SIEMENS

Data sheet

6AG1317-2EK14-7AB0



SIPLUS S7-300 CPU 317-2PN/DP based on 6ES7317-2EK14-0AB0 with conformal coating, -25...+70 °C, central processing unit with 1 MB work memory, 1st interface MPI/DP 12 Mbps, 2nd interface Ethernet PROFINET, with 2-port switch, Micro Memory Card required

Figure similar

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General information	
Product type designation	CPU 317-2 PN/DP
based on	6ES7317-2EK14-0AB0
Product function	
 Isochronous mode 	Yes; Via PROFIBUS DP or PROFINET interface
Engineering with	
Programming package	STEP 7 V5.5 or higher
Supply voltage	
Rated value (DC)	24 V
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
external protection for power supply lines (recommendation)	2 A min.
Mains buffering	
 Mains/voltage failure stored energy time 	5 ms
Repeat rate, min.	1 s
Input current	
Current consumption (rated value)	750 mA
Current consumption (in no-load operation), typ.	150 mA
Inrush current, typ.	4 A
l²t	1 A ² ·s
Power loss	
Power loss, typ.	4.65 W
Memory	
Work memory	
• integrated	1 024 kbyte
expandable	No
Load memory	
• Plug-in (MMC)	Yes
Plug-in (MMC), max.	8 Mbyte
 Data management on MMC (after last programming), min. 	10 a
Backup	
• present	Yes; Guaranteed by MMC (maintenance-free)
 without battery 	Yes; Program and data
CPU processing times	
for bit operations, typ.	0.025 μs
for word operations, typ.	0.03 μs
for fixed point arithmetic, typ.	0.04 μs
for floating point arithmetic, typ.	0.16 µs

PU-blocks		
Number of blocks (total)	2 048; (DBs, FCs, FBs); the maximum number of loadable blocks can be	
DD.	reduced by the MMC used.	
Number, max.	2 048; Number range: 1 to 16000	
• Size, max.	64 kbyte	
FB	64 KDyte	
Number, max.	2 048; Number range: 0 to 7999	
• Size, max.	64 kbyte	
FC		
• Number, max.	2 048; Number range: 0 to 7999	
• Size, max.	64 kbyte	
OB		
• Size, max.	64 kbyte	
 Number of free cycle OBs 	1; OB 1	
 Number of time alarm OBs 	1; OB 10	
 Number of delay alarm OBs 	2; OB 20, 21	
 Number of cyclic interrupt OBs 	4; OB 32, 33, 34, 35	
 Number of process alarm OBs 	1; OB 40	
 Number of DPV1 alarm OBs 	3; OB 55, 56, 57	
Number of isochronous mode OBs	1; OB 61 - isochronous mode is possible either on DP or PROFINET IO (not simultaneously)	
 Number of startup OBs 	1; OB 100	
 Number of asynchronous error OBs 	6; OB 80, 82, 83, 85, 86, 87 (OB83 only for PROFINET IO)	
Number of synchronous error OBs	2; OB 121, 122	
Nesting depth		
per priority class	16	
additional within an error OB	4	
ounters, timers and their retentivity		
S7 counter		
• Number	512	
Retentivity		
— adjustable	Yes	
— preset	Z 0 to Z 7	
Counting range	V	
— adjustable	Yes	
— lower limit	0	
— upper limit	999	
IEC counter	Yes	
• present	SFB	
• Type		
Number S7 times	Unlimited (limited only by RAM capacity)	
• Number	512	
	312	
Retentivity	Yes	
— adjustable		
— preset	No retentivity	
Time range	10 ms	
	10 1115	
— lower limit		
— upper limit	9 990 s	
— upper limit IEC timer	9 990 s	
— upper limit IEC timer • present	9 990 s Yes	
— upper limit IEC timer • present • Type	9 990 s Yes SFB	
 — upper limit IEC timer present Type Number 	9 990 s Yes	
upper limit IEC timer • present • Type • Number ata areas and their retentivity	9 990 s Yes SFB Unlimited (limited only by RAM capacity)	
— upper limit IEC timer • present • Type • Number ata areas and their retentivity Retentive data area (incl. timers, counters, flags), max.	9 990 s Yes SFB	
— upper limit IEC timer • present • Type • Number ata areas and their retentivity Retentive data area (incl. timers, counters, flags), max. Flag	9 990 s Yes SFB Unlimited (limited only by RAM capacity) 256 kbyte	
— upper limit IEC timer • present • Type • Number ata areas and their retentivity Retentive data area (incl. timers, counters, flags), max. Flag • Size, max.	9 990 s Yes SFB Unlimited (limited only by RAM capacity) 256 kbyte 4 096 byte	
— upper limit IEC timer • present • Type • Number ata areas and their retentivity Retentive data area (incl. timers, counters, flags), max. Flag	9 990 s Yes SFB Unlimited (limited only by RAM capacity) 256 kbyte	

Data blocks	
Retentivity adjustable	Yes; via non-retain property on DB
Retentivity preset	Yes
Local data	165
per priority class, max.	32 768 byte; Max. 2048 bytes per block
Address area	32 700 byte, Wax. 2040 bytes per block
I/O address area	0.400 h. 4a
• Inputs	8 192 byte
Outputs of which distributed	8 192 byte
of which distributed	0.400 h. 4a
— Inputs	8 192 byte
— Outputs	8 192 byte
Process image	0.400 h.t.
• Inputs	8 192 byte
Outputs	8 192 byte
Inputs, adjustable Outputs, adjustable	8 192 byte
Outputs, adjustable Inputs default	8 192 byte
• Inputs, default	256 byte
Outputs, default Subpresses images	256 byte
Subprocess images	4. With PROFINET IO the leasth of the year date is limited to 4000 but
Number of subprocess images, max. Digital phannels.	1; With PROFINET IO, the length of the user data is limited to 1600 bytes
Digital channels	65 526
• Inputs	65 536
— of which central	1 024
Outputs	65 536
— of which central	1 024
Analog channels	4.000
• Inputs	4 096
— of which central	256
Outputs	4 096
— of which central	256
Hardware configuration	
Number of expansion units, max.	3
Number of DP masters	
• integrated	1
• via CP	4
Number of operable FMs and CPs (recommended)	
• FM	8
• CP, PtP	8
• CP, LAN	10
Rack	
• Racks, max.	4
Modules per rack, max.	8
Time of day	
Clock	V
Hardware clock (real-time)	Yes
retentive and synchronizable	Yes
Backup time	
D 1 1 1 1	6 wk; At 40 °C ambient temperature
Deviation per day, max. Public City of the company of the co	10 s; Typ.: 2 s
Behavior of the clock following POWER-ON	10 s; Typ.: 2 s Clock continues running after POWER OFF
Behavior of the clock following POWER-ON Behavior of the clock following expiry of backup period	10 s; Typ.: 2 s
 Behavior of the clock following POWER-ON Behavior of the clock following expiry of backup period Operating hours counter 	10 s; Typ.: 2 s Clock continues running after POWER OFF the clock continues at the time of day it had when power was switched off
Behavior of the clock following POWER-ON Behavior of the clock following expiry of backup period Operating hours counter Number	10 s; Typ.: 2 s Clock continues running after POWER OFF the clock continues at the time of day it had when power was switched off
Behavior of the clock following POWER-ON Behavior of the clock following expiry of backup period Operating hours counter Number Number/Number range	10 s; Typ.: 2 s Clock continues running after POWER OFF the clock continues at the time of day it had when power was switched off 4 0 to 3
Behavior of the clock following POWER-ON Behavior of the clock following expiry of backup period Operating hours counter Number Number/Number range Range of values	10 s; Typ.: 2 s Clock continues running after POWER OFF the clock continues at the time of day it had when power was switched off 4 0 to 3 0 to 2^31 hours (when using SFC 101)
Behavior of the clock following POWER-ON Behavior of the clock following expiry of backup period Operating hours counter Number Number/Number range Range of values Granularity	10 s; Typ.: 2 s Clock continues running after POWER OFF the clock continues at the time of day it had when power was switched off 4 0 to 3 0 to 2^31 hours (when using SFC 101) 1 h
Behavior of the clock following POWER-ON Behavior of the clock following expiry of backup period Operating hours counter Number Number range Range of values Granularity retentive	10 s; Typ.: 2 s Clock continues running after POWER OFF the clock continues at the time of day it had when power was switched off 4 0 to 3 0 to 2^31 hours (when using SFC 101)
Behavior of the clock following POWER-ON Behavior of the clock following expiry of backup period Operating hours counter Number Number Number/Number range Range of values Granularity retentive Clock synchronization	10 s; Typ.: 2 s Clock continues running after POWER OFF the clock continues at the time of day it had when power was switched off 4 0 to 3 0 to 2^31 hours (when using SFC 101) 1 h Yes; Must be restarted at each restart
Behavior of the clock following POWER-ON Behavior of the clock following expiry of backup period Operating hours counter Number Number range Range of values Granularity retentive	10 s; Typ.: 2 s Clock continues running after POWER OFF the clock continues at the time of day it had when power was switched off 4 0 to 3 0 to 2^31 hours (when using SFC 101) 1 h

	V	
• on MPI, device	Yes	
• to DP, master	Yes; With DP slave only slave clock	
• on DP, device	Yes	
• in AS, master	Yes	
• in AS, device	Yes	
on Ethernet via NTP	Yes; As client	
Digital inputs		
Number of digital inputs	0	
Digital outputs		
Number of digital outputs	0	
Analog inputs		
Number of analog inputs	0	
Interfaces		
Number of PROFINET interfaces	1; 2 ports (switch) RJ45	
Number of RS 485 interfaces	1; Combined MPI / PROFIBUS DP	
Number of RS 422 interfaces	0	
1. Interface		
Interface type	Integrated RS 485 interface	
Isolated	Yes	
Interface types		
• RS 485	Yes	
Output current of the interface, max.	200 mA	
Protocols		
• MPI	Yes	
PROFIBUS DP master	Yes	
PROFIBUS DP device	Yes	
Point-to-point connection	No	
MPI		
Transmission rate, max.	12 Mbit/s	
Services		
— PG/OP communication	Yes	
— Routing	Yes	
Global data communication	Yes	
— S7 basic communication	Yes	
— S7 communication	Yes	
— S7 communication, as client	No; but via CP and loadable FB	
— S7 communication, as server	Yes	
PROFIBUS DP master		
Transmission rate, max.	12 Mbit/s	
max. number of DP devices	124	
Services		
— PG/OP communication	Yes	
— Routing	Yes	
Global data communication	No	
S7 basic communication	Yes; I blocks only	
— S7 communication	Yes	
— S7 communication — S7 communication, as client	No	
— S7 communication, as server	Yes	
— Equidistance	Yes	
Leginistance Isochronous mode	Yes; OB 61; isochronous mode can only be used alternatively on PROFIBUS	
iosomonous mode	DP or PROFINET IO	
— SYNC/FREEZE	Yes	
 activation/deactivation of DP devices 	Yes	
 max. number of DP devices that can be activated/deactivated at the same time 	8	
 Direct data exchange (slave-to-slave communication) 	Yes; as subscriber	
— DPV1	Yes	
Address area		
— Inputs, max.	8 kbyte	
— Outputs, max.	8 kbyte	

User data per DP device		
— Inputs, max.	244 byte	
— Outputs, max.	244 byte	
1st interface / PROFIBUS DP device / header		
 Transmission rate, max. 	12 Mbit/s	
automatic baud rate search	Yes; only with passive interface	
 Address area, max. 	32	
User data per address area, max.	32 byte	
Services		
— PG/OP communication	Yes	
— Routing	Yes; Only with active interface	
 Global data communication 	No	
 — S7 basic communication 	No	
— S7 communication	Yes	
 — S7 communication, as client 	No	
 S7 communication, as server 	Yes; Connection configured on one side only	
 Direct data exchange (slave-to-slave 	Yes	
communication)		
— DPV1	No	
Transfer memory		
— Inputs	244 byte	
— Outputs	244 byte	
2. Interface		
Interface type	PROFINET	
Isolated	Yes	
automatic detection of transmission rate	Yes; 10/100 Mbit/s	
Autonegotiation	Yes	
Autocrossing	Yes	
Change of IP address at runtime, supported	Yes	
Interface types		
RJ 45 (Ethernet)	Yes	
 Number of ports 	2	
integrated switch	Yes	
Protocols		
• MPI	No	
PROFINET IO Controller	Yes; Also simultaneously with IO-Device functionality	
PROFINET IO Device	Yes; Also simultaneously with IO Controller functionality	
PROFINET CBA	Yes	
PROFIBUS DP master	No	
PROFIBUS DP device	No	
Open IE communication	Yes; Via TCP/IP, ISO on TCP, and UDP	
Web server	Yes	
Media redundancy	Yes	
PROFINET IO Controller		
Transmission rate, max.	100 Mbit/s	
• Transmission rate, max. Services	100 MIDIUS	
— PG/OP communication	Yes	
— Routing	Yes	
— S7 communication	Yes; with loadable FBs, max. configurable connections: 16, max. number of instances: 32	
 Isochronous mode 	Yes; OB 61; isochronous mode can only be used alternatively on PROFIBUS DP or PROFINET IO	
— IRT	Yes	
— IRT	Yes	
— IRT — Shared device	Yes Yes	
— IRT — Shared device — Prioritized startup	Yes Yes Yes	
— IRT — Shared device — Prioritized startup — Number of IO devices with prioritized startup, max.	Yes Yes Yes 32	
 — IRT — Shared device — Prioritized startup — Number of IO devices with prioritized startup, max. — Number of connectable IO Devices, max. 	Yes Yes Yes 32 128	
 — IRT — Shared device — Prioritized startup — Number of IO devices with prioritized startup, max. — Number of connectable IO Devices, max. — Of which IO devices with IRT, max. 	Yes Yes Yes 32 128 64	

Number of connectable IO Devices for RT, max.	128		
— of which in line, max.	128		
 Activation/deactivation of IO Devices 	Yes		
 Number of IO Devices that can be simultaneously activated/deactivated, max. 	8		
 — IO Devices changing during operation (partner ports), supported 	Yes		
 Number of IO Devices per tool, max. 	8		
 Device replacement without swap medium 	Yes		
— Send cycles	$250~\mu s, 500~\mu s, 1~ms; 2~ms, 4~ms$ (not in the case of IRT with "high flexibility"		
	option)		
 Updating time 	250 μs to 512 ms (depending on the operating mode, see Manual "S7-300 CPU 31xC and CPU 31x, technical Data" for more details)		
Address area	The and of 0 Th, technical bata for more details)		
— Inputs, max.	8 kbyte		
— Outputs, max.	8 kbyte		
User data consistency, max.	1 024 byte		
PROFINET IO Device	1 024 byte		
Services			
— PG/OP communication	Yes		
— Routing	Yes		
Routing S7 communication	Yes; with loadable FBs, max. configurable connections: 16, max. number of		
— 57 communication	instances: 32		
— Isochronous mode	No		
— IRT	Yes		
— PROFlenergy	Yes; With SFB 73 / 74 prepared for loadable PROFlenergy standard FB for I- Device		
— Shared device	Yes		
Number of IO Controllers with shared device, max.	2		
Transfer memory	-		
— Inputs, max.	1 440 byte; Per IO Controller with shared device		
— Outputs, max.	1 440 byte; Per IO Controller with shared device		
Submodules	1 110 byte, 1 of 10 controller with chared device		
— Number, max.	64		
- User data per submodule, max.	1 024 byte		
PROFINET CBA	1 02+ byte		
acyclic transmission	Yes		
cyclic transmission Open IE communication	Yes		
Number of connections, max.	16		
•			
 Local port numbers used at the system end 	0, 20, 21, 25, 80, 102, 135, 161, 8080, 34962, 34963, 34964, 65532, 65533, 65534, 65535		
Keep-alive function, supported	Yes		
Protocols			
PROFIsafe	No		
Redundancy mode			
Media redundancy			
Switchover time on line break, typ.	200 ms; PROFINET MRP		
- Switchover time on line break, typ. - Number of stations in the ring, max.	50		
Open IE communication			
TCP/IP	Yes; via integrated PROFINET interface and loadable FBs		
- Number of connections, max.	16		
Data length for connection type 01H, max.	1 460 byte		
— Data length for connection type 01H, max. — Data length for connection type 11H, max.	32 768 byte		
	Yes		
— several passive connections per port, supported			
ISO-on-TCP (RFC1006) Number of connections, may	Yes; via integrated PROFINET interface and loadable FBs		
Number of connections, max. Data leasth, max.	16		
— Data length, max.	32 768 byte		
• UDP	Yes; via integrated PROFINET interface and loadable FBs		
— Number of connections, max.	16		
— Data length, max.	1 472 byte		
Web server			
• supported	Yes		

User-defined websites	Yes	
Number of HTTP clients	5	
communication functions / header		
PG/OP communication	Yes	
Data record routing	Yes	
Global data communication		
supported	Yes	
Number of GD loops, max.	8	
Number of GD packets, max.	8	
Number of GD packets, transmitter, max.	8	
Number of GD packets, receiver, max.	8	
 Size of GD packets, max. 	22 byte	
• Size of GD packet (of which consistent), max.	22 byte	
S7 basic communication		
• supported	Yes	
• User data per job, max.	76 byte	
 User data per job (of which consistent), max. 	76 byte; 76 bytes (with X_SEND or X_RCV); 64 bytes (with X_PUT or X_GET as server)	
S7 communication		
• supported	Yes	
• as server	Yes	
• as client	Yes; via integrated PROFINET interface and loadable FB or via CP and loadable FB	
User data per job, max.	See online help of STEP 7 (shared parameters of the SFBs/FBs and of the SFCs/FCs of S7 Communication)	
S5 compatible communication		
• supported	Yes; via CP and loadable FC	
communication functions / PROFINET CBA (with set target commu	·	
Setpoint for the CPU communication load	50 %	
Number of remote interconnection partners	32	
number of master/device functions	30	
total of all master/device connections	1 000	
 data length of all incoming master/device connections, max. 	4 000 byte	
 data length of all outgoing master/device connections, max. 	4 000 byte	
Number of device-internal and PROFIBUS interconnections Parts for other following interpretability and PROFIBUS	500	
 Data length of device-internal und PROFIBUS interconnections, max. 	4 000 byte	
Data length per connection, max. DROCINET CRA (corrects interessed at the connection).	1 400 byte	
performance data / PROFINET CBA / remote interconnection	· · · · · · · · · · · · · · · · · · ·	
— Sampling interval, min.	500 ms	
Number of incoming interconnections	100	
Number of outgoing interconnections Data length of all incoming interconnections, may	100 2.000 byte	
 Data length of all incoming interconnections, max. Data length of all outgoing interconnections, max. 	2 000 byte 2 000 byte	
Data length of all outgoing merconnections, max. Data length per connection, max.	1 400 byte	
performance data / PROFINET CBA / remote interconnection	·	
Transmission frequency: Transmission interval, min.	10 ms	
Number of incoming interconnections	200	
Number of outgoing interconnections	200	
Data length of all incoming interconnections, max.	2 000 byte	
Data length of all outgoing interconnections, max.	2 000 byte	
Data length per connection, max.	450 byte	
performance data / PROFINET CBA / HMI variables via PROF	FINET / acyclic / header	
 Number of stations that can log on for HMI variables (PN OPC/iMap) 	3; 2x PN OPC/1x iMap	
— HMI variable updating	500 ms	
 Number of HMI variables 	200	
 Data length of all HMI variables, max. 	2 000 byte	
performance data / PROFINET CBA / PROFIBUS proxy functi	onality / header	
— supported	Yes	

Number of linked PROFIBUS devices	16
Data length per connection, max.	240 byte; Slave-dependent
Number of connections	210 2)10, 01010 000110.11
• overall	32
usable for PG communication	31
— reserved for PG communication	1
adjustable for PG communication, min.	1
adjustable for PG communication, max.	31
usable for OP communication	31
— reserved for OP communication	1
adjustable for OP communication, min.	1
adjustable for OP communication, max.	31
usable for S7 basic communication	30
reserved for S7 basic communication	0
adjustable for S7 basic communication, min.	0
adjustable for S7 basic communication, max.	30
usable for S7 communication	16
reserved for S7 communication	0
adjustable for S7 communication, min.	0
adjustable for S7 communication, min. adjustable for S7 communication, max.	16
total number of instances, max.	32
usable for routing	X1 as MPI: max. 10; X1 as DP master: max. 24; X1 as DP slave (active): max.
- double for fouring	14; X2 as PROFINET: 24 max.
S7 message functions	
Number of login stations for message functions, max.	32; Depending on the configured connections for PG/OP and S7 basic communication
Process diagnostic messages	Yes
simultaneously active Alarm_S blocks, max.	300
Test commissioning functions	
Status block	Yes; Up to 2 simultaneously
Single step	Yes
Number of breakpoints	4
Status/control	
 Status/control variable 	Yes
 Variables 	Inputs, outputs, memory bits, DB, times, counters
 Number of variables, max. 	30
of which status variables, max.	30
— of which control variables, max.	14
Forcing	
Forcing	Yes
Forcing, variables	Inputs, outputs
Number of variables, max.	10
Diagnostic buffer	
• present	Yes
 Number of entries, max. 	500
— adjustable	No
— of which powerfail-proof	100; Only the last 100 entries are retained
 Number of entries readable in RUN, max. 	499
— adjustable	Yes; From 10 to 499
— preset	10
Service data	
• can be read out	Yes
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
	V.
EAC (formerly Gost-R)	Yes
EAC (formerly Gost-R) Use in hazardous areas	
EAC (formerly Gost-R)	Yes

Ambient temperature during operation	07.00 T.	
• min.	-25 °C; = Tmin	
• max.	70 °C; = Tmax; @ 60°C for UL/ATEX/FM use	
Ambient temperature during storage/transportation		
• min.	-40 °C	
• max.	70 °C	
Altitude during operation relating to sea level		
 Installation altitude above sea level, max. 	5 000 m	
Ambient air temperature-barometric pressure-altitude	Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Tmin (Tmax -20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m)	
Relative humidity		
 With condensation, tested in accordance with IEC 60068- 2-38, max. 	100 %; RH incl. condensation/frost (no commissioning under condensation conditions)	
Resistance		
Use in stationary industrial systems		
 to biologically active substances according to EN 60721-3-3 	Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request	
 to chemically active substances according to EN 60721-3-3 	Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *	
 to mechanically active substances according to EN 60721-3-3 	Yes; Class 3S4 incl. sand, dust, *	
Use on ships/at sea		
 to biologically active substances according to EN 60721-3-6 	Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request	
 to chemically active substances according to EN 60721-3-6 	Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *	
 to mechanically active substances according to EN 60721-3-6 	Yes; Class 6S3 incl. sand, dust; *	
Usage in industrial process technology		
 Against chemically active substances acc. to EN 60654-4 	Yes; Class 3 (excluding trichlorethylene)	
 Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 	Yes; Level GX group A/B (excluding trichlorethylene; harmful gas concentrations up to the limits of EN 60721-3-3 class 3C4 permissible); level LC3 (salt spray) and level LB3 (oil)	
Remark		
 Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 	* The supplied plug covers must remain in place over the unused interfaces during operation!	
configuration / header		
Configuration software		
• STEP 7	Yes; V5.5 or higher	
configuration / programming / header		
Command set	see instruction list	
 Nesting levels 	8	
 System functions (SFC) 	see instruction list	
System function blocks (SFB)	see instruction list	
Programming language		
— LAD	Yes	
— FBD	Yes	
— STL	Yes	
— SCL	Yes	
— CFC	Yes	
— GRAPH	Yes	
	Yes	
— HiGraph®	160	
Know-how protection	Van	
User program protection/password protection	Yes	
Block encryption	Yes; With S7 block Privacy	
Dimensions		
Width	40 mm	
Height	125 mm	
Depth	130 mm	
Weights		
Weight, approx.	340 g	
Classifications		

	Version	Classification
eClass	14	27-24-22-07
eClass	12	27-24-22-07
eClass	9.1	27-24-22-07
eClass	9	27-24-22-07
eClass	8	27-24-22-07
eClass	7.1	27-24-22-07
eClass	6	27-24-22-07
ETIM	9	EC000236
ETIM	8	EC000236
ETIM	7	EC000236
IDEA	4	3565
UNSPSC	15	32-15-17-05

Approvals / Certificates

General Product Approval

EMV

Miscellaneous



Manufacturer Declaration







For use in hazardous locations





CCC-Ex

last modified:

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