

SIMATIC DP, IM157 INTERFACE FOR EXPANDED
TEMPERATURE RANGE IM157 COUPLER MODULE DP/PA LINK
THE IM157 AND ONE OR MORE DP/PA COUPLERS FORM THE
DP/PA LINK DPV1.SLAVE



General information	
Requirements for DP master system	
• Length of parameter assignment telegram	244 byte
Supply voltage	
Design of the power supply	via bus module
Interfaces	
PROFIBUS DP	
Properties of the lower-level DP master system	
— Transmission rate, max.	12 Mbit/s; 45.45 kbit/s to 12 Mbit/s
— Termination of lower-level DP master system	Active terminating resistor (Bus Terminator)
— Use of OLM/OBT	Yes
— Use of RS 485 repeaters, max.	8
— Number of DP slaves, max.	31; 64 when using RS 485 repeaters or OLM/OBT
Protocols	
PROFIBUS DP	Yes
Interrupts/diagnostics/status information	

Status indicator	No
Alarms	No
Diagnostic functions	Yes
Potential separation	
to lower-level DP master system	Yes
Dimensions	
Width	40 mm
Height	125 mm
Depth	130 mm
Weights	
Weight, approx.	200 g
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