6 m	CCA770	59660
	L = 2 m	CCA772	59661
	L = 4 m	CCA774	59662

Note: the MSA141 can be used with all the applications.

Communication interfaces

Modbus interfaces

Modbus interfaces	Connection cord	
2-wire RS 485 interface	CCA612	59663
4-wire RS 485 interface	CCA612	59663
Fiber optic interface	CCA612	59663

Multi-protocol interfaces (Modbus, DNP3 or IEC 60870-5-103)

2-wire RS 485 interface	CCA612	59663
Fiber optic interface	CCA612	59663

TCP/IP interfaces (61850 and Modbus)

TCP/IP firmware option	59754	
2 RJ45 interface	ACE850TP	59658
Fiber optic interface	ACE850FO	59659

Note: The connection cord is included in ACE850 TP and FO interfaces

Note: only one interface per application.

Sepam serie 60

Ready-to-use configuration

From:
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Sepam serie 60 base unit, cartridge, connectors and application

Base unit and UMI

Base unit with mimic-based UMI	SEP666	59837
Base unit with advanced UMI	SEP363	59836
With lead seal accessory (1) AMT852		59639
<i>(1) Can be used only with an advance UMI.</i>		
Base unit without basic UMI	SEP060	59835
Remote advanced	DSM303	59608
UMI module (compulsory with SEP060)		
Connection cord	L = 0.6 m CCA770	59660
	L = 2 m CCA772	59661
	L = 4 m CCA774	59662
Mounting plate	AMT880	59706

Note: 8 mounting clips included

Memory cartridge

Memory cartridge	MMS020	59707
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Note: option required to use Logipam program.

Working language

Sepam serie 60	EN / FR	59846
	EN / ES	59847

Connectors

Type	Screw-type	CCA620	59668
	Ring-lug type	CCA622	59669

Application	Type	B1 sensor			
Substation	S60	59787	CT	CT	LPCT
	S62	59789	CT	CT	LPCT
Transformer	T60	59790	CT	CT	LPCT
	T62	59791	CT	CT	LPCT
Motor	M61	59792	CT	CT	LPCT
Generator	G60	59793	CT	CT	LPCT
	G62	59794	CT	CT	LPCT
Capacitor	C60	59795	CT	CT	LPCT

59630 59629 59702
CCA630 CCA634 CCA671

Note: CCA630 : 1A/5A CT current connector

Modules, communication interfaces and core balance CTs

Core balance CTs

Core balance CT, Ø 120 mm	CSH120	59635
Core balance CT, Ø 200 mm	CSH200	59636
Interposing ring CT	CSH30	59634
Core balance CT interface	ACE990	59672

Note: only one core balance CT can be added.

Note: core balance CTs can not be used with connector CCA634.

Modules

Input / output modules

14 inputs (24-250 V DC) + 6 outputs	MES120	59715
14 inputs (220-250 V DC) + 6 outputs	MES120G	59716
14 inputs (110-125 V DC) + 6 outputs	MES120H	59722

N

Remote modules

8 temperature sensor module	MET148-2	59641	<input type="checkbox"/>	Connection cord	
				L = 0.6 m CCA770	59660
				L = 2 m CCA772	59661
				L = 4 m CCA774	59662

N

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Analog output module	MSA141	59647	<input type="checkbox"/>	L = 0.6 m CCA770	59660
				L = 2 m CCA772	59661
				L = 4 m CCA774	59662

Note: the MSA141 can be used with all the applications.

Synchro-check module		MCS025	59712
Mounting plate		AMT840	59670

N

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Communication interfaces

Modbus interfaces

2-wire RS 485 interface	ACE949-2	59642	<input type="checkbox"/>	Connection cord	
				CCA612	59663
4-wire RS 485 interface	ACE959	59643	<input type="checkbox"/>	CCA612	59663
Fiber optic interface	ACE937	59644	<input type="checkbox"/>	CCA612	59663

Multi-protocol interfaces (Modbus, DNP3 or IEC 60870-5-103)

2-wire RS 485 interface	ACE969TP-2	59723	<input type="checkbox"/>	CCA612	59663
Fiber optic interface	ACE969FO-2	59724	<input type="checkbox"/>	CCA612	59663

TCP/IP interfaces (61850 and Modbus TCP)

TCP/IP firmware option		59754	<input type="checkbox"/>		
2 RJ45 interface	ACE850TP	59658	<input type="checkbox"/>		
Fiber optic interface	ACE850FO	59659	<input type="checkbox"/>		

Note: A specific firmware option is mandatory to use TCP/IP interfaces

Note: The connection cord is included in ACE850 TP and FO interfaces

Note: Only one ACE850 TP or FO interfaces per Sepam

Note: the total number of communication interfaces cannot exceed 2.

Sepam serie 80

Ready-to-use configuration

From:
Country:
Fax:

Order number:
Customer's code:
Page: /

Number of identical Sepam configurations ordered:

This order form can be used to define a complete Sepam configuration. Check the boxes or indicate the required quantities in the appropriate spaces according to your choices.

Sepam serie 80 base unit, cartridge, connectors and application

Base unit and UMI		
Base unit with mimic-based UMI	SEP888	59705
Base unit with advanced UMI	SEP383	59704
With lead seal accessory (1)	AMT852	59639
<i>(1) Can be used only with an advance UMI.</i>		
Base unit without basic UMI	SEP080	59703
Remote advanced	DSM303	59608
UMI module (compulsory with SEP080)		
Connection cord	L = 0.6 m CCA770	59660
	L = 2 m CCA772	59661
	L = 4 m CCA774	59662
Mounting plate	AMT880	59706
<i>Note: 8 mounting clips included</i>		
Memory cartridge		
Memory cartridge	MMS020	59707
Extended memory cartridge (series MMR020)		59701
Logipam option	SFT080	59711
<i>Note: option required to use Logipam program.</i>		
Working language		
Sepam serie 80	EN / FR	59709
	EN / ES	59710
Connectors		
Type	Screw-type CCA620	59668
	Ring-lug type CCA622	59669

Application	Type	B1 sensor			B2 sensor				
Substation	S80	59729	CT	CT	LPCT				
	S81	59730	CT	CT	LPCT				
	S82	59731	CT	CT	LPCT				
	S84	59732	CT	CT	LPCT				
Transformer	T81	59733	CT	CT	LPCT				
	T82	59734	CT	CT	LPCT				
	T87	59735	CT	CT		CT	CT		
Motor	M81	59736	CT	CT	LPCT				
	M87	59737	CT	CT	LPCT	CT	CT LPCT		
	M88	59738	CT	CT		CT	CT		
Generator	G82	59739	CT	CT	LPCT				
	G87	59741	CT	CT	LPCT	CT	CT LPCT		
	G88	59742	CT	CT		CT	CT		
Busbar	B80	59743	CT	CT	LPCT				
	B83	59744	CT	CT			VT		
Capacitor	C86	59745	CT	CT	LPCT	CT	CT		
Customized	Z81	59747	CT	CT	LPCT				
	Z82	59748	CT	CT	LPCT	CT	CT LPCT		
	Z83	59749	CT	CT			VT		
Customized reference number			59630	59629	59702	59630	59629	59702	59632
			CCA630	CCA634	CCA671	CCA630	CCA634	CCA671	CCT640

Note: CCA630 : 1A/5A CT current connector

Modules, communication interfaces and CT Modules

Core balance CTs		
Core balance CT, Ø 120 mm	CSH120	59635
Core balance CT, Ø 200 mm	CSH200	59636
Interposing ring CT	CSH30	59634
Core balance CT interface	ACE990	59672
<i>Note: only one core balance CT can be added.</i>		
<i>Note: core balance CTs can not be used with connector CCA634.</i>		

Input / output modules				
14 inputs (24-250 V DC) + 6 outputs		MES120	59715	
14 inputs (220-250 V DC) + 6 outputs		MES120G	59716	
14 inputs (110-125 V DC) + 6 outputs		MES120H	59722	
<i>Note: the Sepam base unit comes with 5 outputs; 3 input/output modules can be added.</i>				
Remote modules				
8 temperature sensor module	MET148-2	59641		
			L = 0.6 m CCA770	59660
			L = 2 m CCA772	59661
		L = 4 m CCA774	59662	
<i>Note: the MET148-2 can be used only with applications T, M, G and C. Maximum of 2 MET 148-2 modules per application.</i>				
Analog output module	MSA141	59647		
			L = 0.6 m CCA770	59660
			L = 2 m CCA772	59661
		L = 4 m CCA774	59662	
<i>Note: the MSA141 can be used with all the applications.</i>				
Synchro-check module		MCS025	59712	
Mounting plate		AMT840	59670	
<i>Note: the MCS025 can be used only with applications S, B, G and T. Comes with connection cord CCA785 and voltage connector CCT640.</i>				

Communication interfaces

Modbus interfaces		Connection cord	
2-wire RS 485 interfac	ACE949-2	59642	CCA612 59663
4-wire RS 485 interfac	ACE959	59643	CCA612 59663
Fiber optic interface	ACE937	59644	CCA612 59663
Multi-protocol interfaces (Modbus, DNP3 or IEC 60870-5-103)			
2-wire RS 485 interfac	ACE969TP-2	59723	CCA612 59663
Fiber optic interface	ACE969FO-2	59724	CCA612 59663
TCP/IP interfaces (61850 and Modbus TCP)			
TCP/IP firmware option		59754	
2 RJ45 interface	ACE850TP	59658	
Fiber optic interface	ACE850FO	59659	

Note: A specific firmware option is mandatory to use TCP/IP interfaces

Note: The connection cord is included in ACE850 TP and FO interfaces

Note: Only one ACE850 TP or FO interfaces per Sepam

Note: the total number of communication interfaces cannot exceed 2.

Sepam serie 80 NPP

Ready-to-use configuration

From: _____ Order number: _____
 Country: _____ Customer's code: _____
 Fax: _____ Page: _____ / _____

Number of identical Sepam configurations ordered:

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 Check the boxes or indicate the required quantities
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Sepam series 80 base unit, cartridge, connectors and application

Base unit and UMI			Application			Type			B1 sensor			B2 sensor			
Base unit with mimic-based UMI	SEP888NPP	59705NPP	Substation	S80	59729	CT	CT	LPCT							
Base unit with advanced UMI	SEP383NPP	59704NPP		S81	59730	CT	CT	LPCT							
With lead seal accessory (1) AMT852		59639		S82	59731	CT	CT	LPCT							
<i>(1) Can be used only with an advance UMI.</i>				S84	59732	CT	CT	LPCT							
Base unit without basic UMI	SEP080	59703	Transformer	T81	59733	CT	CT	LPCT							
Remote advanced	DSM303	59608		T82	59734	CT	CT	LPCT							
UMI module (compulsory with SEP080)				T87	59735	CT	CT		CT		CT				
Connection L = 0.6 m	CCA770	59660	Motor	M81	59736	CT	CT	LPCT							
cord L = 2 m	CCA772	59661		M87	59737	CT	CT	LPCT	CT		CT		LPCT		
L = 4 m	CCA774	59662		M88	59738	CT	CT		CT		CT				
Mounting plate	AMT880	59706	Generator	G82	59739	CT	CT	LPCT							
<i>Note: 8 mounting clips included</i>				G87	59741	CT	CT	LPCT	CT		CT		LPCT		
Memory cartridge				G88	59742	CT	CT		CT		CT				
Memory cartridge series 80 NPP	MMS020NPP	59707NPP	Busbar	B80	59743	CT	CT	LPCT							
Logipam option	SFT080	59711		B83	59744	CT	CT							VT	
<i>Note: option required to use Logipam program.</i>			Capacitor	C86	59745	CT	CT	LPCT	CT		CT				
Working language									59630	59629	59702	59630	59629	59702	59632
Sepam serie 80	EN / FR NPP	59709NPP							CCA630	CCA634	CCA671	CCA630	CCA634	CCA671	CCT640
	EN / ES NPP	59710NPP	<i>Note: CCA630 : 1A/5A CT current connector</i>												
	EN / CH NPP	59840NPP													
	EN / RU NPP	59841NPP													
	EN / OTHER 1 NPP	59842NPP													
	EN / OTHER 2 NPP	59843NPP													

Connectors			
Type	Screw-type	CCA620	59668
	Ring-lug type	CCA622	59669

Modules, communication interfaces, core balance CTs and shipping certificat

Core balance CTs		
Core balance CT, Ø 120 mm	CSH120	59635
Core balance CT, Ø 200 mm	CSH200	59636
Interposing ring CT	CSH30	59634
Core balance CT interface	ACE990	59672

Note: only one core balance CT can be added.

Note: core balance CTs can not be used with connector CCA634.

Modules				
Input / output modules				
14 inputs (24-250 V DC) + 6 outputs NPP		MES120NPP	59715NPP	
14 inputs (220-250 V DC) + 6 outputs NPP		MES120GNPP	59716NPP	
14 inputs (110-125 V DC) + 6 outputs NPP		MES120HNPP	59722NPP	
<i>Note: the Sepam base unit comes with 5 outputs; 3 input/output modules can be added.</i>				
Remote modules				
8 temperature sensor module	MET148-2	59641		
			L = 0.6 m CCA770	59660
			L = 2 m CCA772	59661
			L = 4 m CCA774	59662
<i>Note: the MET148-2 can be used only with applications T, M, G and C. Maximum of 2 MET 148-2 modules per application.</i>				
Analog output module	MSA141	59647		
			L = 0.6 m CCA770	59660
			L = 2 m CCA772	59661
			L = 4 m CCA774	59662
<i>Note: the MSA141 can be used with all the applications.</i>				
Synchro-check module			MCS025	59712
Mounting plate			AMT840	59670
<i>Note: the MCS025 can be used only with applications S, B, G and T. Comes with connection cord CCA785 and voltage connector CCT640.</i>				

Communication interfaces

Modbus interfaces			Connection cord		
2-wire RS 485 interfac	ACE949-2	59642	CCA612	59663	
4-wire RS 485 interfac	ACE959	59643	CCA612	59663	
Fiber optic interface	ACE937	59644	CCA612	59663	
Multi-protocol interfaces (Modbus, DNP3 or IEC 60870-5-103)					
2-wire RS 485 interfac	ACE969TP-2	59723	CCA612	59663	
Fiber optic interface	ACE969FO-2	59724	CCA612	59663	
TCP/IP interfaces (61850 and Modbus TCP)					
TCP/IP firmware option		59754			
2 RJ45 interface	ACE850TP	59658			
Fiber optic interface	ACE850FO	59659			

Note: A specific firmware option is mandatory to use TCP/IP interfaces

Note: The connection cord is included in ACE850 TP and FO interfaces

Note: Only one ACE850 TP or FO interfaces per Sepam

Note: the total number of communication interfaces cannot exceed 2.

Shipping option

Shipping reference certification		
Shipping Certificat	NPPSC	59755NPP

Sepam accessories and spare parts

From: Order number:
Country: Customer's code:
Fax: Page: /

Indicate the required quantities in the appropriate spaces according to your choices.

Mounting accessories

Sepam series 20, Sepam series 40 or MCS025:

Mounting plate	AMT840	59670	<input type="text"/>
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Sepam series 20, Sepam series 40, Sepam series 60 and Sepam series 80 with advanced UMI

Mead seal accessory	AMT852	59639	<input type="text"/>
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Sepam series 60 and Sepam series 80

Mounting plate	AMT880	59706	<input type="text"/>
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Blanking plate	AMT820	59699	<input type="text"/>
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Software tools

Sepam PC software: SFT2841 and SFT2826 (CD-ROM without connection cord CCA783: CD SFT2841		59679	<input type="text"/>
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PC cord RS232 connection	CCA783	59664	<input type="text"/>
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PC cord USB connection	CCA784	59700	<input type="text"/>
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USB/RS232 Interface (CCA783 cord must be ordered separately)		TSXCUSB232	<input type="text"/>
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Sepam PC software: SFT2885 (order is not possible without previous training)	CD SFT2885	59727	<input type="text"/>
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IEC61850 configuration software (available in 2008)	CD SFT850	59726	<input type="text"/>
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Input / output modules

Sepam series 20 and series 40

10 inputs + 4 outputs, 24-250 V DC	MES114	59646	<input type="text"/>
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10 inputs + 4 outputs, 110-125 V DC / V AC	MES114E	59651	<input type="text"/>
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10 inputs + 4 outputs, 220-250 V DC / V AC	MES114F	59652	<input type="text"/>
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Sepam series 60 and series 80

14 inputs + 6 outputs, 24-250 V DC	MES120	59715	<input type="text"/>
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14 inputs + 6 outputs, 220-250 V DC	MES120G	59716	<input type="text"/>
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14 inputs + 6 outputs 110-125 V DC	MES120H	59722	<input type="text"/>
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Sepam series 80 NPP (High disponibility range)

14 inputs + 6 outputs, 24-250 V DC NPP	MES120NPP	59715NPP	<input type="text"/>
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14 inputs + 6 outputs, 220-250 V DC NPP	MES120GNPP	59716NPP	<input type="text"/>
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14 inputs + 6 outputs 110-125 V DC NPP	MES120HNPF	59722NPP	<input type="text"/>
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Remote modules and cords

8 temperature sensor module	MET148-2	59641	<input type="text"/>
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Analog output module	MSA141	59647	<input type="text"/>
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Remote advanced UMI module	DSM303	59608	<input type="text"/>
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Synchro-check module (including connection cord CCA785)	MCS025	59712	<input type="text"/>
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Remote module connection cord L = 0.6 m	CCA770	59660	<input type="text"/>
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Remote module connection cord L = 2 m	CCA772	59661	<input type="text"/>
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Remote module connection cord L = 4 m	CCA774	59662	<input type="text"/>
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Synchro-check module connection cord L = 2 m (spare parts)	CCA785	59665	<input type="text"/>
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Communication accessories

Sepam communication interfaces

2-wire RS 485 Modbus interface (without CCA612)	ACE949-2	59642	<input type="text"/>
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4-wire RS 485 Modbus interface (without CCA612)	ACE959	59643	<input type="text"/>
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Fiber optic Modbus interface (without CCA612)	ACE937	59644	<input type="text"/>
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RS 485 multi-protocol 2-wire interface (without CCA612)	ACE969TP-2	59723	<input type="text"/>
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Fiber optic multi-protocol interface (without CCA612)	ACE969FO-2	59724	<input type="text"/>
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Connection cord, L = 3 m	CCA612	59663	<input type="text"/>
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TCP/IP (61850 and Modbus TCP) 2 RJ45 interface (with CCA614)	ACE850TP	59658	<input type="text"/>
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TCP/IP (61850 and Modbus TCP) Fiber optic interface (with CCA614)	ACE850FO	59659	<input type="text"/>
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Connection cord, L = 3 m for TCP/IP(61850 and Modbus TCP) interfaces	CCA614	59751	<input type="text"/>
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Converters

RS 232 / RS 485 converter	ACE909-2	59648	<input type="text"/>
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RS 485 / RS 485 interface (AC)	ACE919CA	59649	<input type="text"/>
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RS 485 / RS 485 interface (DC)	ACE919CC	59650	<input type="text"/>
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Core balance CTs

Core balance CT, Ø 120 mm	CSH120	59635	<input type="text"/>
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Core balance CT, Ø 200 mm	CSH200	59636	<input type="text"/>
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Interposing ring CT	CSH30	59634	<input type="text"/>
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Core balance CT interface	ACE990	59672	<input type="text"/>
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Accessories for phase-current sensors (LPCT)

LPCT injection adapter	ACE917	59667	<input type="text"/>
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Remote LPCT test plug	CCA613	59666	<input type="text"/>
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Sepam accessories and spare parts

From:	Order number:
Country:	Customer's code:
Fax:	Page: /

Check the boxes or indicate the required quantities in the appropriate spaces according to your choices.

Spare connectors			
Sepam			
20-pin screw-type connector	CCA620	59668	<input type="text"/>
20-pin ring lug connector	CCA622	59669	<input type="text"/>
6-pin screw-type connector	CCA626	59656	<input type="text"/>
6-pin ring lug connector	CCA627	59657	<input type="text"/>
1 A / 5 A CT current connector	CCA630	59630	<input type="text"/>
1A / 5A CT + I0 current connector	CCA634	59629	<input type="text"/>
LPCT lateral current connector	CCA670	59631	<input type="text"/>
LPCT radial current connector	CCA671	59702	<input type="text"/>
VT voltage connector	CCT640	59632	<input type="text"/>

MES modules			
Connectors for 2 MES114 and 2 MES120	Kit 2640	59676	<input type="text"/>

Spare Sepam series 60 and series 80			
series 60 base unit with mimic-based UMI	SEP666	59837	<input type="text"/>
series 60 base unit with advanced UMI	SEP363	59836	<input type="text"/>
series 60 base unit without UMI	SEP060	59835	<input type="text"/>
series 80 base unit with mimic-based UMI	SEP888	59705	<input type="text"/>
series 80 base unit with advanced UMI	SEP383	59704	<input type="text"/>
series 80 base unit without UMI	SEP080	59703	<input type="text"/>
12 spring clips		XBTZ3002	<input type="text"/>
TCP/IP firmware option		59754	<input type="text"/>

Note: the base units are supplied without connectors and without memory cartridge.

Note: When ordering a base unit or a memory cardrige to be used with TCP/IP interfaces this option is mandatory

Spare Sepam series 60 and series 80 memory cartridge			
Memory cartridge	MMS020	59707	<input type="text"/>
Extended memory cartridge (series 80 only)	MMR020	59701	<input type="text"/>

Note: the memory cartridge cannot be sold without the application

Application series 60	Type		Working language		
			59846	59847	
Substation	S60	59787	EN/FR	EN/ES	<input type="text"/>
	S62	59789	EN/FR	EN/ES	<input type="text"/>
Transformer	T60	59790	EN/FR	EN/ES	<input type="text"/>
	T62	59791	EN/FR	EN/ES	<input type="text"/>
Motor	M61	59792	EN/FR	EN/ES	<input type="text"/>
Generator	G60	59793	EN/FR	EN/ES	<input type="text"/>
	G62	59794	EN/FR	EN/ES	<input type="text"/>
Capacitor	C60	59795	EN/FR	EN/ES	<input type="text"/>

Application series 80	Type		Working language		Logipam 59711
			59709	59710	
Substation	S80	59729	EN/FR	EN/ES	<input type="text"/>
	S81	59730	EN/FR	EN/ES	<input type="text"/>
	S82	59731	EN/FR	EN/ES	<input type="text"/>
	S84	59732	EN/FR	EN/ES	<input type="text"/>
Transformer	T81	59733	EN/FR	EN/ES	<input type="text"/>
	T82	59734	EN/FR	EN/ES	<input type="text"/>
	T87	59735	EN/FR	EN/ES	<input type="text"/>
Motor	M81	59736	EN/FR	EN/ES	<input type="text"/>
	M87	59737	EN/FR	EN/ES	<input type="text"/>
	M88	59738	EN/FR	EN/ES	<input type="text"/>
Generator	G82	59739	EN/FR	EN/ES	<input type="text"/>
	G87	59741	EN/FR	EN/ES	<input type="text"/>
	G88	59742	EN/FR	EN/ES	<input type="text"/>
Busbar	B80	59743	EN/FR	EN/ES	<input type="text"/>
	B83	59744	EN/FR	EN/ES	<input type="text"/>
Capacitor	C86	59745	EN/FR	EN/ES	<input type="text"/>
Customized	Z81	59747	EN/FR	EN/ES	<input type="text"/>

Z82	59748	EN/FR	EN/ES			
Z83	59749	EN/FR	EN/ES			

Customized reference for series 80 only:

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Spare Sepam advanced & mimic-based UMI replacement kit

Kit advanced UMI series 20/40 (serial number < 0440001)	SDK303	59694	
Kit advanced UMI series 20/40 (serial number > 0440001)	SDK313	59695	
Kit advanced UMI series 60 & series 80	SDK383	59696	
Kit mimic-based UMI series 60 & series 80	SDK888	59697	
Kit UMI Tools	SDK000	59698	

Note: the same kit can be used both Sepam series 20 and series 40.

Note: a Kit UMI tools is mandatory for the UMI kit installation.