

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	
Description	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
<b>Alarms</b>	
• Alarms	No
<b>Diagnostic messages</b>	
• Diagnostic functions	Yes
<b>Potential separation</b>	
to lower-level DP master system	Yes
<b>Dimensions</b>	
Width	40 mm
Height	125 mm
Depth	130 mm
<b>Weights</b>	
Weight, approx.	200 g
<b>last modified:</b>	13.08.2015