

SIMATIC S7-1200,
COMMUNICATION COMMUNICATION BOARD CB 1241,
RS485,
SCREW CONNECTOR SUPPORTS MESSAGE BASED
FREEPORT

Input current	
from backplane bus 5 V DC, typ.	50 mA
Power loss	
Power loss, typ.	1.5 W
Interrupts/diagnostics/status information	
Diagnostic messages	
Diagnostic functions	Yes
Diagnostics indication LED	
for status of the outputs	Yes
Degree and class of protection	
IP20	Yes
Standards, approvals, certificates	
CE mark	Yes
RCM (former C-TICK)	Yes
FM approval	Yes
Climatic and mechanical conditions for storage and transport	
Climatic conditions for storage and transport	
Free fall	
Drop height, max. (in packaging)	0.3 m ; five times, in dispatch package
Temperature	
permissible temperature range	-40 °C to +70 °C
Air pressure acc. to IEC 60068-2-13	
permissible air pressure	1080 to 660 hPa
Relative humidity	
permissible range (without condensation) at 25 °C	95 %
Mechanical and climatic conditions during operation	
Climatic conditions in operation	
Temperature	
permissible temperature range	0 °C to 55 °C horizontal installation, 0 °C to 45 °C vertical installation

permissible temperature change	5°C to 55°C, 3°C / minute
Air pressure acc. to IEC 60068-2-13	
permissible air pressure	1080 to 795 hPa
Pollutant concentrations	
SO2 at RH < 60% without condensation	SO2: < 0.5 ppm; H2S: < 0.1 ppm; RH < 60% condensation-free
Mechanics/material	
Type of housing (front)	
Plastic	Yes
Dimensions	
Width	38 mm
Height	62 mm
Depth	21 mm
Weights	
Weight, approx.	40 g
Status	Jul 30, 2014